



LEVEL 3

2027 Course Outlines



What is NCEA?

In 2027, 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

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

Helpful links to explain NCEA

- Literacy and numeracy co-requisites [Click Here](#)
- [Video explaining NCEA](#)
- [Brochure explaining NCEA](#)
- [NCEA Endorsements](#)

Gaining NCEA

NCEA Level One	60 credits at any Level (1, 2 or 3) + 10 Literacy and 10 Numeracy credits
NCEA Level Two	60 credits at Level 2 or above + 10 Literacy credits and 10 Numeracy credits.
NCEA Level Three	60 credits at Level 3 or above + 10 Literacy credits and 10 Numeracy credits.

Literacy and numeracy in the NCEA journey

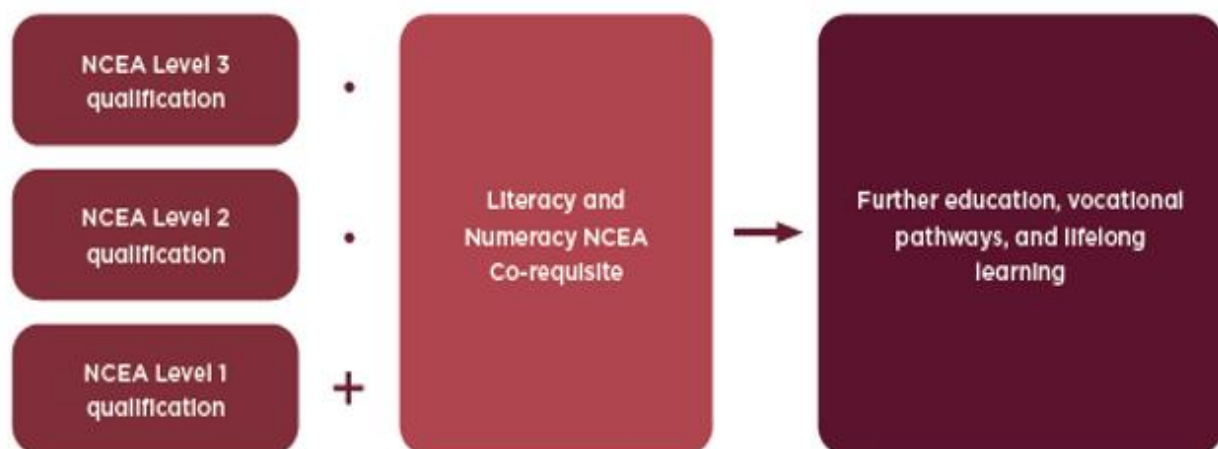
Students need to show that they have foundational reading, writing and numeracy skills to gain an NCEA qualification. This is also known as the NCEA Co-requisite.

While students can still progress through their NCEA journey, they must achieve the literacy and numeracy co-requisite to gain NCEA.

Students can achieve the requirements **any time** throughout their NCEA journey.

Students can try to achieve the requirements **many times** throughout their NCEA journey.

Students need to meet literacy and numeracy requirements once only.



COMMON ASSESSMENT ACTIVITIES (CAAs)

- › Teachers will organise these online assessments for students.
- › Students can sit these reading, writing and numeracy assessments in any year from Year 9 onwards, at a time when they are ready.

Or

ACHIEVING 10 LITERACY CREDITS AND 10 NUMERACY CREDITS FROM A LIST OF APPROVED STANDARDS.

- › Talk to your school about what choices of literacy and numeracy standards are available.

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 at the level of the certificate or above including 10 external credits earned through examination-based subjects.
NCEA Level 1 Academic Honours - SILVER	50 credits at Merit (or Merit and Excellence) at the level of the certificate or above
NCEA Level 2 Academic Honours - GOLD	50 credits at Excellence at the level of the certificate or above including 12 external credits earned through examination-based subjects.
NCEA Level 2 Academic Honours - SILVER	50 credits at Merit (or Merit and Excellence) at the level of the certificate or above
NCEA Level 3 Academic Honours - GOLD	50 credits at Excellence at the level of the certificate or above including 12 external credits earned through examination-based subjects.
NCEA Level 3 Academic Honours - SILVER	50 credits at Merit (or Merit and Excellence) at the level of the certificate or above

Sancta Maria College Academic Honours

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.



