



# LEVEL 3

## 2021 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 2021. 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 2021. 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 take the course in 2021.

## Important information about the 2021 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 2021.
- All course costs as outlined must be paid in full by 1 April 2021.
- 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 2021, 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

### All Year 13 students must study: Religious Education.

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).

## YEAR 12 SUBJECTS

### All Year 12 students must study: an English course, Religious Education and Core Physical Education.

Students then choose four option subjects finalised depending on staffing and class sizes

## YEAR 11 SUBJECTS

### All Year 11 students must study: an English course, a Mathematics course, a Science course, Religious Education and Core Physical Education.

Students then choose two option subjects finalised depending on staffing and class sizes.

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 2021, 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.

<b>Level One</b>	<b>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></b>
<b>Level Two</b>	<b>NCEA requires: 80 credits of which 60 must be at Level 2.</b>
<b>Level Three</b>	<b>NCEA requires: 80 credits of which 60 must be at Level 3.</b>

**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.

**NCEA Level 1 Academic Honours - GOLD**

**= 50 credits at Excellence**

**NCEA Level 1 Academic Honours - SILVER**

**= 50 credits at Merit and/or Excellence**

**NCEA Level 2 Academic Honours - GOLD**

**= 50 credits at Excellence**

**NCEA Level 2 Academic Honours - SILVER**

**= 50 credits at Merit and/or Excellence**

**NCEA Level 3 Academic Honours - GOLD**

**= 50 credits at Excellence**

**NCEA Level 3 Academic Honours - SILVER**

**= 50 credits at Merit and/or Excellence**

# Sancta Maria College Academic Honours

## Scholars Badge

<p>NCEA Level 1 Academic Honours</p> <p><b>SCHOLARS BADGE</b></p>	<p><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.</p>
<p>NCEA Level 2 Academic Honours</p> <p><b>SCHOLARS BADGE</b></p>	<p><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.</p>
<p>NCEA Level 3 Academic Honours</p> <p><b>SCHOLARS BADGE</b></p>	<p><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.</p>

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# Standards Based Assessment

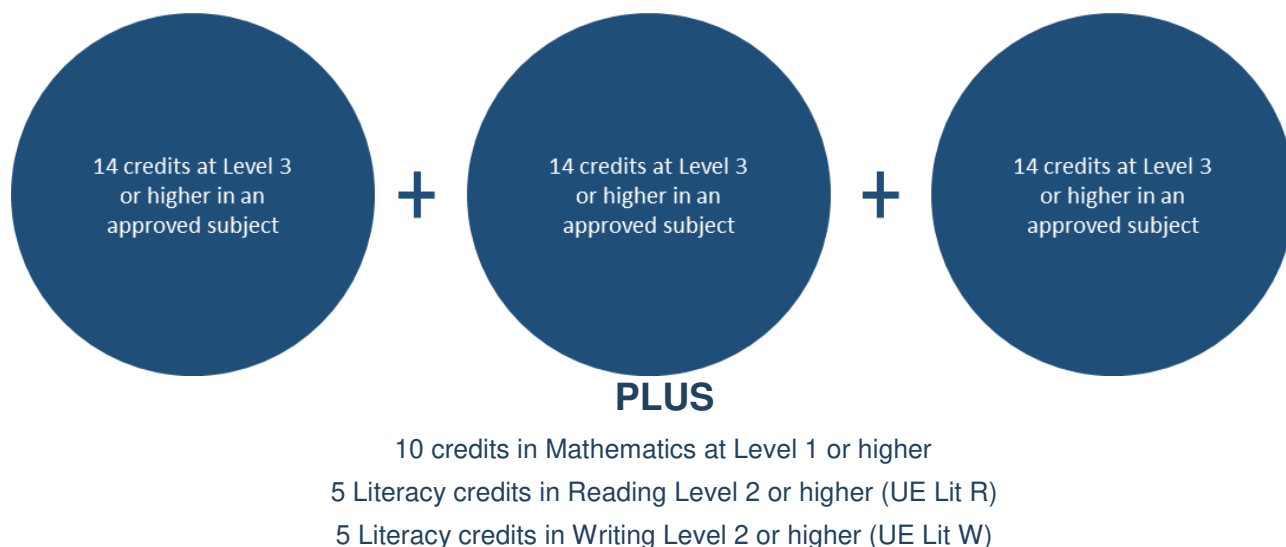
Standards Based Assessment is a process of judging learner achievement against pre-defined standards (learning outcomes). Students gain credits which go towards a national qualification. Credits can be gained either via Achievement Standards or by Unit Standards. Internal Assessment work for the NCEA 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
<b>Definition</b>	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
<b>Nationally Recognised</b>	Yes	Yes
<b>Based on curriculum documents (or their equivalent)</b>	Yes	Yes
<b>Predetermined set of criteria</b>	Yes	Yes
<b>Credits count towards a National Certificate in Educational Achievement (NCEA)</b>	Yes	Yes
<b>Recognise the degree of achievement</b>	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 2021 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 2021.

## 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 allowance

# 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.

**See Mrs Lorian King, Gateway Coordinator for more information**

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 chosen.

## 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

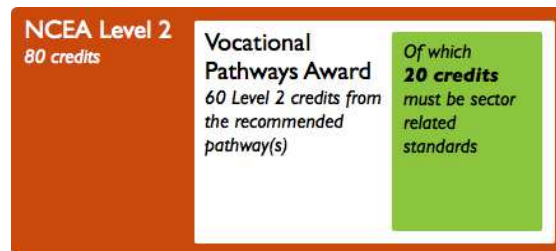
MAN=Manufacturing /Technology

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 Pathways 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 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		
Chemistry *	13CHE	<b>Choose only one of the following</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 3

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

6 credits in Level 3 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:

- Bioethical Issues
- Finding Meaning – Philosophy and Secularism
- Sacred Text in the present time

### What are the course enhancement costs?

Retreat \$30

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
AS90826 v.3 (UE Lit R)	Understanding Religion	Analyse the response of a religious tradition to a contemporary ethical issue.	6	I
AS90827 v.3 (UE Lit R)	Understanding Religion	Analyse the key beliefs of a religious tradition and a secular world view in relation to ultimate questions.	6	I
AS90825 v.3 (UE Lit R)	Understanding Religion	Analyse a religious tradition(s) in Aotearoa New Zealand	6	I

**AS = Achievement Standard**

**Note: Religious Studies Standards are now certified for University Entrance**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2021.**



# ACCOUNTING

## NCEA Level 3

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

Accounting Level 2 – 14 credits achieved

**Who could tell me more?**

Mrs Du Burgess TIC Commerce / Miss Whiteford / Ms Redwood – HoD Social Science

**This course is assessed using:**



Achievement Standards

**This course is:**



Internally assessed



Externally assessed

**What will I learn?**

- How to apply accounting concepts to practical examples
- Processing accounting information for companies
- Preparation of financial statements for companies
- Preparation of reports for practical examples
- Understanding of management accounting for decision making
- Understanding of a job costing subsystem

**What are the course enhancement costs?**

Take home workbook: "ESA Accounting Learning Workbook Level 3". Approx. \$40.00 from Office Max online.

