



# LEVEL 2

## 2024 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, 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 2024. 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 2024. 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 2024.

## Important information about the 2024 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 2024.
- All course costs as outlined must be paid in full by 1 April 2024.
- 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)

### ON-LINE LEARNING ENHANCEMENT PLATFORMS

#### **Education Perfect:**

Year 12 and 13 students:

Your child will be able to access Education Perfect online learning as a trial until the end of March. This digital platform supports their learning and has many benefits:

- Students can access the resource from home
- Teachers can set regular homework which can be accessed from home or school and be monitored by caregivers
- Facilitates teachers being able to individualise learning programmes
- Consolidate and reinforce concepts covered in class
- Will develop student agency about managing schoolwork

They will have a full license to access all curriculum subjects including Maths, Science, English, Languages, Social Sciences, Health, Digital Technologies, ESOL.

This is highly recommended as a valuable educational enhancement platform. Teachers can use this to set personalised tasks for students that can accelerate and extend their learning at the appropriate level. This license will be loaded onto your child's account unless we are notified otherwise. \$23 per subject.

#### **Turnitin:**

Year 11-13 students:

Over 85% of our students will go on to university or tertiary study from Sancta Maria College. To ensure the best preparation for their academic writing the college will be using for Years 9-13 students an academic tool called Turnitin.

Sancta Maria College Year 9-13 students will have full access to the Turnitin Assignment tool for every assessment submission. Turnitin is a 'text-matching' software which is designed to educate students regarding appropriate citation and referencing techniques. Turnitin is also used to provide our College with confidence in the academic integrity of student work. Turnitin does this by comparing a student submission against an archive of Internet documents, Internet data, a repository of previously submitted papers, and subscription repository of periodicals, journals, and publications. Turnitin then creates an 'Originality Report' which can be viewed by both teachers and students, which identifies where the text within a student submission has matched another source.

It is important to note that Turnitin does not detect plagiarism. Turnitin will only match the text within a student's assignment to text located elsewhere (e.g. found on the Internet, within journals or on databases of student papers). Correct interpretation of these results by both teachers and students is essential for the successful use of Turnitin.

It also protects our students' original work from being used without citation by another person and serves as a learning tool to help instructors and students better identify and correct unintentional plagiarism.

These skills are necessary at university and Turnitin is used at both Auckland University and AUT for all their student assessment submissions.

This \$15 license will be loaded onto your account unless we are notified otherwise.

# Qualifications available

In 2024, 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 credit 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 standard 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 includes 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 2024, 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 an 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 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 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 who 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

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

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

# Standards Based Assessment

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

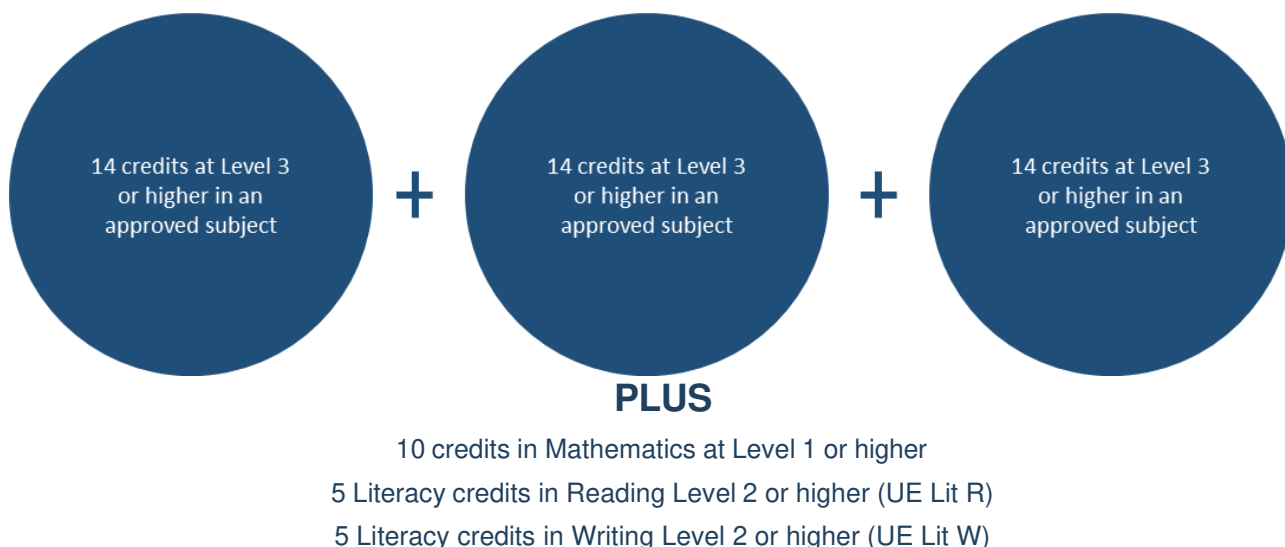
	Achievement Standards	Unit Standards
<b>Definition</b>	A nationally registered, coherent set of learning outcomes and associated performance criteria for achieved merit and excellence grades.	A nationally registered, coherent set of learning outcomes and associated performance criteria
<b>Nationally 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 Competent/not yet competent



