



LEVEL 1

2023 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 2023. 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 2023. 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 2023.

Important information about the 2023 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 2023.
- All course costs as outlined must be paid in full by 1 April 2023.
- 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 11 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 \$69 license will be loaded onto your account unless notified otherwise.

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 2023, Year 11, 12 and 13 students will work towards NCEA (National Certificate of Educational Achievement). Students are assessed against Achievement Standards and/or Unit Standards, each contributing credits towards NCEA.

Achievement Standards:

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

Unit Standards:

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

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

YEAR 13 SUBJECTS

All Year 13 students must study: Religious Education.

For the remaining five subjects, students will be given a free choice depending on staffing and class sizes. Students must ensure that they have met the literacy and numeracy criteria for University Entrance (UE). If your future include attending University, check carefully that your subjects will enable you to gain University Entrance (please see page 6).

YEAR 12 SUBJECTS

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

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

YEAR 11 SUBJECTS

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

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

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

What is NCEA?

In 2023, 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. (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.
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 2023 academic year are:

Achievement of NCEA Level 3 PLUS:



PLUS

10 credits in Mathematics at Level 1 or higher
5 Literacy credits in Reading Level 2 or higher (UE Lit R)
5 Literacy credits in Writing Level 2 or higher (UE Lit W)

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

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

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

University Approved Subjects

Accounting

Agriculture and Horticulture

Biology

Business Studies

Chemistry

Chinese (Second Language)

Classical Studies

Construction and Mechanical Technology

Cook Island Maori

Dance

Design (Practical Art)

Design and Visual Communication

Digital Technologies

Drama

Economics

English

French (Second Language)

Geography

German (Second Language)

History

History of Art

Indonesian

Japanese (Second Language)

Korean (Second Language)

Latin

Mathematics with Calculus

Media Studies

Music

Painting (Practical Art)

Photography (Practical Art)

Physical Education

Physics

Print Making (Practical Art)

Religious Education

Samoan

Science

Sculpture (Practical Art)

Social Studies

Spanish (Second Language)

Statistics and Modelling

Te Reo Rangatira or Te Reo Maori

Technology

The Level 3 subjects in bold are provisionally scheduled to be taught at Sancta Maria College in 2023.

Additional University Entry Requirements and Guaranteed Entry Scores

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

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

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

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

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

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

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

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

How to Calculate the Rank Score

Example

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

Entry into a Polytechnic or Private Training Provider

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

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

Subject Choice Information for students

Post-school education and training options

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

Universities

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

Technical Institutes and Polytechnics

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

Private Training Establishments

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

Industry Training Organisations (ITOs)

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

Training Opportunities Providers (TOPs)

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

Star and Gateway Programmes

Introduction for Parents and Students

Both programmes listed below are offered through the Careers Department.

Gateway

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

Work

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

Study

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

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

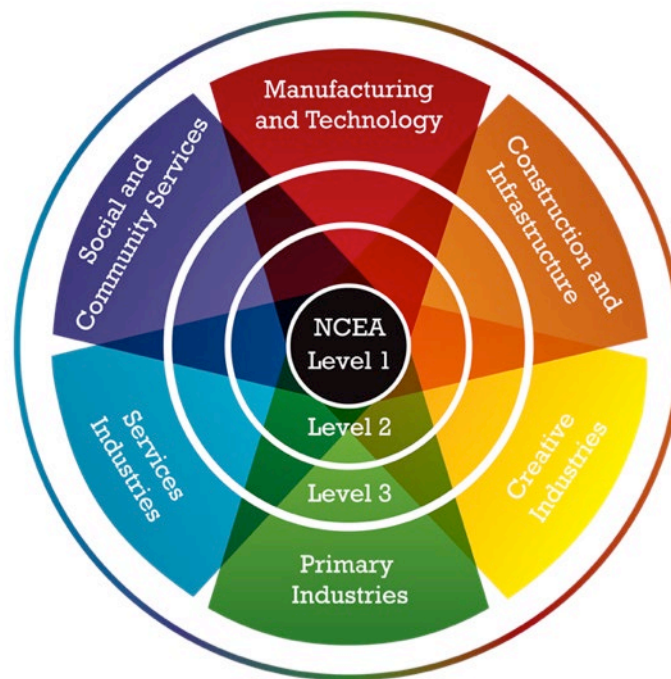
Secondary Tertiary Alignment Resource (STAR)

