



LEVEL 3

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

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 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 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.

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

Credits have three possible grades levels of success

- Achieved
- Merit
- Excellence

Endorsement of National Certificates in Educational Achievement (NCEA)

50 credits at Excellence to gain an NCEA endorsed with Excellence

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

Course Endorsement Certificates in Educational Achievement (NCEA)

For a Course Endorsement a student will need to achieve at least 14 credits at Merit or Excellence in a particular subject (regarded as a course by NZQA) and 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 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

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

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

Standards Based Assessment

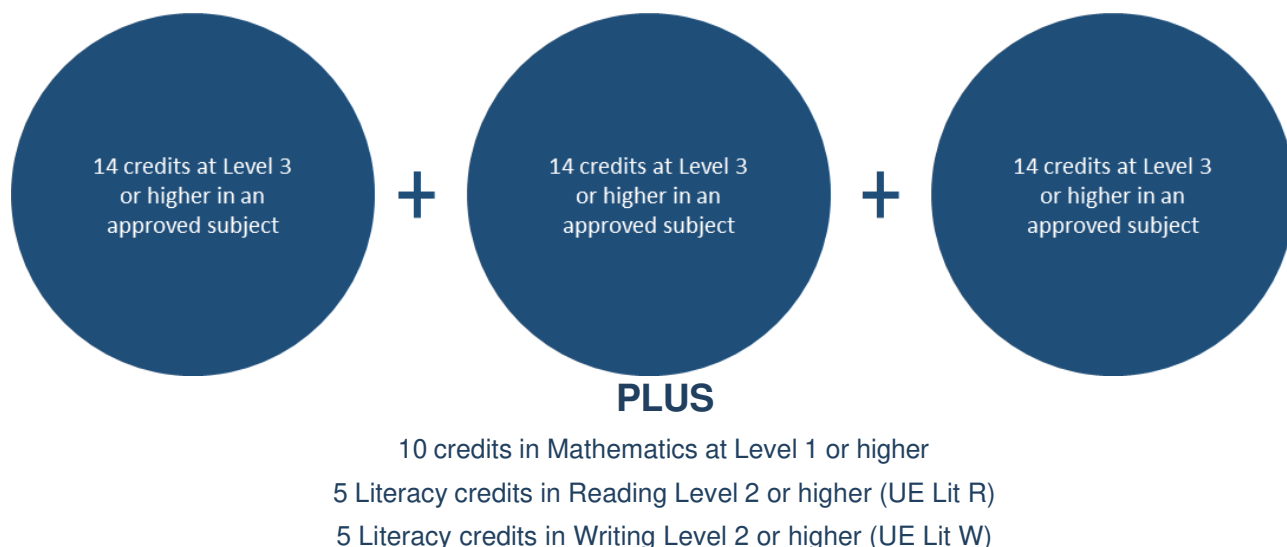
Standards Based Assessment is a process of judging learner achievement against pre-defined standards (learning outcomes). Students gain credits which go towards a national qualification. Credits can be gained either via Achievement Standards or by Unit Standards. Internal Assessment work for the NCEA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

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

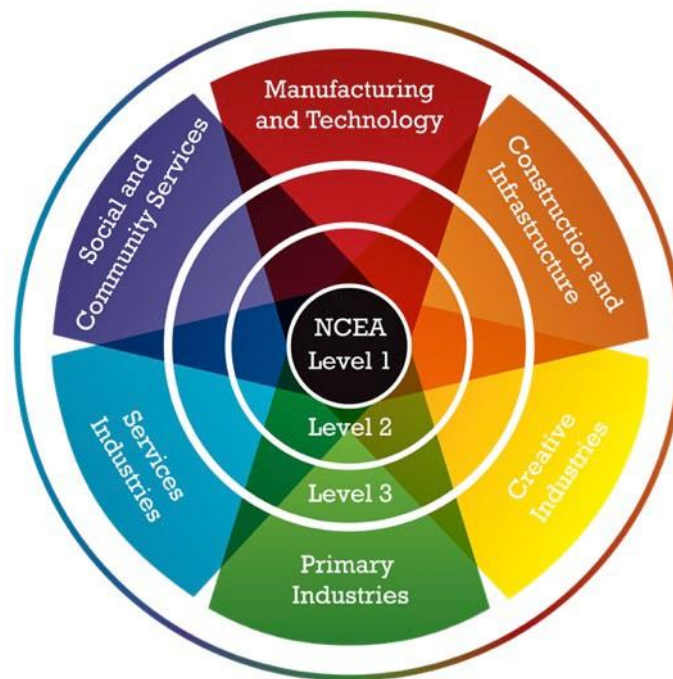
Secondary Tertiary Alignment Resource (STAR)