# Entrance to New Zealand Universities

Minimum entry requirements to university for the 2024 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 Māori

## 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 Māori

## Technology

The Level 3 subjects in bold are provisionally scheduled to be taught at Sancta Maria College in 2024.

## Additional University Entry Requirements and Guaranteed Entry Scores

Several university programmes have additional entry requirements, especially where admission is competitive or restricted (e.g. 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-focused 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.

Students wishing to participate must commit to:

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

#### School Curriculum

Students need to put strategies in place to catch up on missed schoolwork while in the workplace. 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

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

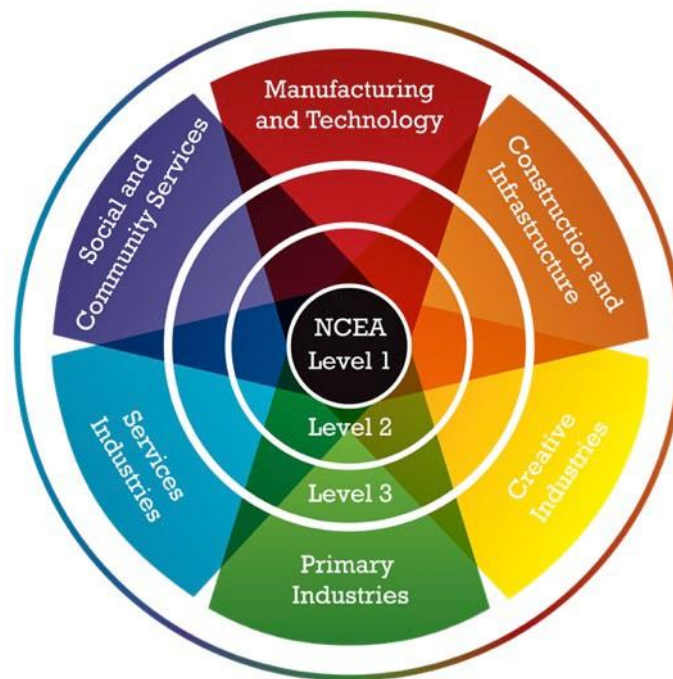
## Secondary Tertiary Alignment Resource (STAR)

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

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

## Vocational Pathways

In our Curriculum Guide, most 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.**

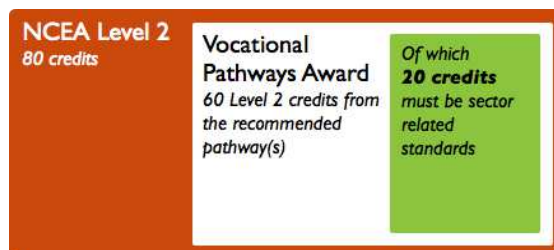
CRE= Creative Industries  
PRI= Primary Industries  
SER= Service Industries