Level 3 Senior Subject Chart

Year 13 – Level 3	Code		Year 13 – Level 3	Code
Religious Education	13RED		Mathematics - Calculus	13MAC
Accounting	13ACC		Mathematics -Statistics	13MAS
Art – Design	13ARD		Mathematics – General	13MAT
Art – Painting	13ARP		Media Studies	13MED
Art – Photography	13APH		Music	13MUS
Art – Sculpture	13ASC		Physical Education Studies	13PES
Biology	13BIO		Physics	13PHY
Business Studies	13BUS		Technology - Design and Visual Communication	13DVC
Chemistry	13CHE		Choose only one of the following	Code
Classical Studies	13CLS		Technology – Textiles	13FAD
Digital Technologies	13DTG		Technology – Food	13TFM
Drama	13DRA		Technology – Multi-Materials	13TMM
Economics	13ECO			
English	13ENG		Total number of subjects at L3 = 6	
English Alternative	13ENA			
English as an Additional Language	13EAL			
Geography	13GEO		1 compulsory	
History	13HIS		5 option choices	
Japanese	13JPN			
Vocational Pathway: by application only				
Travel and Tourism – Semester 1 only	13TTM			
Hospitality – Semester 2 only	13HOS			

IMPORTANT INFORMATION ABOUT THE 2027 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 2027.
- All course costs as outlined must be paid in full by 1 April 2027 if possible.
- 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

Turnitin :

Year 9-13 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 \$16 licence will be loaded onto your account unless we are notified otherwise

(Individual subjects may charge for additional online learning resources such as Education Perfect and/or Learn Coach)

RELIGIOUS EDUCATION 13RED

NCEA Level 3

Prerequisite (What should I have already done?)

6 credits in Level 2 Religious Studies standards as a minimum

RE is a compulsory subject

Who could tell me more?

Mr Piggin - HOD Religious Education

This course is assessed using:



Achievement Standards

This course is:



Internally assessed

What will I learn?

Topics covered will include:

- Catholic Ethics
- Catholic Philosophy and the Secularist Worldview
- Catholicism in Aotearoa New Zealand

Course enhancement costs

\$50 Retreat (college)

This course leads to:

Young adults equipped to know and share their faith with the wider community.

AS	Title	Credits	Internal or External
AS90826	Analyse the response of a religious tradition to a contemporary ethical issue	6	I
AS90827	Analyse the key beliefs of a religious tradition and a secular world view in relation to ultimate questions	6	I
AS91725	Analyse the meanings in a sacred text within a religious tradition	6	I

AS = Achievement Standard

Note: Religious Studies Standards are 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 2027.**

ACCOUNTING - 13ACC

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?

Mr Rimamate - HOD Social Sciences

Mr Joseph - Accounting teacher

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

Course enhancement costs

Stationery as per 'Back to School' list (Officemax)

This course leads to:

Commerce related tertiary courses.

AS	Title	Credits	Internal or External
AS 91404	Demonstrate understanding of accounting concepts for a New Zealand reporting entity	4	E
AS 91405	Demonstrate understanding of accounting for partnerships.	4	I
AS 91407	Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity.	5	I
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

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Final details will be given at the beginning of 2027.**

ART- DESIGN 13ARD

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 Renner*)

Who could tell me more?

Ms Renner Acting - 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 design producing original work that shows extensive knowledge of design concepts and art making methods. Learn a mix of digital drawing on Adobe Illustrator and Photoshop and learn how to use either a wacom tablet or an iPad to create your work.