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.**

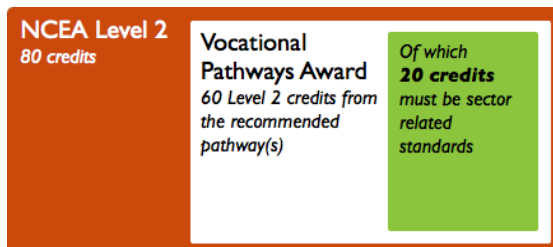
CRE= Creative Industries
PRI= Primary Industries
SER= Service Industries

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 1 Senior Subject Chart

Year 11 – Level 1	Code	Choose only one of the following	Code
Religious Education	11RED	Technology – Food	11TFM
Art – Visual Art	11ART	Technology – Multi Materials	11THM
Commerce	11COM	Technology – Textiles	11TET
Digital Technologies	11DTG		
Drama	11DRA		
English – 11ENG	11ENG		
English 11EAP	11EAP		
French	11FRE		
Geography	11GEO	Total number of subjects at L1 = 7	
History	11HIS	5 compulsory	
Japanese	11JPN	2 option choices	
Mathematics – 11MAT	11MAT	Compulsory Subjects	
Mathematics – 11MAS	11MAS	Religious Education	
Music	11MUS	1 English subject (ENG or EAP)	
Physical Education – Core	11PED	Mathematics (MAT, MAS)	
Physical Education Studies	11PES	Physical Education - Core	
Science	11SCI	Science (SCI, SCA)	
Science Alternative	11SCA		
Technology - Design and Visual Communication	11DVC		

Level 2 Senior Subject Chart

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

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	Technology - Design and Visual Communication*	13DVC
Art – Sculpture*	13ASC	Manukau Institute of Technology Dual Pathways	13MIT
Biology *	13BIO	Travel and Tourism	13TTM
Business Studies*	13BUS		
Chemistry *	13CHE	Choose only one of the following	Code
Classical Studies *	13CLS	Technology - Fashion and Design*	13FAD
Digital Technologies*	13DTG	Technology* -Food and Hospitality*	13FAH
Drama*	13DRA	Technology -Multi Materials*	13THM
Early Childhood Education	13ECE	*University Approved	
Economics *	13ECO		
English*	13ENG		
English Alternative*	13ENA		
English EAP	13EAP		
French *	13FRE	Total number of subjects at L3 = 6	
Geography*	13GEO	1 compulsory	
History *	13HIS	5 option choices	
Japanese*	13JPN	Compulsory Subjects	
Mathematics - Calculus *	13MAC	Religious Education	
Mathematics -Statistics and Modelling *	13MAS		

RELIGIOUS EDUCATION NCEA Level 1

Prerequisite (What should I have already done?)
N/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 Standard

This course is:

Internally assessed

Externally assessed

What will I learn?

Topics covered will include:

- Beliefs and Believing
- The Gospels
- Our Religious History in Aotearoa New Zealand
- Being Human

What are the course enhancement costs?

Retreat \$25
Digital online resource \$10

This course leads to:

A greater understanding of our Catholic faith, meaning behind the ritual and tradition, and an introduction to World Religions.

AS	Domain	Title	Credits	Internal or External
AS91916	Understanding Religion	Demonstrate understanding of the development of a community that shares religious or spiritual beliefs	5	I
AS91917	Understanding Religion	Demonstrate understanding of how a significant religious narrative relates to a cultural context or religious tradition	5	I
AS91918	Understanding Religion	Demonstrate understanding of a characteristic of a religion	5	E
AS91919	Understanding Religion	Demonstrate understanding of a religious community's approach to an issue	5	E

AS = Achievement Standard

**This is only an indication of the assessments that may be covered in the course.
Final details will be given at the beginning of 2023.**

ART - VISUAL ART NCEA Level 1

Prerequisite (What should I have already done?)