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 2 Senior Subject Chart

Year 12 – Level 2	Code	Year 12 – Level 2	Code
Religious Education	12RED	Travel and Tourism	12TTM
Art – Design	12ARD	World of Work	12WOW
Art – Photography	12APH	Design and Visual Communication	12DVC
Art – Visual Art (Painting/Sculpture)	12ART	<b>Choose only one of the following</b>	<b>Code</b>
Biology	12BIO	Materials and processing technology - Hard Materials	12THM
Chemistry	12CHE	Materials and processing technology - Food	12FAH
Commerce	12COM	Materials and processing technology - Textiles	12FAD
Drama	12DRA		
Digital Technologies	12DTG		
English – 12ENG	12ENG		
English EAP – 12EAP	12EAP		
Geography	12GEO		
History	12HIS		
Japanese	12JPN		
Mathematics – 12MAT	12MAT	<b>Total number of subjects at L2 = 7</b>	
Mathematics – 12MAS	12MAS	3 compulsory	
Media Studies	12MED	4 option choices	
Music	12MUS	<b>Compulsory Subjects</b>	
Physical Education Studies	12PES	Religious Education	
Physical Education – Core	12PED	1 English subject (ENG or EAP)	
Physics	12PHY	Physical Education	
Manukau Institute of Technology Trades Academy	12MIT		



## 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	Travel and Tourism	13TTM
Art – Sculpture*	13ASC	Technology - Design and Visual Communication*	13DVC
Biology *	13BIO		
Business Studies*	13BUS		
Chemistry *	13CHE	<b>Choose only one of the following</b>	<b>Code</b>
Classical Studies *	13CLS	Materials and processing technology - Hard Materials	13THM
Digital Technologies*	13DTG	Materials and processing technology - Food	13FAH
Drama*	13DRA	Materials and processing technology - Textiles	13FAD
Economics*	13ECO	<b>*University Approved</b>	
English*	13ENG		
English Alternative*	13ENA		
English EAP	13EAP		
Geography*	13GEO		
History *	13HIS	<b>Total number of subjects at L3 = 6</b>	
Japanese*	13JPN	1 compulsory	
Mathematics - Calculus *	13MAC	5 option choices	
Mathematics -Statistics and Modelling *	13MAS	<b>Compulsory Subjects</b>	
		Religious Education	

## RELIGIOUS EDUCATION NCEA Level 2

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

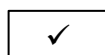
6 credits in Level 1 Religious Studies standards is a general minimum but students are promoted by cohort.

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

### Who could tell me more?

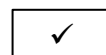
Mrs Maddison - HOD Religious Education

### This course is assessed using:



Achievement Standards

### This course is:



Internally assessed

### What will I learn?

Topics covered will include:

- Justice and Peace
- The Reformation
- Marriage and Commitment
- The Prophets

### What are the course enhancement costs?

Retreat \$25

Digital online resource \$10

### This course leads to:

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

AS	Title	Credits	Internal or External
AS90822	Explain how a contemporary social action derives from the ethical principles of a religious tradition	6	I
AS90821	Explain the changes in an expression(s) of a religious tradition	6	I
AS91724	Explain a significant theme in a sacred text within a religious tradition.	6	I

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024**

## ART- Design NCEA Level 2

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

Received a High Achieved in NCEA Level 1 External examination.

### Who could tell me more?

Ms Turner - HOD Art.

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

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

### What are the course enhancement costs?

\$105.00. There will also be a cost associated with local trip.  
Approximately \$20 paid at the time of the event.

### This course leads to:

NCEA Level 3 Design, Sculpture or Painting.

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

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024.**

## ART – VISUAL ARTS (Painting / Sculpture) NCEA Level 2

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

Received a High Achieved in NCEA Level 1 External examination.

**Who could tell me more?**

Ms Turner - HOD Art.

**This course is assessed using:**

Achievement Standards

**This course is:**

Internally assessed

Externally assessed

**What will I learn?**

Students will learn how to generate and develop ideas using drawing methods, established practice, materials, processes and techniques appropriate to the discipline they are studying. The disciplines studied in Level 2 Visual Arts are: Painting and Sculpture.

**What are the course enhancement costs?**

\$180.00 (includes \$30 printing credit and \$30 bond for DSLR camera). A local trip cost of approximately \$20.00 paid at the time of the event.

**This course leads to:**

NCEA Level 3  
Photography, Sculpture or Painting.