Design work could include:

- Design Branding (making your own company and design the branding)
- Character Design (make a comic, game or movie scene stills)
- Moving Image

Course enhancement costs

\$10 printing credit (college)
 \$10 Adobe Creative Cloud Licence (college)
 \$130 Materials: A1 printing, folio boards, visual diary (college)
 \$20 Field trip (*to be added to account at time of trip*)

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

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 Final details will be given at the beginning of 2027.**

ART – PAINTING 13ARP

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 Renner*)

Who could tell me more?

Ms Renner – Acting 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.

Students will have the opportunity to work in a variety of media including but not limited to

- Acrylic Paints
- Watercolours
- Digital Painting
- Specialty paints and papers

Course enhancement costs

\$80 Materials: Specialty paints and paper, folio boards, visual diary (college)

\$20 Field trip (*to be added to account at time of trip*)

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

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ART – PHOTOGRAPHY 13APH

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 Renner)

Who could tell me more?

Ms Renner – Acting 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.

Students will learn:

- How to use Adobe Photoshop editing skills
- How to use a DSLR camera
- How to form your photography style

Course Enhancement costs

\$30 refundable DSLR camera bond (college)
 \$10 Adobe Creative Cloud Licence (college)
 \$140 Materials: A1 printing, folio boards (college)
 \$20 Field trip *(to be added to account at time of trip)*

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

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 Final details will be given at the beginning of 2027.**

ART – SCULPTURE 13ASC

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 Renner*)

Who could tell me more?

Ms Renner – Acting 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.

Students will have the opportunity to work in a variety of media including but not limited

- Plaster casting
- Ceramic and lay sculpture
- Fabric and soft material

Course enhancement costs

\$30 printing credit (college)

\$30 refundable DSLR camera bond (college)

\$10 Adobe Creative Cloud Licence (college)

\$130 Materials: folio boards, visual diary (college)

\$20 Field trip (*to be added to account at time of trip*)

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

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Final details will be given at the beginning of 2027**

BIOLOGY 13BIO

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 -writing portfolio plus 1 external standard

Who could tell me more?

Mr Williamson - HOD Science

Mr Yeh

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
- Socio-Scientific issues

Course enhancements costs

\$40 Workbook (OfficeMax)

\$9 Learn Coach (college)

\$70 Field trips (*to be added to account at time of trip*)

Stationery as per 'Back to School' list (Officemax)

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
AS91605 (UE Lit R)	Demonstrate understanding of evolutionary processes leading to speciation	4	E
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 2027**

BUSINESS STUDIES - 13BUS

NCEA Level 3

Prerequisite (What should I have already done?)

Achieved NCEA Level 2 and the HOD's discretion

Who could tell me more?

Mr Rimamate - HOD Social Sciences

Mrs Chen-Dela Cruz - Teacher of Business Studies

Mr Joseph – Teacher of Business Studies

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

Course enhancement costs

- It is preferable that every student has access to their own electronic device (laptop).
- Stationery as per 'Back to School' list (Officemax)
- 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
AS91381 (UE Lit R)	Business Studies	Apply business knowledge to address a complex problem(s) in a given global business context	4	E

AS = Achievement Standard

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Final details will be given at the beginning of 2027.**

CHEMISTRY 13CHE

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 – TIC Chemistry

Mr Cabral

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

Course enhancement costs

Stationery as per 'Back to School' list (Officemax)

\$9 Learn Coach (college)

\$48 Lab coat (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	I
AS91393	Chemistry	Demonstrate understanding of oxidation-reduction processes	3	I
AS91390	Chemistry	Demonstrate understanding of thermochemical principles and the properties of particles and substances	5	E
AS91391	Chemistry	Demonstrate understanding of the properties of organic compounds	5	E
AS91392	Chemistry	Demonstrate understanding of equilibrium principles in aqueous systems	5	E

AS = Achievement Standard

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Final details will be given at the beginning of 2027.**

CLASSICAL STUDIES - 13CLS

NCEA Level 3

Prerequisite (What should I have already done?)