**This course leads to:**

Commerce related tertiary courses.

AS	Domain	Title	Credits	Internal or External
AS 91405	Accounting	Demonstrate understanding of accounting for partnerships	4	I
AS 91406	Accounting	Demonstrate understanding of company financial statement preparation	5	E
AS 91408	Accounting	Demonstrate understanding of management accounting to inform decision-making.	4	E
AS 91409	Accounting	Demonstrate understanding of a job cost subsystem for an entity	4	I

**AS = Achievement Standard**

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Final details will be given at the beginning of 2021.**

## ART- DESIGN NCEA Level 3

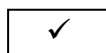
### Prerequisite (What should I have already done?)

Passed Level 2 internal credits in Design. (*Note: Where students have not attained internal credits from Level 2 Design, students will need confirmation of acceptance into Level 3 from Ms Turner*)

### Who could tell me more?

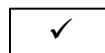
Ms Turner HOD Visual Art.

### This course is assessed using:

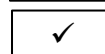


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

Research, analyse methods and ideas in design producing original work that shows extensive knowledge of design concepts and art making methods.

### What are the course enhancement costs?

\$160.00 (includes \$80 printing credits). There will be some costs for additional materials and printing. Local trips approx. \$20 paid at the time of the event.

### This course leads to:

Degree courses in:  
 Architecture  
 Graphic Design  
 Fine Arts  
 Visual Arts  
 Product and Industrial Design  
 Spatial Design (Interior/Exhibition Design)  
 Diploma courses in:  
 Media Design  
 Graphic Design  
 Animation

AS	Domain	Title	Credits	Internal or External
AS 91445	Design	Use drawing to demonstrate understanding of conventions appropriate to design.	4	I
AS 91455	Design	Produce a systematic body of work that integrates conventions and regenerates ideas within design.	14	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 2021.**

## ART - PAINTING NCEA Level 3

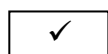
### Prerequisite (What should I have already done?)

Passed Level 2 external credits (folio) in Painting (*Note:* Where students have not attained external credits from Level 2, students will need confirmation of acceptance into Level 3 from Ms Turner)

### Who could tell me more?

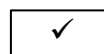
Ms Turner HOD Visual Art.

### This course is assessed using:

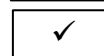


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

Research, analyse methods and ideas in painting producing original work that shows extensive knowledge of painting concepts and art making methods.

### What are the course enhancement costs?

\$110.00 (includes \$30 printing credits).

There will be some additional materials and printing. Local trips approx.

\$20 paid at the time of the event

### This course leads to:

Degree courses in:

Architecture

Graphic Design

Fine Arts

Visual Arts

Product and Industrial Design

Spatial Design (Interior/Exhibition Design)

Diploma courses in:

Media Design

Graphic Design

Animation

AS	Domain	Title	Credits	Internal or External
AS 91446	Painting	Use drawing to demonstrate understanding of conventions appropriate to painting.	4	I
AS 91456	Painting	Produce a systematic body of work that integrates conventions and regenerates ideas within painting.	14	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 2021.**

## ART - PHOTOGRAPHY NCEA Level 3

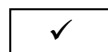
### Prerequisite (What should I already done?)

Passed Level 2 external credits (folio) in Photography. (*Note: Where students have not attained credits from Level 2 Photography, students will need confirmation of acceptance into Level 3 from Ms Turner*)

### Who could tell me more?

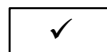
Ms Turner HOD Visual Art

### This course is assessed using:

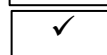


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

Research, analyse methods and ideas in photography producing original work that shows extensive knowledge of photographic concepts and art making methods.

### What are the course enhancement costs?

\$230.00 (includes \$30 printing credits and \$30 DSLR bond). There may be some costs for local trips and photocopying.

### This course leads to:

Degree courses in:

Architecture  
Graphic Design  
Fine Arts  
Visual Arts  
Product and Industrial Design  
Spatial Design (Interior/Exhibition Design)  
Diploma courses in:  
Media Design  
Graphic Design  
Animation

AS	Domain	Title	Credits	Internal or External
AS 91447	Photography	Use drawing to demonstrate understanding of conventions appropriate to photography.	4	I
AS 91457	Photography	Produce a systematic body of work that integrates conventions and regenerates ideas within photography.	14	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 2021.**

## ART - SCULPTURE NCEA Level 3

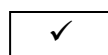
### Prerequisite (What I should have already done?)

Passed Level 2 external credits (folio) in Art or Photography. (*Note: Where students have not attained external credits from Level 2 Art or Photography, students will need confirmation of acceptance into Level 3 from Ms Turner*)

### Who could tell me more?

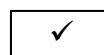
Ms Turner HOD Visual Art.

### This course is assessed using:

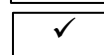


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

Research, analyse methods and ideas in Sculpture producing original work that shows extensive knowledge of sculptural concepts and art making methods.

### What are the course enhancement costs?

\$160.00 (includes \$80 printing credits).

There will be some additional costs for local trips, printing and specialised materials.

### This course leads to:

Degree courses in:

Architecture  
Graphic Design  
Fine Arts  
Visual Arts  
Product and Industrial Design  
Spatial Design (Interior/Exhibition Design)  
Diploma courses in:  
Media Design  
Graphic Design  
Animation

AS	Domain	Title	Credits	Internal or External
AS 91449	Sculpture	Use drawing to demonstrate understanding of conventions appropriate to sculpture.	4	I
AS 91459	Sculpture	Produce a systematic body of work that integrates conventions and regenerates ideas within sculpture.	14	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 2021.**

# BIOLOGY

## NCEA Level 3

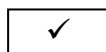
### Prerequisite (What should I have already done?)