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.**

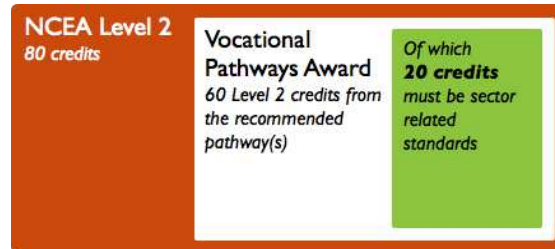
CRE= Creative Industries
PRI= Primary Industries
SER= Service Industries

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 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	Choose only one of the following	Code
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	*University Approved	
English*	13ENG		
English Alternative*	13ENA		
English EAP	13EAP		
Geography*	13GEO		
History *	13HIS	Total number of subjects at L3 = 6	
Japanese*	13JPN	1 compulsory	
Mathematics - Calculus *	13MAC	5 option choices	
Mathematics -Statistics and Modelling *	13MAS	Compulsory Subjects	
		Religious Education	

RELIGIOUS EDUCATION NCEA Level 3

Prerequisite (What should I have already done?)

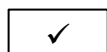
6 credits in Level 3 Religious Studies standards is a general minimum but students are promoted by cohort.

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

Who could tell me more?

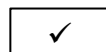
Mrs Maddison - HOD Religious Education

This course is assessed using:



Achievement Standards

This course is:



Internally assessed

What will I learn?

Topics covered will include:

- Bioethical Issues
- Finding Meaning – Philosophy and Secularism
- Expressions of Religion in Aotearoa New Zealand

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	Title	Credits	Internal or External
AS90826 (UE Lit R)	Analyse the response of a religious tradition to a contemporary ethical issue.	6	I
AS90827 (UE Lit R)	Analyse the key beliefs of a religious tradition and a secular world view in relation to ultimate questions.	6	I
AS90825 (UE Lit R)	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 2024.**

ACCOUNTING NCEA Level 3

Prerequisite (What should I have already done?)

Achieved at Level 2 NCEA and at the discretion of the HOD.

Who could tell me more?

Mrs Du Burgess – TIC Commerce Ms
Redwood – HOD Social Sciences

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

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?

\$135.00. A local trip cost of approximately \$20.00 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 2024.**

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 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?

\$120.00. A local trip cost of approximately \$20.00 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 2024.**

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 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?

\$180.00 (includes \$30 DSLR camera bond). A local trip cost of approximately \$20.00 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 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 2024.**

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 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?

\$230.00 (includes \$80 printing credit and \$30 DSLR camera bond).
A local trip cost of approximately \$20.00 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 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 2024.**

BIOLOGY

NCEA Level 3

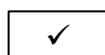
Prerequisite (What should I have already done?)

- 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?

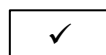
Mr Williamson - HOD Science and or Dr Laux

This course is assessed using:

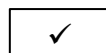


Achievement Standards

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

What are the course enhancements costs?

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

Fieldtrips

- Auckland Zoo approx. \$30
- Auckland Museum approx. \$30

This course leads to:

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

AS	Title	Credits	Internal or External
AS91603 (UE Lit R/W)	Demonstrate understanding of the responses of plants and animals to their external environment.	5	E
AS91604 (UE Lit R)	Demonstrate understanding of how an animal maintains a stable internal environment.	3	I
AS91606 (UE Lit R/W)	Demonstrate understanding of trends in human evolution.	4	E
AS91607 (UE Lit R)	Demonstrate understanding of human manipulations of genetic transfer and its biological implications.	3	I
AS91602 (UE Lit R)	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 2024**

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).
- 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 after donating 10% to a charity of their choice.

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 2024.**

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 2024.**

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?

No set course costs. However, an optional field trip may be possible if any special exhibitions, related to the Classical World, are presented in NZ during 2024. Students will be notified of costs in advance, and these must be paid in full before participation on any field trip can proceed.

This course leads to:

Level 4 papers at a 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.	6	E
AS91395 (UE Lit R)	Analyse the significance of a work(s) of art in the Classical world.	4	E
AS91397 (UE Lit R)	Demonstrate understanding of significant ideologies in the classical world.	6	I
AS91398 (UE Lit R/W)	Demonstrate understanding of the lasting influence of the classical world on other cultures across time.	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 2024.

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 program using Python programming language. This will involve identifying a need, designing and testing your product and developing it to a final version. You will learn how to develop interactive websites as well as advanced Photoshop and InDesign.