- You will need to have passed the English writing portfolio and one English Level 2 external at merit.
- An interest in learning more about the Ancient Roman world and how it continues to impact us today.

Who could tell me more?

- Mr Rimamate - HOD Social Sciences
- Mr Hart – Teacher of Classical Studies

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, mythology, culture, military strategies, and lasting legacies.
- We will critically analyse and draw conclusions from ancient historical primary sources.

Course enhancement costs

\$100 Field trips (*to be added to account at time of trip*)

This course leads to:

Level 4 papers at a university and/or tertiary institute.
Students will complete two internals and one external from the following:

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 2027.

DIGITAL TECHNOLOGIES 13DTG

NCEA Level 3

Prerequisite (What should I have already done?)

12 credits in Level 2 Digital Technologies

Who could tell me more?

Mrs Rehu HOD Technology and Mrs Al-Rubaie Digital Teacher

This course is assessed using:



Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

- Develop a digital technology project using the Python programming language.
- Identify a need, then design, test, and develop a digital product through to its final version.
- Learn how to create interactive websites using web development tools and techniques.
- Build advanced skills in Adobe Photoshop and Adobe InDesign for digital design and publishing.

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

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Final details will be given at the beginning of 2027.**

DRAMA 13DRA

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

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

Course enhancement costs

\$120 Performance resources (last year this was Costume hire, theatre hire, props, lighting hire etc.) (college)

\$25 Field trip (*to be added to account at time of trip*).

Stationery as per 'Back to School' list (Officemax)

This course leads to:

Tertiary Education

AS	Title	Credits	Internal or External
AS91514	Interpret a text from a prescribed playwright to demonstrate knowledge of a theatre form or period	4	E
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 2027.

ECONOMICS - 13ECO NCEA Level 3

Prerequisite (What should I have already done?)

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

Who could tell me more?

Mr Rimamate - HOD Social Sciences

Mrs Chen-Dela Cruz - Teacher of Economics

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, and macro-economic, concepts
- Government interventions to correct market failure

Course enhancement costs

Stationery as per 'Back to School' list (Officemax)

\$10 Take home workbook (college)

This course leads to:

Commerce-related tertiary courses.

AS	Title	Credits	Internal or External
AS91403 (UE Lit R/W)	Demonstrate understanding of macro-economic influences on the New Zealand economy	6	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

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Final details will be given at the beginning of 2027.**

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.

Course enhancement costs

Stationery as per 'Back to School' list (Officemax)
\$25 Field trip (*to be added to account at time of trip*)

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

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Final details will be given at the beginning of 2027.**

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.

Course enhancement costs

Stationery as per 'Back to School' list (Officemax)

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 2027.**

ENGLISH AS AN ADDITIONAL LANGUAGE -13EAL 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?

Ms d'Annibale Teacher in charge of ESOL or Ms Pahulu Teacher of ESOL

This course is assessed using:

- ☒ Unit Standards
- ☒ Achievement Standards

This course is:

- ☒ Internally assessed
- ☐ Externally assessed

What will I learn?

- Develop reading skills, including finding literal, inferential, and implied meanings in texts.
- Evaluate and organise information from texts, including using tables and other methods to present information clearly.
- Apply research skills by planning and completing a research project in Term 2.
- Develop writing skills, including organising ideas, constructing effective sentences, and using connectives to create cohesion in research reports.
- Build and extend vocabulary throughout the year to support reading, research, and writing success.

Course enhancement costs

\$30 Education Perfect (college)
Stationery as per 'Back to School' list (Officemax)

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 (EAP L4)	6	I
AS 91101 (UE Lit W)	Produce a selection of crafted and controlled writing (English L2)	6	I
US28069	Write texts for practical purposes (EL Level 3)	5	I
US28070	Write a response for a specific purpose (EL Level 3)	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 2027.**

GEOGRAPHY – 13GEO

NCEA Level 3

Prerequisite (What should I have already done?)