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

**AS = Achievement Standard**

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

**Final details will be given at the beginning of 2024.**

**ART - PHOTOGRAPHY  
NCEA Level 2**

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

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

**Who could tell me more?**

Ms Turner - HOD Art

**This course is assessed using:**

Achievement Standards

**This course is:**

Internally assessed

Externally assessed

**What will I learn?**

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

**What are the course fees and costs?**

\$130.00 (includes a \$30 bond for DSLR Camera) A local trip cost of approximately \$20.00 paid at the time of the event.

**This course leads to:**

NCEA Level 3  
Photography. NCEA  
Level 3 Sculpture

AS	Domain	Title	Cred its	Internal or External
AS91312	Photography	Use drawing methods to apply knowledge of conventions appropriate to photography.	4	I
AS91322	Photography	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	12	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024.**

## BIOLOGY NCEA Level 2

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

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

### Who could tell me more?

Mr Williamson - HOD Science, Dr Laux

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

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

### What are the course enhancement costs?

Take home workbook approx. \$45 – ordered through Office Max online  
Education Perfect  
Fieldtrip cost: Tiritiri Matangi Island approx. \$70

### This course leads to:

NCEA Level 3 Biology  
NCEA Level 3 Science

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

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024**

## CHEMISTRY NCEA Level 2

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

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

### Who could tell me more?

Mrs Singh  
Mrs Mohammed  
Mr Williamson - HOD Science

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

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

### What are the course enhancement costs?

Take home workbook approx. \$45 – ordered through Office Max online  
Education Perfect  
Lab coat approx. \$40 (optional)  
Safety glasses \$5 (optional)

### This course leads to:

NCEA Level 3 Chemistry  
NCEA Level 3 Science

AS	Domain	Title	Credits	Internal or External
AS91910	Chemistry	Carry out a practical investigation into a substance present in a consumer product using quantitative analysis	4	I
AS91167	Chemistry	Demonstrate understanding of oxidation-reduction (Optional)	3	I
AS91164 (L1 Lit)	Chemistry	Describe understanding of the nature of bonding, structure and enthalpy.	5	E
AS91165 (L1 Lit)	Chemistry	Demonstrate understanding of the properties of selected organic compounds.	4	E
AS91166 (L1 Lit)	Chemistry	Describe understanding of equilibrium systems.	4	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024.**

## COMMERCE Level 2 12COM

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

Commerce Level 1 – 14 credits achieved

### Who could tell me more?

Mrs Du Burgess – TiC Commerce/Miss Whitford/Ms Redwood – HoD Social Sciences

### This course is assessed using:

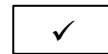


Achievement Standards

### This course is:



Internally assessed



Externally assessed

### What will I learn?

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

### What are the course enhancement cost?

\$30.00 Workbook purchased from school

### This course leads to:

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

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

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024.**



## DIGITAL TECHNOLOGIES NCEA Level 2

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

At least 12 credits in Level 1 Digital Technologies

### Who could tell me more?

Mr Glasse - HOD Digital Technologies

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

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

**What are the course enhancement costs?** \$10.00 online learning platform

**This course leads to:**  
Year 13 Digital Technologies

AS	Domain	Title	Credits	Internal or External
AS91897	Digital Technologies	Use advanced processes to develop a digital technologies outcome	6	I
AS91893	Digital Technologies	Use advanced techniques to develop a digital media outcome	4	I
AS91896	Digital Technologies	Use advanced programming techniques to develop a computer program	6	I
AS91899	Digital Technologies	Present a summary of developing a digital outcome	3	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024.**

## DRAMA NCEA Level 2

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

Level 1 Drama or approval granted by Drama HOD

### Who could tell me more?

Mrs Oliver - HOD Drama

NZQA Website

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

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

### What are the course enhancement costs?

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

### This course leads to:

NCEA Level 3 Drama

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

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024.**

## ENGLISH FOR ACADEMIC PURPOSES – 12EAP NCEA Level 1 and 2

### Who is this course for?

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

### Who could tell me more?

Ms A Picot – HOD ESOL

### This course is assessed using:

- Unit Standards  
 Achievement Standards

### This course is:

- Internally assessed  
 Externally assessed

### What will I learn?

12EAP is the first year in a two year course in which students will work towards gaining UE literacy. The four domains of the English language (Listening, Speaking, Reading, and Writing) will be embedded into the programme, giving students the chance to grow and develop in each.