What are the course enhancement costs?

Nil

This course leads to:

Tertiary courses in Computer Science, Multimedia, Animation and Software Development.

AS	Domain	Title	Credits	Internal or External
AS91906	Digital Technologies	Use complex programming techniques to develop a computer program	6	I
AS91900	Digital Technologies	Conduct a critical inquiry to propose a digital technologies outcome	6	I
AS91903	Digital Technologies	Use complex techniques to develop a digital media outcome	4	I
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 2024.**

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 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:

Tertiary Education

AS	Title	Credits	Internal or External
AS91513	Devise and perform a drama to realise a concept.	5	I
AS91515 (UE Lit R)	Select and use complex performance skills associated with a drama form or period.	4	I
AS91517 (UE Lit R)	Perform a substantial acting role in a significant production.	5	I
AS91518 (UE Lit W)	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 2024.

ECONOMICS- 13ECO NCEA Level 3

Prerequisite (What should I have already done?)

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
ESA Level 3 Economics Learning Workbook

This course leads to:

Commerce related tertiary courses.

AS	Title	Credits	Internal or External
AS91399 (UE Lit R/W)	Demonstrate understanding of the efficiency of market equilibrium.	4	E
AS91400 (UE Lit R/W)	Demonstrate an understanding of the efficiency of different market structures using marginal analysis	4	E
AS91401 (UE Lit R)	Demonstrate understanding of micro-economic concepts.	5	I
AS91402 (UE Lit R)	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 2024.**

ENGLISH –13ENG NCEA Level 3

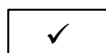
Prerequisite (What should I have already done?)

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?

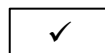
Ms Carol Du-Blom - HOD English or your English teacher

This course is assessed using:

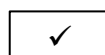


Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

- How to 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 2024.**

ENGLISH ALTERNATIVE–13ENA NCEA Level 3

Prerequisite (What should I have already done?)

At least 8 credits in Level 2 English

Who could tell me more?

Ms Carol 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 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	Title	Credits	Internal or External
AS91472 (UE Lit R/W)	Respond critically to specified aspects of studied written texts.	4	E
AS91475 (UE Lit W)	Produce a selection of fluent and coherent writing.	6	I
AS91478	Respond critically to significant connections across texts	4	I
AS91480	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 2024.**

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 for any student who recognises that their literacy skills need strengthening to be successful in their tertiary studies.

Who could tell me more?

Mrs Price (HOD)

This course is assessed using:

Unit Standards

Achievement Standards

This course is:

Internally assessed

Externally assessed

What will I learn?

Term 1 focuses on the development of reading skills, such as finding literal, inferential and implied meanings of texts; evaluating information within texts; tabulation of information etc. In Term 2, students put these skills into practice as they undertake a research project. Term 3 focuses on writing skills (for example, organisation of ideas; control of sentences; use of connectives to create cohesion, etc.) as students prepare their research reports. The year closes with students presenting their research findings. Vocabulary extension is an ongoing focus for students also.

What are the course enhancement costs?

Nil

This course leads to:

University Entrance literacy requirements

US / AS	Title	Credits	Internal or External
EAP22751 (UE Lit R)	Read and process information in English for an academic purpose	6	I
AS 91105 (UE Lit R/W)	Use information literacy skills to form developed conclusions.	4	I
EAP22750 (UE Lit W)	Write a crafted text for a specified audience using researched material in English for an academic purpose.	6	I
EAP22891	Deliver an oral presentation in English for an academic purpose.	5	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 2024.**

GEOGRAPHY

NCEA Level 3

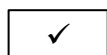
Prerequisite (What should I have already done?)

Students can enter Level 3 Geography without completing Level 1 or 2 courses, at the discretion of the TiC of Geography and the HOD of Social Sciences, who will take into consideration their other Level 2 results.

Who could tell me more?

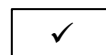
Miss Bradley - TiC Geography / Mr Rimamate / Ms Redwood – HOD Social Sciences

This course is assessed using:

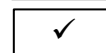


Achievement Standards

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 Level 3 Geography programme covers:

- The cultural process of tourism development will be studied in Rotorua.
- The opportunity for students to carry out and present geographic research in consultation with their teacher.
- An understanding of selected geographic issues of local and global significance.

What are the course enhancement costs?

A field trip to an appropriate location may be undertaken. The cost will be no more than \$300. The cost of the field trip 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.