- You will need to have passed the English writing portfolio and one English Level 2 external at merit.
- An interest for people, place and the environment and HOD discretion

Who could tell me more?

Mr Rimamate - HOD Social Sciences

This course is assessed using:



Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

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.

Course enhancement costs

\$400 Field trip. *(to be added to account at time of trip)*
Stationery as per 'Back to School' list (Officemax)

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
AS91429	Demonstrate understanding of given environment(s) through selection and application of geographic concepts and skills	4	E
AS91430	Geographic research with consultation	5	I
AS91431 (UE Lit R)	Analyse aspects of a contemporary geographic issue	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 2027**

HISTORY – 13HIS

NCEA Level 3

Prerequisite (What should I have already done?)

- You will need to have passed the English writing portfolio and one English Level 2 external at merit.
- An interest for New Zealand and global history

Who could tell me more?

Mr Rimamate - HOD Social Sciences

Mr Hart – Teacher of History

This course is assessed using:



Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

History is the study of past events and human actions that have had an enormous impact on today's societies. History explains why, and how, our world came to be as it is today.

Students will have the opportunity to investigate the following topics in this course:

- A History Research Project on a historical topic of the student's own choice (1800-2000)
- The American Revolution (1765-1783) and its significance to New Zealand.
- Crime & Punishment through history (1500s-2000).

Course enhancement costs

\$200 Field Trip (*to be added to account at time of trip*)

Stationery as per 'Back to School' list (Officemax)

This course leads to:

Level 4 papers at a university and/or tertiary institute.

A selection of three standards will be chosen from the following:

AS	Title	Credits	Internal or External
AS91434 (UE Lit R)	Research an historical event or place of significance to New Zealanders, using primary and secondary sources.	5	I
AS91435 (UE Lit R)	Analyse an historical event, or place, of significance to New Zealanders.	5	I
AS91438 (UE Lit R/W)	Analyse the causes and consequences of a significant historical event.	6	E
AS91436 (UE Lit R/W)	Analyse evidence relating to an historical event of significance to New Zealanders.	4	E

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 2027.

JAPANESE 13JPN

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).

Course enhancement costs

\$30 Language Perfect User Licence (college)
 Stationery as per 'Back to School' list (Officemax)
 \$20 ALC Certificate (optional exam)

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 2027.**

TRAVEL AND TOURISM

13TTM

Semester 1 Course

Prerequisite (What should I have already done?)

Entry to this subject is at the discretion of the HOD Social Sciences by application only for students undertaking a vocational pathway. Literacy requirements of Level 2 NCEA are a minimum.

Who could tell me more?

Mr Rimamate - HOD Social Sciences
Mrs Vickers -Teacher of Travel and Tourism

This course is assessed using:

☒

Unit Standards

This course is:

☒

Internally assessed

What will I learn?

- Explore the essential skills and knowledge required for the travel and tourism industry.
- Study key tourism destinations and markets in New Zealand, Australia, and the South West Pacific.
- Examine the contribution of tourism to both the New Zealand and global economies.
- Understand the significance of the tourism industry and its impact on economic growth and development.

Course enhancement costs

- Nil

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 2027.**

HOSPITALITY - NCEA 13HOS

Level 3

Semester 2 Course

Prerequisite (What should I have already done?)

Students must have US167 (Year 12 FAH or HOS, or Gateway). Entry to this subject is by application for students on a vocational pathway. A culinary competition will be held in Semester 1. If you are interested in this competition, please see one of the foods teachers for instructions on this event.

Who could tell me more?

Mrs Rehu - HOD Technology

Mr Campbell

This course is assessed using:

Unit Standards

This course is:

Internally assessed

What will I learn?