Year 9 and/or 10 Visual Art

Who could tell me more?

Ms Turner - HOD Visual Art

This course is assessed using:

Achievement Standards

This course is:

Internally assessed

Externally assessed

What will I learn?

- Students will work across a range of Visual Art disciplines. They will produce a body of work that shows how they have developed pictorial ideas and linked their concepts using mixed media techniques and processes.
- The disciplines explored by Visual Art students are Drawing, Photography, Painting, Printmaking and Sculpture.

What are the course enhancement costs?

\$80.00 includes \$20 printing credits, take home folio board and specialist materials. Stationery pack purchased through the school. Local trip approx., \$20.00 paid at the time of the event. In addition, a stationery pack purchased online directly from the Gordon Harris website see school website for link:
www.gordonharris.co.nz/category/4178-sancta-maria-college

This course leads to:

NCEA Level 2 Visual Art and Photography with a provisional prerequisite - received at least a High Achieved in NCEA Level 1 Visual Art External examination.

AS	Domain	Title	Credits	Internal or External
AS90914	Visual Art	Use drawing methods and skills for recording information using wet and dry media.	4	I
AS90916	Visual Art	Produce a body of work informed by established practice, which develops ideas, using a range of media.	12	E

AS = Achievement Standard

This is only an indication of the assessments that may be covered in the course.
Final details will be given at the beginning of 2023.

COMMERCE NCEA Level 1

Prerequisite (What should I have already done?)

No prerequisite from Year 10

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?

- Understand the economic decisions made by consumers.
- How to process financial transactions for a community organisation.
- How to prepare financial statements for a business
- How to apply the marketing mix to a chosen product

What are the course enhancement costs?

\$20 approx. for workbooks (purchased through the school).

This course leads to:

NCEA Level 2 Commerce
NCEA Level 3 Economics
NCEA Level 3 Accounting
NCEA Level 3 Business Studies

AS	Domain	Title	Credits	Internal or External
AS90986	Economics	Demonstrate understanding of how consumers, producers, and/or government choices affect society using market equilibrium.	5	E
AS90979	Accounting	Prepare financial information for a community organisation's annual general meeting.	4	I
AS90978	Accounting	Prepare financial statements for sole proprietors.	5	E
AS90840 (L1 Lit)	Business Studies	Apply the marketing mix to a new or existing product	3	I

AS = Achievement Standard

**This is only an indication of the assessments that may be covered in the course.
Final details will be given at the beginning of 2023.**

DIGITAL TECHNOLOGIES NCEA Level 1

Prerequisite (What should I have already done?)

No prerequisite

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?

Digital technologies impact on every aspect of our lives and are vitally important to New Zealand's growth in the 21st century. Students in New Zealand need opportunities to develop knowledge and skills with digital technologies so they are equipped to respond to rapid changes in our society.

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

This course leads to:
Level 2 Digital Technologies prerequisite – at least 12 credits in Level 1 Digital Technologies

AS	Domain	Title	Credits	Internal or External
91877	Digital Technologies	Create a proposal for a digital outcome	3	I
91878	Digital Technologies	Develop a design for a digital outcome	3	I
91880	Digital Technologies	Develop a digital media outcome	4	I
91883	Digital Technologies	Develop a computer program	4	I
91886	Digital Technologies	Demonstrate understanding of human-computer interaction	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 2023.**

DRAMA

NCEA Level 1

Prerequisite (What should I have already done?)
Year 10 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?

- Use of drama techniques
- Elements and conventions to devise structure and perform a drama
- Performing an acting role
- Drama processes and performance in context

What are the course enhancement costs?