Vocabulary extension will also be a focus area through AS31006. Research tasks are included, as the skills involved are extremely important for being able to read, write and present successfully in an academic context.

English Language Unit Standards at NCEA Level 3 will be used as a stepping-stone into English for Academic Purposes unit standards.

### What are the course enhancement costs?

Nil

### This course leads to:

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

US / AS	Domain	Title	Credits	Internal or External
US31008 (Level 3) or AS90854	English Language	Read and understand a range of straightforward written texts independently.	5	I
US28070 (Level 3)	English Language	Write a response for a specific purpose	5	I
AS 90853 (L1 Lit)	English	Use information literacy skills to form conclusion(s)	4	I
US31027 or EAP 30510	English Language	Deliver a developed presentation on a familiar topic.	5	I

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

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2022.**

## ENGLISH – 12ENG NCEA Level 2

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

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

### Who could tell me more?

Ms Du-Blom HOD English or your English teacher

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

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

### What are the course enhancement costs?

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

### This course leads to:

NCEA Level 3 English

AS	Domain	Title	Credits	Internal or External
AS91098 (UE Lit R/W)	English	Analyse specified aspect of a studied written text	4	E
AS91100 (UE Lit R/W)	English	Analyse specified aspect of unfamiliar written texts through close reading	4	E
AS91101 (UE Lit W)	English	Produce a selection of crafted and controlled writing.	6	I
AS91104	English	Analyse significant connections across texts	4	I
AS91107		OR Analyse aspects of visual and/or oral texts through close viewing and/or listening with evidence	3	I
AS91102	English	Construct and deliver a crafted and controlled oral text	3	I
AS91103		OR Create a crafted and controlled visual and verbal text	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 2024**

## Geography NCEA Level 2

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

Students can enter Level 2 Geography without completing the Level 1 course, at the discretion of the TiC of Geography and HOD of Social Sciences, who will take into consideration their other Level 1 results.

### Who could tell me more?

Miss Bradley - TiC Geography / Mr Rimamate / 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 Year 12 Geography programme covers:

- How a natural landscape is created and how it develops and evolves.
- An understanding of selected geographic issues of local and global significance.
- An opportunity for students to carry out and present geographic research with guidance for the teachers.

### What are the course enhancement costs?

A field trip to an appropriate location may be undertaken. The cost will be no more than \$300 per student and must be paid in full prior to the date of the trip.

### This course leads to:

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

AS	Title	Credits	Internal or External
AS91240 (UE Lit R/W)	Demonstrate geographic understanding of a large natural environment.	4	E
AS91241	Demonstrate geographic understanding of an urban pattern.	3	I
AS91244	Conduct geographic research with guidance.	5	I
AS91245	Explain aspects of a contemporary New Zealand geographic issue.	3	I
AS91246	Explain aspects of a geographic topic at a global scale.	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 2024.**

# HISTORY

## NCEA Level 2

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

At least **16** Level 1 Literacy credits. Students can enter Level 2 History without completing the Level 1 History course, at the discretion of the HOD Social Sciences, who will take into consideration their other Level 1 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. In this course we focus on major historical conflicts that heavily influenced the course of the 20<sup>th</sup> century and beyond.

In 2024, we will study selected historical events, which could include:

- The Russian Revolution and the impact of Communism on NZ and the 20<sup>th</sup> century world.
- A selected event in Aotearoa New Zealand history
- A selected event in World History and its impact on New Zealand
- The Cold War and its impact on New Zealand (1945-1989)
- The Israel-Palestine conflict (post-WW1 to present day)
- The American involvement in the Vietnam War (1955-1975) and its significance for New Zealand.

### What are the course enhancement costs?

Where possible, a field trip to an appropriate location will be offered to students (subject to Covid-19). The cost of this field trip will be advised beforehand and must be paid in full before students can participate. Approx \$300

### This course leads to:

Level 3 History and Level 3 Classical Studies. However, each year of History is designed so that you can pick it up at any level.