AS	Title	Credits	Internal or External
AS91427 (UE Lit R/W)	Demonstrate understanding of how a cultural process shapes geographic environment(s).	4	E
AS91430	Geographic research with consultation.	5	I
AS91431 (UE Lit R)	Analyse aspects of a contemporary geographic issue.	3	I
AS91432	Analyse aspects of a geographic topic at a global scale.	3	I
AS91428	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 2024.**

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

- British Imperialism and the American Declaration of Independence (1776)
- The American Revolutionary War (1776-1783)
- Life in Nazi Germany; the Holocaust and its significance to New Zealanders (1940s to present day)
- An important historical event from Aotearoa New Zealand History (1900s-2000s)
- An important historical event from World History
- The History of Crime and Punishment (1500s-1900s); how it has shaped New Zealand's legal system.

What are the course enhancement costs?

Where possible, an optional field trip to an appropriate location will be offered to students.

Students will be advised of the cost and must pay in full to be able to participate. Approx \$300.

This course leads to:

Level 4 papers at a University / Tertiary Institute.

AS	Title	Credits	Internal or External
AS91435 (UE Lit R)	Analyse an historical event, or place, of significance to New Zealanders.	5	I
AS91436 (UE Lit)	Analyse evidence relating to an historical event of significance to New Zealanders	4	E
AS91439 (UE Lit)	Analyse a significant historical trend and the force(s) that influenced it.	6	E
AS91434 (UE Lit)	Research an historical event or place of significance to New Zealanders, using primary and secondary sources.	5	I

AS = Achievement Standard.

This is only an indication of the possible assessments that may be covered in the course. Further information on assessments will be finalised and given at the beginning of 2024.

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	Title	Credits	Internal or External
US3727	Demonstrate knowledge of Pacific Island countries as visitor destinations.	5	I
US18211	Demonstrate knowledge of Australia as a tourist destination.	5	I
US18212	Demonstrate knowledge of New Zealand as a tourist destination.	8	I
US28126	Demonstrate knowledge of world geography, including the Pacific Islands and Australia, relevant to the travel industry	5	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.**

JAPANESE NCEA Level 3

Prerequisite:

Gaining 15 Achieved credits in Level 2 Japanese or equivalent

Who could tell me more?

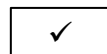
Ms Kevern - HOD Languages (Japanese)

This course is assessed using:

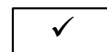


Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

In a wide range of everyday situations (such as travel & tourism, workplace, 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 detail; 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 \$23

Take homework book \$35 from OfficeMax online.

ALC Certificate 3 Japanese \$20

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 2024.**

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?

Mr Vickers - HOD Mathematics and Statistics

This course is assessed using:

Achievement Standards

This course is:

Internally assessed

Externally assessed

What will I learn?

- Algebra
- Simultaneous Equations (optional)
- Trigonometry
- Calculus; derivatives and integrals
- Real and complex numbers

What are the course enhancement costs:

Education online learning resource \$23. Take home workbooks ordered through OfficeMax, approximately \$30. Opportunity to purchase take home external examination revision booklets \$20.

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 2024.**

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?

Mr Vickers - HOD Mathematics and Statistics

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
- Probability distributions
- Critical Path Analysis (optional)

What are the course enhancement costs:

Take home workbooks ordered through OfficeMax, approximately \$30. Education online learning resource \$23. Opportunity to purchase take home external examination revision booklet \$20

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

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 – 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 Du-Blom - HOD English or your Media teacher

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 \$10 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 2024.**

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 considering 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?

Nil

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	Title	Credits	Internal or External
AS91416	Perform two programmes of music as a featured soloist.	8	I
AS91418	Demonstrate ensemble skills by performing two substantial pieces as a member of a group.	4	I
AS91419	Communicate musical intention of composing three original pieces of music.	8	I
AS91417	Perform a programme of music as a featured soloist on a second instrument.	4	I
AS91421	Demonstrate understanding of harmonic and tonal conventions in a range of music scores.	4	E
AS91423	Analyse a substantial music work.	4	E
AS91424	Create two arrangements for an ensemble.	4	I
AS91425	Research a music topic.	6	I
US32305	Operate a Music notation application	4	I
US23730	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 2024.**

PHYSICAL EDUCATION STUDIES (PHYSICAL EXERCISE SCIENCE)

NCEA Level 3 13PES

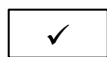
Prerequisite (What should I have already done?)

15 credits at Level 2 Physical Education Studies. Must have achieved AS91328 (2.23 “Demonstrate understanding of the application of biophysical principles to training for a physical activity”.)
Or 14 credits in Level 2 English or HOD discretion

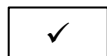
Who could tell me more?