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

This course leads to:
NCEA Level 2 Drama

AS	Domain	Title	Credits	Internal or External
AS90009 (L1 Lit)	Drama Performance	Perform an acting role in a scripted production	5	I
AS90011 (L1 Lit)	Drama Studies	Demonstrate understanding of the use of drama aspects within live performance.	4	E
AS90997 (L1 Lit)	Drama Creation	Devise and perform a drama.	5	I
AS90999 (L1 Lit)	Drama Performance	Select and use features of a drama/theatre form in a performance.	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 2023.**

ENGLISH FOR ACADEMIC PURPOSES – 11EAP NCEA Level 1

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

Who could tell me more? Mrs Price – HOD ESOL

This course is assessed using:

- Achievement Standard
- Unit Standard

This course is:

- Internally assessed
- Externally assessed

What will I learn?

The four domains of the English language (Listening, Speaking, Reading, and Writing) will be embedded into the programme, giving students the chance to grow and develop in each. Vocabulary extension will also be a focus area for the class through US31006.

The English for Academic Purposes classes include research tasks at each level, as the skills involved are extremely important for being able to read, write and present successfully in an academic context.

English Language Unit Standards at NCEA Level 3 will be used as a steppingstone into English NCEA Level 1 Achievement Standards as appropriate.

What are the course enhancement costs?

Nil

This course leads to:

Year 12 English for Academic Purposes or if appropriate, NCEA Level 2 English Applied, 12ENA

US / AS	Domain	Title	Credits	Internal or External
US31006 or 31008 (Level 2 or 3)	English Language	Read and understand a range of simple written texts independently.	5	I
US30995 or 30997 (Level 2 or 3)	English Language	Read and understand a text on a familiar topic	5	I
US27999 or 28068 (Level 2 or 3)	English Language	Write a connected text on a familiar topic	5	I
US31026 or 31027 (Level 2 or 3)	English Language	Deliver a developed presentation on a familiar topic.	5	I
US30980 or 30981 (Level 2 or 3)	English Language	Demonstrate understanding of a straightforward spoken text on a familiar topic.	5	I

US= Unit Standard; AS = Achievement Standard

**This is only an indication of the assessments that may be covered in the course.
Final details will be given at the beginning of 2023.**

ENGLISH – 11ENG NCEA Level 1

Prerequisite (What should I have already done?)

Year 10 English

Who could tell me more?

Ms Du-Blom - HOD English, or your English teacher.

This course is assessed using:

Achievement Standards

This course is:

Internally assessed

Externally assessed

What will I learn?

- How to produce well-structured and effective writing
- How to study and appreciate a variety of texts.
- How to deliver a speech to an audience.
- How to read and understand unfamiliar texts.

What are the course enhancement costs?

Educational enhancement resource \$23
Optional Theatre trip \$25 (payable at time of event).

This course leads to:

NCEA Level 2 English 12ENG
Prerequisite – at least 14 credits in Level 1 English 11ENG

AS	Domain	Title	Credits	Internal or External
AS90849 (L1 Lit)	English	Show understanding of specified aspects of studied written texts, using supporting evidence	4	E
AS90851 (L1 Lit)	English	Show understanding of significant aspects of unfamiliar written texts through close reading.	4	E
AS90852 (L1 Lit)	English	Explain significant connections across texts	4	I
AS90856 (L1 Lit)	English	Show understanding of visual and/or oral text through close viewing and/or listening.	3	I
90052 OR 90053* (L1 Lit)	English	Produce creative or formal writing	3	I

AS = Achievement Standard

*One or the other will be assessed NOT both

This is only an indication of the assessments that may be covered in the course.
Final details will be given at the beginning of 2023.

FRENCH NCEA Level 1

Prerequisite (What should I have already done?)

Year 10 French or equivalent. If you have not done Year 10 French and you are interested in Year 11 French, then speak with Mrs Founé.

Who could tell me more?

Ms A Kevern - HoD Languages or French Teacher

This course is assessed using:

Achievement Standards

This course is:

Internally assessed

Externally assessed

What will I learn?

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

1. Ma vie sociale d'ado - My teenage life
2. Spécial vacances – Holidays and travel
3. Bien dans sa peau - Food and well-being
4. Le Lycée – School life
5. À l'horizon – The future
6. Movies, French TV

What are the course enhancement costs?