- Level 2 Biology – a minimum of one Merit grade in either the Cells or Genetics external standards, as well as an Achieved grade in all other Level 2 external standards
- Level 2 English

### Who could tell me more?

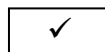
Mr Williamson HOD Science, Dr Laux

### This course is assessed using:

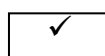


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- Animal behaviour and plant responses to the environment
- Patterns of evolution
- Trends in human evolution
- Homeostasis
- Biotechnology including techniques used in selective breeding cloning and/or transgenesis
- Concepts related to socio-scientific contexts

### What are the course enhancement costs?

**Take home workbook approx. \$45 – ordered through Office Max online**

#### Fieldtrips

- Auckland Zoo approx. \$35
- Auckland Museum approx. \$35
- Tiritiri Matangi Island approx \$65
- Other field trips and learning opportunities may become available throughout the year and the costs will be advised at the time

### This course leads to:

Tertiary study involving Biology. For example, Medicine, Dentistry, Veterinary Science, Nursing and Physiotherapy.

AS	Domain	Title	Credits	Internal or External
AS91603 (UE Lit R/W)	Biology	Demonstrate understanding of the responses of plants and animals to their external environment.	5	E
AS91604 (UE Lit R)	Biology	Demonstrate understanding of how an animal maintains a stable internal environment.	3	I
AS91606 (UE Lit R/W)	Biology	Demonstrate understanding of trends in human evolution.	4	E
AS91607 (UE Lit R)	Biology	Demonstrate understanding of human manipulations of genetic transfer and its biological implications.	3	I
AS91602 (UE Lit R)	Biology	Integrate biological knowledge to develop an informed response to a socio-scientific issue	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 2021**

# BUSINESS STUDIES

## NCEA Level 3

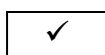
**Prerequisite (What should I have already done?)**

Achieved NCEA Level 2  
HOD discretion

**Who could tell me more?**

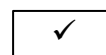
Mrs Du Burgess – TIC Commerce / Miss Whiteford / Ms Redwood – HOD Social Sciences

**This course is assessed using:**

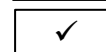


Achievement Standards

**This course is:**



Internally assessed



Externally assessed

**What will I learn?**

- Carry out, with consultation, an innovative and sustainable business activity
- Develop a marketing plan for a new or existing product

**What are the course enhancement costs?**

- It is preferable that every student has access to their own electronic device (laptop).
- \$35 to register with Young Enterprise Scheme (YES).
- Students are required to contribute capital to fund their business activity (starting at \$20 and up to \$50 from each team member). Students also keep any profit made from their business.

**This course leads to:**

Commerce related tertiary courses.

AS	Domain	Title	Credits	Internal or External
AS91382 (UE Lit R)	Business Studies	Develop a marketing plan for a new or existing product.	6	I
AS91384 (UE Lit R)	Business Studies	Carry out, with consultation, an innovative and sustainable business activity.	9	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 2021.**

# CHEMISTRY

## NCEA Level 3

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

- Level 2 Chemistry – a minimum of one Merit grade as well as Achieved grades in all other Level 2 external standards
- Level 2 Mathematics

### 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?

- About substances that dissolve in water and their properties
- About organic substances
- Properties of particles and thermochemical principles
- Spectroscopy
- Oxidation-Reduction reactions and electrochemical cells

### 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:

Tertiary study involving Chemistry. For example: Medicine, Engineering, Dentistry and Physiotherapy

AS	Domain	Title	Credits	Internal or External
AS91388	Chemistry	Demonstrate understanding of spectroscopic data in chemistry	3	Internal
AS91393	Chemistry	Demonstrate understanding of oxidation-reduction processes	3	Internal
AS91390	Chemistry	Demonstrate understanding of thermochemical principles and the properties of particles and substances.	5	External
AS91391	Chemistry	Demonstrate understanding of the properties of organic compounds.	5	External
AS91392	Chemistry	Demonstrate understanding of equilibrium principles in aqueous systems.	5	External

**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 2021.**



# CLASSICAL STUDIES

## NCEA Level 3

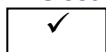
### Prerequisite (What should I have already done?)

- At least 16 Level 2 Literacy credits
- An interest in learning more about the Ancient Roman World and how it continues to impact us today.

### Who could tell me more?

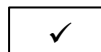
Ms Redwood – HOD Social Sciences

### This course is assessed using:

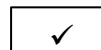


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

Classical Studies is a multi-disciplinary subject, drawing on different topics from Politics, Religion, Philosophy, Art and Architecture, Sociology, History, English, and Science. In this course, we focus on the world of the Ancient Romans, their belief systems, innovations, behaviours, and lasting legacies.

- We will study the rise to power and reign of the first Roman Emperor: Caesar Augustus.
- We will analyse Roman art and architecture, and its influence on architectural forms in the USA and NZ.
- We will study aspects of Roman society and social beliefs, religion, culture, military strategies, and lasting legacies.
- We will critically analyse and draw conclusions from ancient historical primary sources.

### What are the course enhancement costs?

Nil No set course costs. However, an optional fieldtrip may be possible if any special exhibitions, related to the Classical World, are presented in NZ during 2021. Students will be notified of costs in advance and these must be paid in full before participation on any fieldtrip can proceed.

### This course leads to:

Level 4 papers at university and/or tertiary institute

AS	Title	Credits	Internal or External
AS91396 (UE Lit R/W)	Analyse the impact of a significant historical figure on the classical world: Augustus. (Term 1/essay)	6	E
AS91395 (UE Lit R)	Analyse the significance of a work(s) of art in the Classical world. (Term 1)	4	E
AS91397 (UE Lit R)	Demonstrate understanding of significant ideologies in the classical world. (Term 2)	6	I
AS91398 (UE Lit R/W)	Demonstrate understanding of the lasting influence of the classical world on other cultures across time. (Term 3)	6	I

**AS = Achievement Standard**

[Note: students who wish to gain 18 credits will not take AS91395].

[Note: students who wish to gain 16 credits will not take AS91396]

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

**Final details will be given at the beginning of 2021.**

## DIGITAL TECHNOLOGIES NCEA Level 3

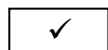
**Prerequisite (What should I have already done?)**

12 credits in Level 2 Digital Technologies

**Who could tell me more?**

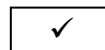
Mr Glasse HOD Digital Technology

**This course is assessed using:**

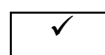


Achievement Standards

**This course is:**



Internally assessed



Externally assessed

**What will I learn?**

In Level 3 Digital Technologies you will be required to develop a product such as an e-Book or website for a client. This will involve identifying a need, designing and testing your product and developing it to a final solution. You will learn how to develop relational databases as well as advanced Photoshop and InDesign.