- Learn a range of Level 3 cookery skills through practical culinary standards and activities.
- Explore areas based on student interest, which may include Introduction to Baking, Pasta Cookery, and Gourmet Sammies.
- Develop food preparation, cooking, presentation, and kitchen management skills.
- Students who have completed US17285 Barista Services may have the opportunity to complete Level 3 Barista Services.

Course enhancement cost

\$150 Materials (college)

This course leads to:

Manukau Institute of Technology – Certificate and Diploma Culinary qualifications – also at AUT Culinary Arts – Wellington and Otago also offer Tertiary Culinary Certificate and Diploma courses in Cookery.

US	Title	Credits	Internal or External
Introduction to Baking			
13325	Prepare and bake basic cakes, sponges, and scones in a commercial kitchen	4	I
13310	Prepare and produce hot and cold dessert items in a commercial kitchen	5	I
13322	Prepare and cook basic pastry dishes in a commercial kitchen	4	I
13316	Prepare and cook basic pastry dishes in a commercial kitchen	3	I
13322	Prepare, assemble, and present complex sandwiches for service in a commercial kitchen	4	I
17288	Prepare and present espresso beverages for service	5	I

US = Unit Standard: You must have US167 (Level 2) to be able to study at level 3HOS.

**This is only an indication of the assessments that may be covered in the course.
Final details will be given at the beginning of 2027.**

MATHEMATICS – CALCULUS 13MAC

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?

Ms O'Carroll - HOD Mathematics and Statistics

This course is assessed using:

☒

Achievement Standards

This course is:

☒

Internally assessed

☒

Externally assessed

What will I learn?

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

Course enhancement costs

\$9 Learn Coach (college)
Stationery as per 'Back to School' list (Officemax)
\$20 Optional external examination revision booklets (college).

Calculator - Students are recommended to invest in a Graphic Calculator (approx. \$160), as this will be well used throughout their Senior Mathematics and Statistics courses.

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 2027.**

MATHEMATICS - STATISTICS 13MAS

NCEA Level 3

Prerequisite (What should I have already done?)

At least a Merit endorsement in Level 2 Mathematics including a Merit in the External 91267.

Who could tell me more?

Ms O'Carroll - 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
- Evaluate statistically based reports
- Critical Path Analysis (optional)

Course enhancement costs:

Stationery as per 'Back to School' list (Officemax)
\$9 Learn Coach (college)
\$20 Optional external examination revision booklets (college).

Calculator - Students are recommended to invest in a Graphic Calculator (approx. \$160), as this will be well used throughout their Senior Mathematics and Statistics courses.

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
AS91584	Statistics	Evaluate statistically based reports	4	E
AS91585	Probability	Apply probability concepts in solving problems	4	E
AS91576	Mathematics	Use critical path analysis in solving problems	2	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 2027.

MATHEMATICS – GENERAL MATHEMATICS 13MAT

NCEA Level 3

Prerequisite (What should I have already done?)

Student has gained an Achieved Endorsement at Level 2 with at least an Achieved in the External 91267.

Who could tell me more?

Ms O'Carroll - HOD Mathematics and Statistics

This course is assessed using:



Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

- Analysis of mathematical and statistical linear systems,
- Logistics
- Modeling of probability distributions

Course enhancement costs:

Stationery as per 'Back to School' list (Officemax)
 \$9 Learn Coach (college)
 \$20 Optional external examination revision booklets (college).
Calculator - Students are recommended to invest in a Graphic Calculator (approx. \$160), as this will be well used throughout their Senior Mathematics and Statistics courses.

This course leads to:

University courses such as Business and Finance, Education, Computer science, Mathematics and Statistics, Analytics

AS	Domain	Title	Credits	Internal or External
AS91574	Mathematics	Apply linear programming methods in solving problems	3	I
AS91581	Statistics	Investigate bivariate measurement data	4	I
AS91587	Mathematics	Apply systems of simultaneous equations in solving problems	3	I
AS91585	Probability	Apply probability concepts in solving problems	4	E
AS91586	Statistics	Apply probability distributions in solving problems	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 2027.