French Dinner Excursion – approx. \$50.00
Education enhancement online resource \$23

This course leads to:

NCEA Level 2 French
French Exchange Trips

AS	Domain	Title	Credits	Internal or External
AS90878	French	Demonstrate understanding of a variety of spoken French texts.	5	E
AS90879	French	Give a spoken presentation in French that communicates a personal response	4	I
AS90880	French	Interact using spoken French to communicate personal information, ideas and opinions in different situations.	5	I
AS90881	French	Demonstrate understanding of a variety of French texts.	5	E

AS = Achievement Standard

**This is only an indication of the assessments that may be covered in the course.
Final details will be given at the beginning of 2023.**

GEOGRAPHY

NCEA Level 1

Prerequisite (What should I have already done?) An interest in the world around you

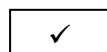
Who could tell me more?

Miss Bradley - TiC Geography

Mr Rimamate

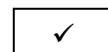
Ms Redwood - HOD Social Sciences

This course is assessed using:

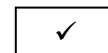


Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

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

The Year 11 Geography programme covers:

- An understanding of how an extreme natural event produced occurred and how it produced an effect on people and the place.
- An understanding of selected geographic issues of local and global significance.
- How to apply a range of geographic skills and techniques, including research skills.

What are the course enhancement costs?

Skills book \$25.00 purchased through Officemax

This course leads to:

NCEA Level 2 Geography.
However, each year of Geography is designed so that you can pick it up at any level.

AS	Domain	Title	Credits	Internal or External
AS91007 (L1 Lit)	Geography	Demonstrate a geographic understanding of an extreme natural event.	4	E
AS91010 (L1 Lit and L1 Num)	Geography	Apply concepts and basic geographic skills to demonstrate understanding of a given environment.	4	E
AS91013 (L1.Lit)	Geography	Describe aspects of a geographic topic at a global scale	3	I
AS91011 (L1 Lit and L1 Num)	Geography	Conduct geographic research with direction.	4	I
AS91012 (L1 Lit)	Geography	Describe aspects of a contemporary New Zealand geographic issue.	3	I

AS = Achievement Standard

This is only an indication of the possible assessments that may be covered in the course. Students will negotiate which assessments will be done with their teacher at the beginning of 2023.

HISTORY

NCEA Level 1

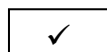
Prerequisite (What should I have already done?)

- Have an interest in finding out what historical factors, events and people of the past have shaped our current world situation and our social and political beliefs.

Who could tell me more?

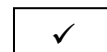
Ms Redwood – HOD Social Sciences

This course is assessed using:

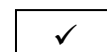


Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

History is the study of change over time and how the past impacts our present world. In this course we focus on major historical events which have changed the future of humanity forever. In 2023 the new Aotearoa New Zealand Histories curriculum will be implemented, providing a greater focus on our own national history and identity.

In 2023, we will study selected historical events which could include:

- The history of medicine and health through time (pre-history to present day) and how it impacted New Zealand.
- World War Two and its significance for New Zealanders (1939-1945).
- The Civil Rights Movement in the USA (1954-1960s) and how it impacted New Zealand.
- An important historical event from Aotearoa New Zealand History

What are the course enhancement costs? Possible field trip available

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

This course leads to:

Level 2 NCEA History. However, each year of History is designed so that you can pick it up at any level.

AS	Domain	Title	Credits	Internal or External
AS91001 (L1 Lit)	History	Carry out an investigation of an historical event, or place, of significance to New Zealanders.	4	I
AS91002 (L1 Lit)	History	Demonstrate understanding of an historical event, or place, of significance to New Zealanders.	4	I
AS91003 (L1 Lit)	History	Interpret sources of an historical event of significance to New Zealanders.	4	E
AS91005 (L1 Lit)	History	Describe the causes and consequences of an historical event.	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 2023.**

JAPANESE NCEA Level 1

Prerequisite:

It is recommended that students should have completed the Year 10 Japanese course 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 range of everyday situations through person-to-person interactions; social media platforms and digital tools in collaborative learning contexts:
- You will continue to learn how to ask and give information more fluently in Japanese. You will continue to consolidate on your reading skills of short passages and dialogues written in Japanese that will also include some kanji with fluency.
- You will continue to build on your written skills of notes, dialogues, short letters and passages using hiragana, katakana and kanji where appropriate in a logical manner with accuracy and fluency.
- You will continue to learn more about Japanese people and their way of life.