AS	Domain	Title	Credits	Internal or External
AS91230 (UE Lit R)	History	Examine an historical event, or place, of significance to New Zealanders.	5	I
AS91232 (UE Lit R)	History	Interpret different perspectives of people in an historical event of significance to New Zealanders.	5	I
AS91233 (UE Lit R/W)	History	Examine causes and consequences of a significant historical event.	5	E
AS91234 (UE Lit R)	History	Examine sources of a significant historical event that is of significance to New Zealanders.	4	E

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024.**

# JAPANESE NCEA Level 2

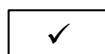
**Prerequisite:**

Gaining 15 Achieved Credits in NCEA Level 1 Japanese or equivalent

**Who could tell me more?**

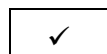
Ms Kevern - HOD Languages (Japanese)

**This course is assessed using:**

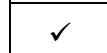


Achievement Standards

**This course is:**



Internally assessed



Externally assessed

**What will I learn?**

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

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

**What are the course enhancement costs?**

Education enhancement online resource \$23  
Take home workbook \$35 – Online from Officemax  
ALC Certificate 2 Japanese \$20

**This course leads to:**

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

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

AS	Domain	Title	Credits	Internal or External
AS91133	Japanese	Demonstrate understanding of a variety of spoken Japanese texts on familiar matters.	5	E
AS 91135	Japanese	Give a spoken presentation in Japanese that communicates information, ideas and opinions.	4	I
AS 91136	Japanese	Demonstrate understanding of a variety of written/visual Japanese text(s) on familiar matters.	5	E
AS 91137	Japanese	Write a variety of text types in Japanese for genuine contexts.	5	I

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024.**

## MATHEMATICS – 12MAT NCEA Level 2

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

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

### Who could tell me more?

Mrs Vickers - HOD Mathematics and Statistics

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

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

### What are the course enhancement costs?:

Education online learning \$23 and a take home workbook approx \$30 ordered from Officemax. Opportunity to purchase take home external examination revision booklets \$20

### This course leads to:

NCEA Level 3 Statistics and Modelling or Mathematics with Calculus.

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

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024**



## MATHEMATICS – 12MAS NCEA Level 2

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

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

### Who could tell me more?

Mrs Vickers - HOD Mathematics and Statistics

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

- Networks
- Statistics
- Probability

### What are the course enhancement costs?:

Take home workbook approx \$32, ordered from Officemax online. In addition an opportunity to purchase take home external examination revision booklets \$7 each.

### This course leads to:

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

AS	Domain	Title	Credits	Internal or External
AS91268	Statistics	Investigate a situation involving elements of chance using a simulation	2	I
AS91260	Probability	Use networks in solving problems.	2	I
AS91264	Statistics	Use statistical methods to make an inference.	4	I
AS91265	Statistics	Conduct an experiment.	3	I
AS91258	Mathematics	Apply sequences and series in solving problems	2	I
AS91267	Probability	Apply probability methods in solving problems.	4	E

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024**

## MEDIA STUDIES – 12MED NCEA Level 2

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

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

### Who could tell me more?

Ms Du-Blom HOD English/Media or your Media Teacher

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

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

### What are the course enhancement costs?

Take home SD cards \$15

Students will also require: USB memory stick

### This course leads to:

NCEA Level 3 Media Studies

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

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024**

## MUSIC NCEA Level 2

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

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

### Who could tell me more?

Mr Gibbs HOD Music

### This course is assessed using:

Achievement and Unit Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

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

### What are the course enhancement costs?

Nil

### This course leads to:

NCEA Level 3 Music

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

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

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

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024**

## PHYSICAL EDUCATION STUDIES 12PES NCEA Level 2

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

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

HOD Discretion

### Who could tell me more?

Mr James, HOD Health and Physical Education. Mr Bacon, TIC Level 2 PES.

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

### What will I learn?

- Anatomy and biomechanics to improve sporting performance
- Skill-learning principles and psychological skills in relation to physical activity
- Complete a snorkeling & practical performance assessment in the chosen sport
- Investigate the sociological significance of a sporting event, physical activity, or festival
- Participate in outdoor education / camp, demonstrating and applying knowledge of safety issues

### What are the course costs?

\$400.00 This cost covers camp, fitness excursions, transport, facilities and external instructor fees.