**What are the course enhancement costs?**

Nil

**This course leads to:**

Tertiary courses in Graphic Design, Multimedia, Animation and Computing.

AS	Domain	Title	Credits	Internal or External
AS91906	Digital Technologies	Develop a complex computer program for a specified task	6	I
AS91901	Digital Technologies	Apply user experience methodologies to develop a design for a digital technologies' outcome	3	I
AS91903	Digital Technologies	Use complex techniques to develop a digital media outcome	4	E
AS91909	Digital Technologies	Present a reflective analysis of developing a digital outcome	3	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 2021.**

# DRAMA

## NCEA Level 3

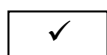
**Prerequisite (What should I have already done?)**

Level 2 Drama or approval granted by Drama HOD

**Who could tell me more?**

Mrs Oliver HOD Drama / NZQA Website

**This course is assessed using:**

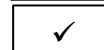


Achievement Standards

**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

**What are the course enhancements costs?**

- \$120.00 (costume hire, theatre hire, props, lighting hire etc)
- Theatre Shows & related costs, i.e. transport. Approx. \$25 per show

**This course leads to:**

Tertiary Education

AS	Domain	Title	Credits	Internal or External
AS91513	Drama Creation	Devise and perform a drama to realise a concept.	5	I
AS91515 (UE Lit R)	Drama Performance	Select and use complex performance skills associated with a drama form or period.	4	I
AS91517 (UE Lit R)	Drama Performance	Perform a substantial acting role in a significant production.	5	I
AS91518 (UE Lit W)	Drama Studies	Demonstrate understanding of live drama 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 2021.**

# CERTIFICATE OF ACHIEVEMENT IN EARLY CHILDHOOD EDUCATION

## NCEA Level 3

**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 King, Gateway Coordinator

**This course is assessed using:**

Unit Standards

**This course is:**

Internally assessed

**What will I learn?** This course will give students an introduction to education and care of young children in early childhood education settings. It is designed to cover a range of 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 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)
- Other training, such as Bachelor of Nursing
- Employment as a nanny, care centres, primary schools
- Being a great parent!

US	Domain	Title	Credits	Internal or External
US10013	Early Childhood Education	Explain the relevance of the NZ ECE Curriculum Te Whariki as a framework for programme development	2	I
US10026	Early Childhood Education	Demonstrate knowledge of children's development & learning & their relevance to an ECE service	5	I
US26707	Early Childhood Education	Demonstrate the value of play and create resources for children development	4	I
US10019	Early Childhood Education	Describe and contribute to safe practices and a safe environment for children in an ECE service	3	I
US26708	Early Childhood Education	Develop relationships with children in and ECE service	4	I

**US = Unit Standard**

**\*This is only a sample of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2021.**

# ECONOMICS

## NCEA Level 3

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

Level 2 Economics – minimum 12 credits achieved

Students can enter Level 3 Economics at the discretion of the TiC of Commerce and the HOD of Social Sciences, who will take into consideration their other Level 2 results.

### Who could tell me more?

Mrs Du Burgess - TiC Commerce / Miss Whiteford / Ms Redwood – HOD Social Sciences

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

- Free market's role in the efficient allocation of resources
- How different market structures impact the efficient allocation of resources using marginal analysis
- Using economic models to analyse micro-economic concepts
- Government interventions to correct market failure

### What are the course enhancement costs?

- Take home workbook: "Understanding Economics Level 3 External – Dan Rennie. Approx. \$30.00 from Office Max online.

### This course leads to:

Commerce related tertiary courses.

AS	Domain	Title	Credits	Internal or External
AS91399 (UE Lit R/W)	Economics	Demonstrate understanding of the efficiency of market equilibrium.	4	E
AS91400 (UE Lit R/W)	Economics	Demonstrate an understanding of the efficiency of different market structures using marginal analysis	4	E
AS91401 (UE Lit R)	Economics	Demonstrate understanding of micro-economic concepts.	5	I
AS91402 (UE Lit R)	Economics	Demonstrate understanding of government interventions to correct market failures.	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 2021.**

## ENGLISH –13ENG NCEA Level 3

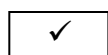
### Prerequisite (What should I have already done?)

Level 2 English. All Level 2 internal assessments for English submitted. At least 14 credits from 12ENG including TWO externals.

### Who could tell me more?

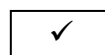
Mrs Chris Sullivan, HOD English or your English teacher

### This course is assessed using:

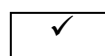


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- How to study, appreciate and analyse a variety of literary texts.
- How to respond critically to a wide variety of unfamiliar texts.
- How to research and draw substantiated conclusions and judgements using critical texts.
- How to write detailed analytical essays.
- How to write effectively in a variety of genres.

### What are the course enhancement costs?

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

### This course leads to:

Level 3 English Scholarship; tertiary study

AS	Domain	Title	Credits	Internal or External
AS91472 (UE Lit R/W)	English	Respond critically to specified aspects of studied written texts.	4	E
AS91474 (UE Lit R/W)	English	Respond critically to significant aspects of unfamiliar written texts.	4	E
AS91475 (UE Lit W)	English	Produce a selection of fluent and coherent writing.	6	I
AS91479 (UE Lit R)	English	Develop and informed understanding of literature using critical texts	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 2021.**

## ENGLISH ALTERNATIVE–13ENA NCEA Level 3

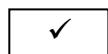
### Prerequisite (What should I have already done?)

At least 12 credits in Level 2 English

### Who could tell me more?

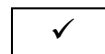
Mrs Chris Sullivan, Acting HOD English or your English teacher

### This course is assessed using:

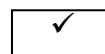


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- How to study, appreciate and analyse a variety of literary texts.
- How to respond critically to a wide variety of unfamiliar texts.
- How to research and draw substantiated conclusions and judgements using critical texts.
- How to write detailed analytical essays.
- How to write effectively in a variety of genres.

### What are the course enhancement costs?

Nil

### This course leads to:

University study

AS	Domain	Title	Credits	Internal or External
AS91472 (UE Lit R/W)	English	Respond critically to specified aspects of studied written texts.	4	E
AS91475 (UE Lit W)	English	Produce a selection of fluent and coherent writing.	6	I
AS91478	English	Respond critically to significant connections across texts (Completed in class)	4	I
AS91480	English	Respond critically to significant aspects of visual text through close reading	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 2021.**

# ENGLISH FOR ACADEMIC PURPOSES – 13EAP

## UE Literacy

**Who is this course for?**

This course is for students who are working towards UE literacy in Year 13. It is designed to prepare students for the literacy demands of university. It is an ideal course for International Students, or students who speak a different first language at home. Ideally, students should have completed 12EAP before enrolling in 13EAP, but it can be taken as a stand alone course also.