What are the course enhancement costs?

\$30 iiTomo 3/4 Student Workbook online from OfficeMax

\$14 ALC Certificate 2 Japanese

\$23 Language Perfect User Licence (NZ Curriculum based Japanese Vocabulary Learning Website)

This course leads to:

NCEA Level 2 Japanese – Provisional prerequisite is 19 Achieved credits at Level 1 Japanese

Assessment Language Competency Japanese Certificate 2

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

AS	Domain	Title	Credits	Internal or External
AS91956	Japanese	Interact in Japanese about everyday topic	5	I
AS91957	Japanese	Use Japanese to communicate on everyday topic	5	I
AS91958	Japanese	Show understanding of Japanese related to everyday contexts	5	E
AS91959	Japanese	Use Japanese characters to produce responses related to everyday contexts	5	E

AS = Achievement Standard

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

Final details will be given at the beginning of 2023.

MATHEMATICS AND STATISTICS – 11MAT NCEA Level 1

Prerequisite (What should I have already done?)

Students should have attained at least a Merit in Year 10 Number and Algebra. The students' Mathematics teacher plays an important role in advising on overall performance through the year.

Who could tell me more?

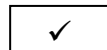
Mr Vickers HOD Mathematics and Statistics

This course is assessed using:

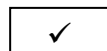


Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn? Focus on the more

Algebra
Graphs
Trigonometry

Statistics
Probability
Measurement

What are the course enhancement costs?:

Education enhancement online learning resource \$23
Take home workbooks approximately \$30 ordered online from Officemax

This course leads to:

NCEA Level 2 Mathematics if you gain a Merit or higher in AS91027 and 10 credits at Merit or higher overall.

AS	Domain	Title	Credits	Internal or External
AS91027 (L1 Num)	Algebra	Apply algebraic procedures in solving problems (MCAT).	4	E
AS91028 (L1 Num)	Algebra	Investigate relationships between tables, equations or graphs.	4	E
AS91037 (L1 Num)	Statistics	Demonstrate understanding of Chance and Data.	4	E
AS91029 (L1 Num)	Algebra	Apply linear algebra in solving problems.	3	I
AS91032 (L1 Num)	Trigonometry	Apply right-angled triangles in solving measurement problems.	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 2023.**

MATHEMATICS AND STATISTICS – 11MAS NCEA Level 1

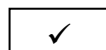
Prerequisite (What should I have already done?)

Year 10 Mathematics.

Who could tell me more?

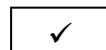
Mr Vickers - HOD Mathematics and Statistics

This course is assessed using:

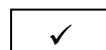


Achievement Standards

This course is:



Internally assessed



Externally assessed

What will I learn?

Numeracy
Statistics
Probability
Measurement

What are the Course enhancement costs?

Education enhancement online learning resource \$23
Take home workbooks approximately \$30 ordered online from Officemax

This course leads to:

NCEA level 2 Mathematics with Statistics (12MAS), gain 18 credits overall.

AS	Domain	Title	Credits	Internal or External
AS91026	Number	Apply numeric reasoning in solving problems.	4	I
AS91030	Measurement	Apply measurement in solving problems.	3	I
AS91038	Statistics	Investigate bivariate numerical data using the statistical enquiry cycle	3	I
AS91035	Statistics	Investigate a given multivariate data set using the statistical enquiry cycle.	4	I
AS91037	Statistics	Demonstrate understanding of chance and data	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 2023.**

MUSIC

NCEA Level 1

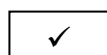
Prerequisite (What should I have already done?)