### This course leads to:

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

AS	Title	Credits	Internal or External
AS91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills.	5	I
AS91331	Examine the significance for self, others and society of a sporting event, a physical activity or a festival.	4	I
AS91330	Perform a physical activity in an applied setting.	4	I
AS91333	Demonstrate knowledge of safety issues and apply safety management procedures in a physical activity.	3	I

**AS = Achievement Standard. Total credits= 16**

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

**Final details will be given at the beginning of 2024.**

## PHYSICAL EDUCATION - CORE NCEA Level 2

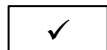
### Prerequisite (What should I have already done?)

Level 1 Core Physical Education

### Who could tell me more?

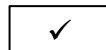
Mr James - HOD Physical Education and Health

### This course is assessed using:



Achievement Standards

### This course is:



Internally assessed

### What will I learn?

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

### What are the course costs?

\$60.00 Recreation and Leisure day cost (this covers Gravity, Ice skating, 10 Pin Bowling and transport to and from venues).

### This course leads to:

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

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

**AS = Achievement Standard. Total credits= 7**

**This is only an indication of the assessments that may be covered in this course.  
Final details will be given at the beginning of 2024.**

## PHYSICS NCEA Level 2

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

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

### Who could tell me more?

Mr Williamson HOD Science, Mr Johnson or Mr Mack

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

Topics covered:

- Mechanics – acceleration, velocity
- Radioactivity and atoms
- Electricity and electromagnetism
- Practical investigation

### What are the course enhancement costs?

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

### This course leads to:

NCEA Level 3 Physics  
NCEA Level 3 Science

AS	Domain	Title	Credits	Internal or External
AS91171	Physics	Demonstrate understanding of mechanics.	6	E
AS91173	Physics	Demonstrate understanding of electricity and electromagnetism.	6	E
AS 91172	Physics	Demonstrate understanding of atomic and nuclear physics	3	I
AS91168	Physics	Carry out a practical physics investigation that leads to a nonlinear mathematical relationship.	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 2024**

## 12MIT –TRADES ACADEMY NCEA Level 2

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

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

### Who could tell me more?

Mrs Lucy Rogers - HOD Careers

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

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

### This course is assessed using:

✓ Unit Standards

### This course is:

✓ Internally assessed

### Courses offered in 2024

Automotive  
Engineering  
Building (full year course)  
Careers Preparation and skills for assisted learners  
Carpentry (half year)  
Digital Technologies  
Early Childhood Education  
Electrical (half year)  
Hairdressing  
Hospitality  
Travel and Tourism

Approximately 20-30 level 2 unit standard credits per course. Half or full year courses are available. For more detailed information about the standards see Mrs Rogers.

### What are the course enhancement costs?

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

### This course leads to:

Tertiary opportunities in a particular trade or area

US = Unit Standards

## 12 World of Work NCEA Level 2

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

Completed Year 11. Completed a career planning interview.

### Who could tell me more?

Mrs Rogers - HOD of Careers

### This course is assessed using:

Unit Standards

### This course is:

Internally assessed

### What will I learn?

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

### What are the course enhancement costs?

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

### This course leads to:

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

US	Domain	Title	Credits	Internal or External
4252	Work and study skills	Produce a targeted CV (Curriculum Vitae)	2	I
4251	Work and study skills	Plan a career pathway	2	I
17593	Occupational H&S Practice	Apply safe work practice in the workplace	4	I
12383	Work and study skills	Explore career options and their implications	2	I

US = 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 2024.



## TRAVEL AND TOURISM NCEA Level 2

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

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

### Who could tell me more?

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

### This course is assessed using:

Unit Standards

### This course is:

Internally assessed

### What will I learn?

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

### What are the course enhancement costs?

N/A

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

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

**US = Unit Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024.**

## TECHNOLOGY - MULTI MATERIALS TECHNOLOGY NCEA Level 2

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

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

### Who could tell me more?

Mrs Rehu - HoD Technology or Mr Kathnaur

### This course is assessed using:

- ✓ Achievement Standards
- ✓ Unit Standards

### This course is:

- ✓ Internally assessed
- ✓ Externally assessed

### What will I learn?

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

### What are the course enhancement costs?

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

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

### This course leads to:

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

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

**AS = Achievement Standard**

**This is only an indication of the assessments that may be covered in the course.  
Final details will be given at the beginning of 2024.**