**Who could tell me more?**

Mrs Price (HOD)

**This course is assessed using:**

Unit Standards

Achievement Standards

**This course is:**

Internally assessed

**What will I learn?**

13EAP is the second year of a two year course in which students will work towards gaining UE literacy. The four domains of the English language (Listening, Speaking, Reading, 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 for the class. The combination of EAP standards and English standards will prepare students for the academic reading and writing demands of university.

**What are the course enhancement costs?**

Nil

**This course leads to:**

University Entrance literacy requirements

US / AS	Domain	Title	Credits	Internal or External
AS 91105 (UE Lit R/W)	English	Use information literacy skills to form developed conclusions.	4	I
US 22749 (UE Lit W)	English for Academic Purposes	Write a text under test conditions in English for an academic purpose	6	I
US 22751 (UE Lit R)	English for Academic Purposes	Read and process information in English for academic purposes	6	I
AS 91101 (UE Lit W)	English	Produce a selection of crafted and controlled writing	6	I

**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 2021.**



# FRENCH

## NCEA Level 3

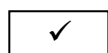
**Prerequisite (What should I have already done?)**

French Level 2 or equivalent

**Who could tell me more?**

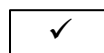
Mrs Read HOD French

**This course is assessed using:**

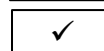


Achievement Standards

**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:
  - discussing issues in your life e.g. job, relationships, travel, music
  - discussing issues in our world today e.g. the environment, immigration, the future
  - discussing significant events in France or French speaking countries, past or present
- Study a French movie, watch other French movies

**What are the course enhancement costs?**

French Dinner Excursion – approx. \$30  
 Education enhancement online resource \$20  
 French Film Festival excursion \$15

**This course leads to:**

Scholarship French  
 University French and university exchanges with France  
 Delf B2 exam

AS	Domain	Title	Credits	Internal or External
AS91543	French	Demonstrate understanding of a variety of extended spoken French texts.	5	E
AS91545	French	Interact clearly using spoken French to explore and justify varied ideas and perspectives.	6	I
AS91546	French	Demonstrate understanding of a variety of extended written and / or visual French texts.	5	E
AS91544	French	Give a clear spoken presentation in French that communicates a critical response to stimulus material.	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 2021.**

# GEOGRAPHY

## NCEA Level 3

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

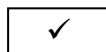
Students who completed Level 2 Geography need to have passed this course.

Students can enter Level 3 Geography without completing Level 1 or 2 courses at the discretion Miss Bradley who will take into consideration their other Level 2 results.

### Who could tell me more?

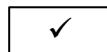
Miss Bradley - TiC Geography / Mrs Stevens / Ms Redwood – HOD Social Sciences

### This course is assessed using:

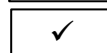


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?.

Geography is the study of how people interact with the natural and cultural environment. People study Geography as they want to learn more about societies, environments, landscapes and places of our world; they want to have knowledge and understanding as the basis for informed concern about the earth and its peoples; and they are keen to learn and develop a wide range of skills for future employment.

The Level 3 Geography programme covers:

- The cultural process of tourism development will be studied in a city of importance.
- Students will carry out and present geographic research in consultation with their teacher.
- Contemporary and global issues are chosen each year from New Zealand and around the world.

### What are the course enhancement costs?

Fieldtrip to an appropriate location approximate cost \$250. Cost of fieldtrip must be paid in full prior to the date of the trip.

### This course leads to:

Tertiary study. Level 3 Geography is a University approved, language-rich subject. (Table A Auckland University subject).

AS	Domain	Title	Credits	Internal or External
AS91427 (UE Lit R/W)	Geography	Demonstrate understanding of how a cultural process shapes geographic environment(s).	4	E
AS91430	Geography	Geographic research with consultation.	5	I
AS91431 (UE Lit R)	Geography	Analyse aspects of a contemporary geographic issue.	3	I
AS91432	Geography	Analyse aspects of a geographic topic at a global scale.	3	I
AS91428	Geography	Analyse a significant contemporary event from a geography perspective.	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 2021.

# HISTORY

## NCEA Level 3

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

- At least **16** Level 2 Literacy credits

Students can enter Level 3 History without completing the Level 1 or Level 2 History course, at the discretion of the HoD Social Sciences, who will take into consideration their other Level 2 results.

### Who could tell me more?

Ms Redwood – HoD Social Sciences

#### This course is assessed using:

Achievement Standards

#### This course is:

Internally assessed

Externally assessed

### What will I learn?

History is the study of change over time and how the past impacts our present world. It is an interpretation of past events producing dominant, and often over-looked, counter- narratives. In this course, we focus on the interpretations of major historical events which have influenced and impacted the course of human history in unparalleled ways.

In 2021, we will study:

- British Imperialism and the American Declaration of Independence (1776)
- The American Revolutionary War (1776-1783)
- The Holocaust and its significance to New Zealanders (1940s to present day)

### What are the course enhancement costs?

Approximately \$400 for an optional overnight research trip to an appropriate location: Wellington. The cost of this fieldtrip must be paid in full prior to departure and before students can participate.

### This course leads to:

Level 4 papers at a University / Tertiary Institute

AS	Domain	Title	Credits	Internal Or External
AS91435 (UE Lit R)	History	Analyse an historical event, or place, of significance to New Zealanders.	5	I
AS91437 (UE Lit R)	History	Analyse different perspectives of a contested event of significance to New Zealanders	5	I
AS91438 (UE Lit R/W)	History	Analyse the causes and consequences of a significant historical trend over time	6	E

**STANDARD AVAILABLE FOR STUDENTS AT RISK OR needed for university course**  
**MUST MEET BELOW CRITERIA**

- Only if time available in teaching and learning Programme – teacher decision
- If student has failed one of the above standards

AS91436	History	Analyse evidence relating to an historical event of significance to New Zealanders	4	E
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**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 2021.**

# JAPANESE

## NCEA Level 3

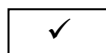
**Prerequisite:**

Gaining 15 Achieved credits in Level 2 Japanese or equivalent

**Who could tell me more?**

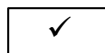
Mrs Kevern HoD Languages (Japanese)

**This course is assessed using:**

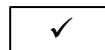


Achievement Standards

**This course is:**



Internally assessed



Externally assessed

**What will I learn?**

In a wide range of everyday situations (such as travel & tourism, work place, communications & media 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 give, seek and receive advice; to express point of views, decisions, doubt, possibility and probability; to respond to requests; to discuss issues in details; to describe and explain advantages and disadvantages in a spontaneous, interactive and socially competent manner.
- You will explore issues of mutual interest to Japan and New Zealand (for example, social, environmental and commercial issues).