Mrs Heffernan - TIC of Level 3; Mr James- HOD Health and Physical Education

This course is assessed using:

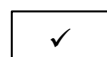


Achievement standards



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 performance of a sporting skill and develop a plan for improvement (biomechanics, motor skill learning, anatomy)
- Analyse issues of safety management while on camp

What are the course enhancement costs?

\$170.00 This cost covers the 8-week professional basketball coaching and student workbooks and 8-week lifelong well-being experiences

Additional costs: Outdoor Education camp \$550.00. This will be confirmed in 2024.

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
AS91499	Physical Education	Analyse a physical skill performed by self or others	3	I
AS91501	Physical Education	Demonstrate quality performance of a physical activity in an applied setting	4	I
AS91498	Physical Education	Evaluate physical activity experiences to devise strategies for lifelong wellbeing	4	I
AS91504	Physical Education	Analyse issues in safety management for outdoor activity to devise safety management strategies	3	I
ACHIEVEMENT STANDARD TOTAL CREDITS: 14				
US28516	Outdoor Recreation	Prepare for, participate in, and evaluate an outdoor experience as a member of a group	15	I

UNIT STANDARD TOTAL CREDITS: 15

This is only an indication of the assessments that may be covered in the course. To be confirmed in 2024.

PHYSICS

NCEA Level 3 13PHY

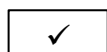
Prerequisite (What should I have already done?)

- 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?

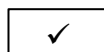
Mr Williamson - HOD Science or Mr Johnson

This course is assessed using:

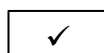


Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

- Wave systems
- Mechanics
- Electricity
- Modern Physics

What are the course enhancement costs?

Workbook approx. \$30 – 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 2024.**

TECHNOLOGY – DESIGN AND VISUAL COMMUNICATION (Graphics)

NCEA Level 3 13DVC

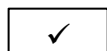
Prerequisite (What should I have already done?)

Level 2 DVC

Who could tell me more?

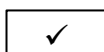
Mrs Rehu HoD of Technology or Mr Weijermars

This course is assessed using:

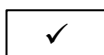


Achievement Standards

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 2024.

TECHNOLOGY – FASHION AND DESIGN - FAD

NCEA Level 3 13FAD

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?

\$90.00 for consumables during the year. Students will also be responsible for supplying their own patterns and fabric during the year. Visual diary and folio folder. Fashion Competition entry cost (if applicable) \$40.

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
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 2024. Students to choose from the 22 credits offered.

TECHNOLOGY – FOOD AND HOSPITALITY - FAH 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

Unit Standards

This course is:

✓
✓

Internally assessed

Externally assessed

What will I learn?

Hospitality: Learn complex production techniques and processes in food preparation and cookery and how to make use of hospitality skills in a competitive environment. Undertake bakery skills

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. Opportunity to work with a Mentor through the CREST product challenge.

What are the course enhancement costs?

\$100.00 plus students may be required to bring in specialised ingredients depending of the products they design.

Culinary Competition entry cost: \$35 per entry Field

trip: \$25 (Factory visit) TBC

Star funding for MIT course

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/ US	Title	Credits	Internal or External
AS91643	Implement complex procedures to process a specified product.	4	I
AS91613	Demonstrate understanding of material development.	4	E
AS91608	Undertake brief development to address an issue within a determined context.	4	I
AS91611	Develop a prototype considering fitness for purpose in the broadest sense.	6	I
Hospitality (Unit Standards) MIT Partnership – Other options may be available – US167 4 credits			
US13310	Prepare and produce basic hot and cold dessert items in a commercial kitchen.	5	I
US13322	Prepare and cook basic pastry items in a commercial kitchen.	4	I
US13325	Prepare and bake cakes, sponges and scones in a commercial kitchen.	4	I
US28106	Demonstrate knowledge of the guidelines for competing in a culinary arts or restaurant service competition	5	I
US28107	Prepare. Produce and present a product or service for a culinary arts or restaurant service competition.	5	I

This is only an indication of the assessments that may be covered in the course for 2024.

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

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 - HoD Technology

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	Technology - Generic	Undertake project management to support technological practice.	4	I
AS9161	Technology - Generic	Develop a conceptual design considering fitness for purpose in the broadest sense.	6	I
AS91617	Technology - Generic	Undertake a critique of a technological outcome's design	4	E
AS91612	Technology - Generic	Demonstrate understanding of how technological modelling supports technological development.	4	E
AS91620	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 2024.**

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



For more information contact:

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