## TECHNOLOGY 12DVC

### Design and Visual Communication (Graphics)

### NCEA Level 2

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

NCEA DVC Level 1

**Who could tell me more?**

Mrs Rehu HOD Technology or Mr Weijermars

**This course is assessed using:**

✓ Achievement Standards

**This course is:**

✓ Internally assessed

✓ Externally assessed

**What will I learn?**

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

**What are the course enhancement costs?**

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

**This course leads to:**

NCEA Level 3 DVC

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

AS	Domain	Title	Credits	Internal or External
AS91337	Design and Visual Communication	Use visual communication techniques to generate design ideas.	3	E
AS91338	Design and Visual Communication	Produce working drawings to communicate technical details of a design.	4	E
AS91340	Design and Visual Communication	Use the characteristics of a design movement or era to inform own design ideas	4	I
AS91341	Design and Visual Communication	Develop a spatial design through graphics practice.	6	I
AS91342	Design and Visual Communication	Develop a product design through graphics practice.	6	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 2024.**

# TECHNOLOGY 12FAH – FOOD TECHNOLOGY AND HOSPITALITY NCEA LEVEL 2

**Prerequisite (What should I have already done?)** If you have a passion for creating food, and an interest in food service, and catering or a fascination of the science behind food and food product development, then this is the course for you. Completion of a Technology based option at Year 10-11 or having an interest in the sciences, will support your learning in FAH 2024.

**Who could tell me more?**

Mrs Rehu – HOD Technology

**This course is assessed using:**

Achievement/Unit Standards

**This course is:**

Internally assessed

Externally assessed

**Your options and what I will learn:**

**Option 1: Hospitality Pathway on its own with three units of work:**

Kitchen Hygiene and Art of Coffee

This course offers **unit standards**.

**Option 2: Technology Food Pathway on its own with two units of work which will be decided in class.**

This course offers **achievements standards**.

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

Note: A combination of both options may be possible in consultation with the HOD Technology.

**What are the course enhancement costs?** \$120.00 for consumable material (ingredients) students will use in practical work.

**This course leads to:** NCEA Level 3 Food Technology and Hospitality (FAH). Various SMC food events and the culinary salon competition.

I	Domain	Title	Credits	Internal or External
<b>Option 1 HOSPITALITY – UNIT STANDARDS</b>			<b>12 Cr</b>	
US167	Food Safety	Practice food safety methods in a food business (studied in Food Technology as well)	4	I
US13281	Cookery	Prepare and present basic sandwiches for service	2	I
US13283	Cookery	Prepare and present salads for service	2	I
US 13285	Food Safety	Handle and maintain knives	2	I
US13280	Cookery	Prepare fruit and vegetable cuts	2	I
<b>Option 2 FOOD TECHNOLOGY – ACHIEVEMENT STANDARDS – UE Approved</b>			<b>14 Cr</b>	
AS913574	Generic Technology	Undertake effective development to make and trial a prototype	6	I
AS91359	Generic Technology	Demonstrate understanding of the role of material evaluation in product development	4	E
AS91351	Processing Technologies	Implement advanced procedures to process a food product	4	I

AS = Achievement Standard (Technology) U S = Unit Standards (Hospitality)

This is only an indication of the assessments that may be covered in the course. Final details will be given at the beginning of 2024.  
You will only be able to take up to 18 credits in 2020, from either Hospitality and/or Food Technology.

Hospitality course = 12 Technology Food = 14

# TECHNOLOGY FAD – FASHION AND DESIGN

## NCEA Level 2

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

Textiles Technology Level 1 is an advantage but not a prerequisite. Students need to know how to use a sewing machine or be prepared to learn. Foundation Textiles skills will be offered. It would also be an advantage to have studied another Technology courses in Year 10 or 11.

### Who could tell me more?

Mrs Rehu HOD Technology

### This course is assessed using:

Achievement Standards

### This course is:

Internally assessed

Externally assessed

### What will I learn?

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

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

### What are the course enhancement costs?

Classroom Resources / toile materials \$100\*

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

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

\*support may be offered as required, on an individual basis.

### This course leads to:

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

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

**This is only an indication of the assessments that may be covered in the course. Final details will be given at the beginning of 2024. A total of 18 credits will be offered in this course.**



**For more information contact:**

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