**What are the course enhancement costs?**

Education enhancement online resource \$20

Take home work book \$35

**This course leads to:**

Tertiary Courses at Universities

Japanese Language Proficiency Test Level 4/3

There may be 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
AS91553	Japanese	Demonstrate understanding of a variety of extended spoken Japanese texts.	5	E
AS91554	Japanese	Give a clear spoken presentation in Japanese that communicates a critical response to stimulus material.	3	I
AS91556	Japanese	Demonstrate understanding of a variety of extended written and/or visual Japanese texts.	5	E
AS91557	Japanese	Write a variety of text types in clear Japanese to explore and justify varied ideas and perspectives.	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 2021.**

# MATHEMATICS - CALCULUS

## NCEA Level 3

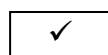
### Prerequisite (What should I have already done?)

In consultation with your Mathematics teacher, at least Merit endorsement at Level 2, which must include gaining at least Merit in AS91261 (Algebra), AS91257 (Graphs) and AS91262 (Calculus).

### Who could tell me more?

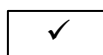
Mrs Williams HOD Mathematics

### This course is assessed using:

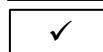


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- Algebra
- Trigonometry
- Calculus; derivatives and integrals
- Real and complex numbers

### What are the course enhancement costs:

Education enhancement online learning resource approximately \$20  
Take home workbooks approximately \$25

### This course leads to:

University courses such as  
Mathematics, Architecture, Biomedical  
Science, Engineering and Physics.

AS	Domain	Title	Credits	Internal or External
AS91575	Trigonometry	Apply trigonometric methods in solving problems.	4	I
AS91577	Algebra	Apply the algebra of complex numbers in solving problems.	5	E
AS91578	Calculus	Apply differentiation methods in solving problems.	6	E
AS91579	Calculus	Apply integration methods in solving problems.	6	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 2021.**

# MATHEMATICS - STATISTICS AND MODELLING

## NCEA Level 3

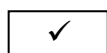
**Prerequisite (What should I have already done?)**

At least a Merit endorsement in Level 2 Mathematics.

**Who could tell me more?**

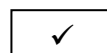
Mrs Williams HOD Mathematics and Mr Ardern Statistics co-ordinator

**This course is assessed using:**

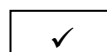


Achievement Standards

**This course is:**



Internally assessed



Externally assessed

**What will I learn?**

- Writing a time series and formal inference report
- Probability concepts
- Writing statistical reports
- Critical Path Analysis

**What are the course enhancement costs:**

Education enhancement online learning resource \$20

Take home workbooks approximately \$30

**This course leads to:**

University courses such as Mathematics, Applied Humanities, Biomedical Science, Commerce and Statistics, Computer Science

AS	Domain	Title	Credits	Internal or External
AS91580	Statistics	Investigate time series data.	4	I
AS91582	Statistics	Use statistical methods to make a formal inference.	4	I
AS91576	Statistics	Use critical path analysis in solving problems	2	I
AS91585	Probability	Apply probability concepts in solving problems.	4	E
AS91584	Probability	Evaluate statistical reports	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 2021.**

## MEDIA STUDIES – 13MED NCEA Level 3

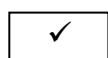
### Prerequisite (What should I have already done?)

Gained 14 credits in Level 2 Media Studies including 4 credits from external examination. Students without Level 2 Media Studies but with strengths in Photography or English may apply for an exemption.

### Who could tell me more?

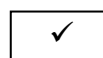
Mrs Sullivan, HoD English and Media Studies

### This course is assessed using:

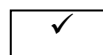


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- Critical understanding of how media is constructed and its effects on society
- How to design and product a media product from a brief
- Skills in the practical handling of technology used in the mass media
- The implications and effectiveness of various aspects of media

### What are the course enhancement costs?

Take home SD cards \$15 and \$8 for Adobe Creative Cloud  
Students will also require: USB memory stick

### This course leads to:

Tertiary study

AS	Domain	Title	Credits	Internal or External
AS91491	Media Studies	Demonstrate understanding of the meaning of a media text through different readings.	3	I
AS91493 (UE Lit)	Media Studies	Demonstrate understanding of a relationship between a media genre and society.	4	E
AS91494	Media Studies	Produce a design for a media product that meets the requirements of a brief.	4	I
AS91495	Media Studies	Produce a media product to meet the requirements of a brief.	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 2021.**

# MUSIC

## NCEA Level 3

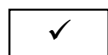
### Prerequisite (What should I have already done?)

You should have been learning the same instrument or singing for a minimum of 4 years (either through the itinerant scheme or outside school) and have Level 2 Music or approval from 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. The following will be offered as the basis of the Level 3 Music course, but other standards may be offered depending on individual student's strengths.

### Who could tell me more?

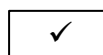
Mr Gibbs HOD Music

### This course is assessed using:

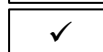


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- How to improve your performance as a soloist and in a group
- To further develop your composition skills and arrangement of music.
- How to analyse music whilst taking into account its context in the history of Music.
- How to use music technology software and hardware to enhance and edit Music.

### 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:

Tertiary Education

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

AS	Domain	Title	Credits	Internal or External
AS91416 Version 2	Making Music	Perform two programmes of music as a featured soloist.	8	I
AS91418 Version 2	Making Music	Demonstrate ensemble skills by performing two substantial pieces as a member of a group.	4	I
AS91419 Version 2	Making Music	Communicate musical intention of composing three original pieces of music.	8	I
AS91417 Version 2	Making Music	Perform a programme of music as a featured soloist on a second instrument.	4	I
AS91421 Version 2	Music Studies	Demonstrate understanding of harmonic and tonal conventions in a range of music scores.	4	E
AS91423 Version 2	Music Studies	Analyse a substantial music work.	4	E
AS91424 Version 2	Music Studies	Create two arrangements for an ensemble.	4	I
AS91425 Version 2 (UE Lit R)	Music Studies	Research a music topic.	6	I
US28007 Version 2	Performing Arts Technology	Select and apply a range of processes to enhance sound in a performance context.	6	I
US23730 Version 2	Music Technology	Operate music sequencing, editing and music notation application(s).	8	I