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

Course enhancement costs

\$15 SD cards (college)

\$10 Creative Cloud (college)

Students will also require: USB memory stick

Stationery as per 'Back to School' list (Officemax)

This course leads to:

Tertiary study

AS	Domain	Title	Credits	Internal or External
AS91490	Media Studies	Demonstrate understanding of an aspect of a media industry	4	E
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 2027.**

MUSIC 13MUS 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.

NCEA Level 3 is at a 5th year level of performance. It is highly recommended that all performance students have either itinerant music lessons or private lessons on their chosen instrument or voice.

Who could tell me more?

Ms Shone - 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 Research a Music topic.

Course enhancement costs

\$20 NCEA Level 2 Workbook Cost (college)

Stationery as per 'Back to School' list (Officemax)

\$50 Membership per ensemble group (maximum \$100) (college)

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
AS91424	Create two arrangements for an ensemble	4	I
AS91425	Research a music topic (UE LIT)	6	I
AS 91849	Compose three original songs that express imaginative thinking.	8	I
AS 91423	Examine the influence of context on substantial music work.	4	E

AS = Achievement Standard

This is only an indication of the assessments that may be covered in the course. This is an individualised program. Final details will be given at the beginning of 2027.

PHYSICAL EDUCATION STUDIES (PHYSICAL EXERCISE SCIENCE)

NCEA Level 3 13PES

Prerequisite (What should I have already done?)

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

Who could tell me more?

Mr Bali – TIC of 13PES, 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?

- Participate in a week long camp at and around the Ruapehu area, activities involve caving, white water rafting, high ropes, snowboarding/skiing, mountaineering and more.
- How to critically evaluate self and others in the performance sport of Netball.
- Evaluate physical activity experiences including an 8-week well-being programme which includes F45, BFT, Les Mills and Hot Yoga,
- 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.

Course enhancement costs

\$140 This cost covers the 8-week professional netball coaching and student workbooks and 8-week lifelong well-being experiences (college)

\$ 700 Outdoor Education camp (college)

SMC PE UNIFORM (from college uniform shop)

This course leads to:

Tertiary Physical Education courses and careers in health science, fitness, recreation, 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 2027.

PHYSICS 13PHY

NCEA Level 3

Prerequisite (What should I have already done?)

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

Who could tell me more?

Mr Sullivan

Ms Sagadevan

Mr Williamson - HOD Science

This course is assessed using:

☒

Achievement Standards

This course is:

☒

Internally assessed

☒

Externally assessed

What will I learn?

- Wave systems
- Mechanics
- Electricity
- Modern Physics

Course enhancement costs

Stationery as per 'Back to School' list (Officemax)

\$9 Learn Coach (college)

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 2027**

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 Technology and Mr Weijermars

This course is assessed using:

☒ Achievement Standards

This course is:

☒ Internally assessed

☒ Externally assessed

What will I learn?

- Develop design skills using a range of drawing and modelling media, including Computer Aided Design (CAD).
- Explore innovative solutions for architectural, environmental, technological, engineering, media, and technical illustration opportunities.
- Learn and apply design and drawing standards, presentation techniques, and graphic media skills.
- Research information related to identified needs or opportunities and use this to inform design solutions.
- Present ideas and solutions through drawings, models, and product development.
- Compile and showcase work in a portfolio that demonstrates the design process from research through to final outcomes.

Course enhancement costs

\$60 Materials (college)
Stationery as per 'Back to School' list
(Officemax)

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 2027.

TECHNOLOGY – FASHION AND DESIGN 13FAD

NCEA Level 3

Prerequisite (What should I have already done?)

Level 2 Technology, Art or DVC are A passion for design, fashion, interior design, textiles and / or craft creations is an advantage especially if wanting to explore tertiary career pathways.