**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 2019.**



# PHYSICAL EDUCATION STUDIES ( PHYSICAL EXERCISE SCIENCE )

## NCEA Level 3

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

15 credits at Level 2 Physical Education Studies. Must have achieved AS91328 (2.2) "Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills".  
Or 14 credits in Level 2 English Or HOD discretion

### Who could tell me more?

Mrs Heffernan - Teacher in Charge of Level 3; Mrs Holmes HOD Health and Physical Education

### This course is assessed using:

Achievement Standards

Unit Standards

### This course is:

Internally assessed

### What will I learn?

- How to critically evaluate self and others in performance and critically evaluate a current event
- Evaluate physical activity experiences including an 8 week well-being programme (methods & principles of training, exercise physiology)
- How to appraise your own Basketball Lay-up performance & develop a plan for improvement (biomechanics, motor skill learning, anatomy)
- Analyse issues of safety management while on camp

### What are the course enhancement costs?

\$150.00 This cost covers the 8 week professional basketball coaching and student workbooks and 8 week lifelong well-being experiences

Additional costs: Outdoor Education camp fee \$550.00. This will be confirmed in 2021.

### This course leads to:

Tertiary Physical Education courses and careers in health science, fitness, recreation, sporting or outdoor pursuits, teaching, coaching, event management

AS/US	Domain	Title	Credits	Internal or External
AS91498 (3.2)	Physical Education	Evaluate physical activity experiences to devise strategies for lifelong wellbeing	4	I
AS91501 (3.4)	Physical Education	Demonstrate quality performance of a physical activity in an applied setting	4	I
AS91502 (3.5) (UE Lit R)	Physical Education	Examine a current physical activity event, trend, or issue and its impact on New Zealand society	4	I
AS91504(3.7)	Physical Education	Analyse issues in safety management for outdoor activity to devise safety management strategies	3	I

**ACHIEVEMENT STANDARD TOTAL CREDITS: 15 Credits**

This is only an indication of the assessments that may be covered in the course. Final details will be given at the beginning of 2021

### 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

AS91499 (3.1)	Physical Education	Analyse a physical skill performed by self or others	3	I
US28516	Outdoor Recreation	Prepare for, participate in, and evaluate an outdoor experience as a member of a group	15	I

# PHYSICS

## NCEA Level 3

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

- Level 2 Physics – a Merit grade in either the Mechanics or Electricity Achievement Standards are required. Also an Achieved grade in all the other Level 2 standards is desirable.
- Level 2 Mathematics should have been successfully completed. The study of Level 3 Calculus is an advantage and for those considering Scholarship, this is a necessity.

### 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?

- Wave systems
- Mechanics
- Electricity
- Modern Physics

### What are the course enhancement costs?

\$30 – take home workbook ordered through Office Max  
Rainbows End trip approx \$60

### This course leads to:

Tertiary study involving Physics. For example, Civil Engineering, Mechanical Engineering, Electrical Engineering Medicine and Physiotherapy

AS	Domain	Title	Credits	Internal or External
AS91523	Physics	Demonstrate understanding of wave systems.	4	E
AS91524	Physics	Demonstrate understanding of mechanical systems.	6	E
AS91526	Physics	Demonstrate understanding of electrical systems.	6	E
AS91525	Physics	Demonstrate understanding of modern 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 2021.

# SCIENCE

## NCEA Level 3

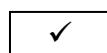
### Prerequisite (What should I have already done?)

A Level 2 Science course (Science, Biology, Chemistry or Physics) with a minimum of 12 credits.

### Who could tell me more?

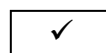
Mrs Mohammed, Mr Williamson HOD Science

### This course is assessed using:

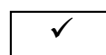


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- Ocean acidification
- Research skills including processing and evaluating information on Ocean acidification in a chemical process context and an earth and space context.
- Geological dating techniques relating to volcanic eruptions.
- Our oceans: the processes that occur in the ocean.
- Aspects of astronomy

### What are the course enhancement costs?

\$35 (estimated) take home workbook  
\$65 Fieldtrip (estimated)

### This course leads to:

Tertiary Level Science

AS	Domain	Title	Credits	Internal or External
AS91389 (UE Lit R/W)	Chemistry	Demonstrate understanding of chemical processes in the world around us	3	I
AS91412	Earth and Space Science	Investigate the evidence related to dating geological event(s)	4	I
AS91413 (UE Lit R/W)	Earth and Space Science	Demonstrate understanding of processes in the ocean system.	4	E
AS91522	Physics	Demonstrate understanding of the application of physics to a selected context	3	I
AS91415	Earth and Space Science	Investigate an aspect of astronomy	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 2021.**

## 13MIT – DUAL PATHWAYS NCEA Level 3

### 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 listed below. This is offered by Manukau Institute of Technology.

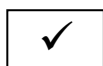
Students must have a careers interview with Mrs Rogers before committing to this programme.

### Who could tell me more?

Mrs Lucy Rogers HOD Careers

The year 13 students enrolled in the Dual Pathways Programme will attend Manukau Institute of Technology **two days per week** for the year and will have their own individualised learning plan

### This course is assessed using:



Unit Standards

### This course is:



Internally assessed

### Courses offered for 2021:

- Automotive Engineering
- Construction
- Engineering
- Hospitality
- Logistics
- Early Childhood Education
- Electrical
- Plumbing
- Sport and Career Studies
- Study and Career Preparation (Police)
- Travel and Tourism
- Business Administration

**Approximately 20-30 level 3 unit standard credits per course. Each course listed above is for the whole year. For more detailed information about the standards in each course 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

# Travel and Tourism

## NCEA Level 3

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

Entry to this subject is at the discretion of the HOD Social Sciences. Literacy requirements of Level 2 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, focusing on New Zealand, Australia and the South West Pacific. A study of the contribution and significance of tourism to world and New Zealand economies.

**What are the course enhancement costs?**

N/A

**This course leads to:**

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

US	Domain	Title	Credits	Internal or External
US3727	Travel	Demonstrate knowledge of the Pacific Island countries as tourist destinations.	5	I
US18211	Travel	Demonstrate knowledge of Australia as a tourist destination.	5	I
US18212	Travel	Demonstrate knowledge of New Zealand as a tourist destination.	8	I
US28126	Travel	Demonstrate knowledge of World Geography.	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 2021.**

# TECHNOLOGY – DESIGN AND VISUAL COMMUNICATION

## NCEA Level 3

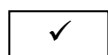
### Prerequisite (What should I have already done?)