Who could tell me more?

Mrs Rehu - HOD Technology

This course is assessed using:



Achievement Standards – 2 Internal and 2 external

This course is:



Internally assessed



Externally assessed

What will this course include?

- Creating independent fashion designs
- Fashion illustrations for male and female garments (portfolio sketches)
- Develop, implement and evaluate a one-off fashion solution for a client / target market
- Adapt, modify, create pattern pieces from commercial or own pattern
- Choose and explain the best techniques and processes to use in the design and construction of your chosen garment

Course enhancement costs

\$120.00 Materials (college) - includes fashion entry into chosen fashion / sustainable arts competition

\$80 Entry into 2027 Walk the Line (optional)

Stationery as per 'Back to School' list (Officemax)

Students will also be responsible for supplying their own patterns and fabric during this course.

The opportunity to visit Wellington in September to attend the Wearable Arts Show and Massey University may be offered. This will depend on interest and numbers. Further information regarding the itinerary and costs will be confirmed in Term 1 2027.

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	Generic Technology	Develop a prototype considering fitness for purpose in the broadest sense	6	I
AS91626	Generic Technology	Draft a pattern to interpret a design for a garment	6	I
AS91613 (UELitW)	Generic Technology	Demonstrate understanding of material development	4	E
AS91617 (UELitW)	Generic Technology	Undertake a critique of a technological outcome's design	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 2027

TECHNOLOGY – FOOD TECHNOLOGY- 13TFM NCEA Level 3

Prerequisite (What should I have already done?)

A passion for food design, product development, and nutrition is recommended. You must have studied in the Technology learning area at Level 1 or Level 2. The Technology Standards require knowledge of the Sciences – particularly Chemistry.

Who could tell me more?

Mrs Rehu - HOD Technology

This course is assessed using:



Achievement Standards 2 or 3 Internal & 2 External standards

This course is:



Internally assessed

What will I learn?

- Develop decision-making skills to solve issues or problems for a key stakeholder.
- Use planning and research skills to investigate and develop solutions.
- Apply manufacturing and production skills to create a final product.
- Gather and use feedback to refine and improve design outcomes.
- Evaluate the final brief and product to ensure it meets the required specifications.

What are the course enhancement costs?

\$160 Materials (college) - includes a ½ day field trip

Stationery as per 'Back to School' list (Officemax)

This course leads to: Technology Foods at Massey University (Palmerston North), Food Science degree at Auckland / Waikato / Otago University, MIT, AUT, Otago Polytechnic – Culinary Arts Degree.

AS	Domain	Title	Credits	Internal or External
AS91643	Construction & Mechanical Technologies	Implement complex procedures to process a specified product	4	I
AS91613	Technology - Generic	Demonstrate understanding of material development	4	E
AS91611	Technology - Generic	Develop a prototype considering fitness for purpose in the broadest sense	6	I
AS91617 (Lit Writ)	Technology - Generic	Undertake a critique of a technological outcomes design.	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 2027.				

TECHNOLOGY – MULTI MATERIALS TECHNOLOGY - 13TMM

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 or Mr Weijermars

This course is assessed using:



Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

- Build on existing technological practice knowledge to further develop skills relevant to the building, construction, and engineering industries.
- Explore elements of environmental and industrial design, including the use of Computer Aided Design (CAD).
- Learn how to use project management tools to plan, organise, and monitor projects effectively.
- Manage project resources, including people, time, materials, and budgets.
- Apply design, planning, and practical skills to complete technology projects successfully.

Course enhancement costs?

\$120 Materials (college)

Stationery as per 'Back to School' list (Officemax)

This course leads to:

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

AS	Domain	Title	Credits	Internal or External
AS91611	Technology - Generic	Develop a prototype considering fitness for purpose in the broadest sense.	6	I
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.	6	I
AS91613	Technology - Generic	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 2027.**

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



**For more information
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