Level 2 DVC

### Who could tell me more?

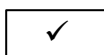
Mrs Rehu, Mr Gray

### This course is assessed using:

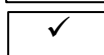


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

This course is for students who have an interest in design using drawing and modelling media (including computer aided design CAD) to find innovative solutions to architectural, environmental, technological, engineering, media and technical illustration opportunities. Students will learn to use design and drawing standards, applying presentation and the use of graphic media to units of work. Units of work are presented in the form of a portfolio, researching information related to a given need or opportunities and presenting a solution in the form of drawings, models and products.

### What are the course enhancement costs?

\$50 which includes take home components as developed and used in class from school provided DVC resources

### This course leads to:

- Architectural and industrial design
- Environmental and media design
- Product and packaging design
- Drafting and computer aided design (CAD)

AS	Domain	Title	Credits	Internal or External
AS91627	Design & Visual Communication	Initiate design ideas through exploration.	4	E
AS91628	Design & Visual Communication	Develop a visual presentation that exhibits a design outcome to an audience.	6	I
AS91630	Design & Visual Communication	Resolve a product design through graphic practice.	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 2019.**

# TECHNOLOGY – FASHION AND DESIGN - FAD

## NCEA Level 3

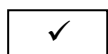
### Prerequisite (What should I have already done?)

Level 1 or 2 Technology, Art or DVC are an advantage but not essential.  
It would also be an advantage to have completed any of the other Technology courses.  
A passion for design, fashion, interior design, textiles and / or craft creations.

### Who could tell me more?

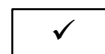
Mrs Rehu HOD Technology

### This course is assessed using:

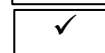


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

- How to create independent designs with the use of textiles and applied design techniques
- Fashion illustrations for male and female garments (portfolio sketches)
- How to develop, implement and evaluate a one-off solution for a client / target market
- Adapt, modify, create pattern pieces from commercial or own pattern
- To apply and extend on construction sewing skills
- Be able to choose and explain the techniques and processes used in fashion design and construction

### What are the course enhancement costs?

\$90 includes consumables used during the year. Students are to supply their own patterns and fabric during the year. Visual diary and folio folder. Fashion Competition entry fee (if applicable) \$40.  
Fieldtrips additional.

### This course leads to:

Tertiary study at MIT, AUT, Massey University (Wellington), Otago University, Whitecliffs School of Design, SewTech (Manukau), Wintec (Fashion Design)

AS	Domain	Title	Credits	Internal or External
AS91608	Generic Technology	Undertake brief development to address an issue within a determined context	4	I
AS91611 3.4	Generic Technology	Develop a prototype considering fitness for purpose in the broadest sense.	6	I
AS91626 3.26	Generic Technology	Draft a pattern to interpret a design for a garment.	6	I
AS91621 3.21	Construction & Mechanical Technology	Implement complex procedures using textile materials to make a specified product.	6	I —
AS91613 (UELitW) 3.6	Generic Technology	Demonstrate understanding of material 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 2021. Students to choose from the 22 credits offered.**

# TECHNOLOGY – FOOD TECHNOLOGY - TFM

## NCEA Level 3

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

A passion for cookery, with an interest in food design, product development and nutrition. You must have studied in the Technology learning area or Hospitality at Level 2. The Technology Standards require knowledge of the Sciences – Chemistry and/or Physics, and Mathematics.

### 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?

Food Technology: Development of a market product from ideation, concepts, testing & trialling, prototyping and situating the outcome. Research of this will be evident throughout the portfolio development. This is a project and problem based course offering students personalised learning to design, model, test, trial, and produce prototypes for the given brief. Opportunity for Scholarship will be offered to students wishing to pursue tertiary study towards Food Science, Health & Nutrition studies, Culinary Arts or Food Product Design.

### What are the course enhancement costs?

\$130.00 fee plus students may be required to bring in specialised ingredients depending of the products they design.  
At least two food related off-site trips may be planned for the year dependent on safety and logistics.

### This course leads to:

Technology Foods at Massey University (Albany and Palmerston North), Food Science degree at Auckland / Waikato / Otago University, MIT, AUT, Otago Polytechnic – Culinary Arts Degree. Apprenticeship programmes (hospitality)

AS or US	Domain	Title	Credits	Internal or External
<b>Food Technology (University Approved) – choose from:</b>				
AS91643 3.60	Processing & Technology	Implement complex procedures to process a specified product.	4	I
AS91617 3.10	Generic Technology	Undertake a critique of a technological outcome's design	4	E
AS91609 3.2	Generic Technology	Undertake brief development to address an issue Undertake project management to support technological practice within a determined context.	4	I
AS91610 3.3  <b>OR</b>  AS91611 3.4	Generic Technology	Develop a conceptual design considering fitness purpose in the broadest sense	4	I

**AS = Achievement Standard US = Unit Standard Choose 18 from 27 credits**

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



# TECHNOLOGY – MULTI MATERIALS TECHNOLOGY - THM

## NCEA Level 3

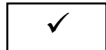
**Prerequisite (What should I have already done?)**

NCEA Level 2 Multi Materials Technology

**Who could tell me more?**

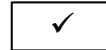
Mrs Rehu or Mr Gray

**This course is assessed using:**

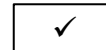


Achievement Standards

**This course is:**



Internally assessed



Externally assessed

**What will I learn?**

This course builds on prior technological knowledge to further enhance skills for the building, construction and engineering industries. Elements of environment and industrial design including Computer Aided Design (CAD) will be introduced. Students learn Project Management Tools to help guide the students' project in terms of resources (people, time, materials and budget etc).

**What are the course enhancement costs?**

\$120 which includes take home components used for modelling, testing and trialling, product development and construction.

**This course leads to:**

- Engineering
- Product design
- Carpentry and Building
- Environmental and Industrial design

AS	Domain	Title	Credits	Internal or External
AS91609 3.2	Technology - Generic	Undertake project management to support technological practice.	4	I
AS9161 3.30	Technology - Generic	Develop a conceptual design considering fitness for purpose in the broadest sense.	6	I
AS91617 3.10	Technology - Generic	Undertake a critique of a technological outcome's design	4	E
AS91612 3.5	Technology - Generic	Demonstrate understanding of how technological modelling supports technological development.	4	E
AS91620 3.20	Construction & Mechanical Technologies	Implement complex procedures to create an applied design for a specific product.	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 2021.**

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

## 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
<b>Digital Technologies and Hangarau Matihiko</b>	91837, 91838 (Hangarau), and <b>91900, 91901, 91902, 91903, 91904, 91905, 91906, 91907, 91908, 91909 (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 ate 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
Tikangaā-Iwi*	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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