You should have been learning the same instrument or singing for a minimum of 2 years (either through the itinerant scheme or outside school) and have taken Year 10 Music, be able to play an instrument to Grade 2 Music Theory (ABRSM or Trinity/Guildhall or equivalent) standard and/or the approval of 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.

Who could tell me more?

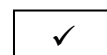
Mr Gibbs - HOD Music

This course is assessed using:

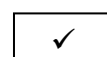


Achievement Standards and a Unit Standard

This course is:



Internally assessed



Externally assessed

What will I learn?

- How to perform as a soloist and in a group
- How to compose music.
- How to analyse music taking into account its context in the history of music.
- Score reading and aural transcription
- How to use sound technology software and equipment

What are the course enhancement costs?

Nil

This course leads to:

NCEA Level 2 Music

AS	Domain	Title	Credits	Internal or External
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Whilst the externals are compulsory, the other standards can be chosen to best suit the student

AS91090 Version 3	Making Music	Perform two pieces of music as a featured soloist.	6	I
AS91091 Version 3	Making Music	Demonstrate ensemble skills through performing a piece of music as a member of a group.	4	I
AS91092 Version 3	Making Music	Compose two original pieces of music.	6	I
AS91093 Version 3	Making Music	Demonstrate aural and theoretical skills through transcription	4	E
AS91094 Version 3 (L1 Lit)	Music Studies	Demonstrate knowledge of conventions used in music scores.	4	E
US26687 Version 3	Performing Arts Technology	Demonstrate and apply knowledge of sound technology for a performance context.	4	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 2023.**

PHYSICAL EDUCATION STUDIES (PHYSICAL EXERCISE SCIENCE) NCEA Level 1

Prerequisite (What should I have already done?)

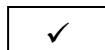
Year 10 Physical Education & Science

Who could tell me more?

Mr Bali (Teacher in charge Level 1)

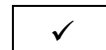
Mrs Holmes- HOD PE

This course is assessed using:



Achievement Standards

This course is:



Internally assessed

What will I learn? This course is made up of both theory (classroom) and practical

- The function of the body as it relates to performance – anatomy, cardiovascular, respiratory and energy systems, muscular and skeletal structure, biomechanical principles - motion, stability, Newton's laws, summation of forces, projectile motion, and friction.
- Societal influences on physical activity and the implications for self and others.
- Strategies to improve performance of a physical activity and describe the outcomes.
- Practical performance assessment in the Tennis and Tough Guy and Gal challenge.
- Demonstrate responsible behaviour in Outdoor Education- you will participate in white-water rafting and high ropes course trips.

What are the course enhancement costs?

\$170.00 which includes participation and entry to external physical activities, transport, facilities and training sessions.

This course leads to:

Level 2 Physical Education Studies (Physical Exercise Science)

Provisional prerequisite – 15 credits from Level 1 Exercise Science

AS	Domain	Title	Credits	Internal or External
AS 92016	Physical Education	Demonstrate movements in context.	5	I
AS 92017	Physical Education	Demonstrate understanding of strategies which promote kotahitanga in movement.	5	I
AS92018	Physical Education	Explore the relationship between movement and Hauora.	5	E
AS 92019	Physical Education	Demonstrate understanding of influences on movement in Aotearoa New Zealand.	5	E

AS = Achievement Standard. Total credits = 20

**This is only an indication of the assessments that may be covered in the course.
Final details will be given at the beginning of 2023.**

PHYSICAL EDUCATION - CORE NCEA Level 1

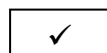
Prerequisite (What should I have already done?)

Year 10 Health and Physical Education

Who could tell me more?

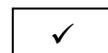
Mrs Holmes - HOD Physical Education

This course is assessed using:



Achievement Standards

This course is:



Internally assessed

What will I learn?

- Interpersonal skills – you will learn to demonstrate interpersonal skills in a team and reflect on the impact of these interpersonal skills.
- Skills relating to new and challenging activities which focus on sports from other countries (Handball, Lacrosse, Tapuwae, Kia o Rahi, AFL).
- The importance of fitness, experiencing various fitness activities within our community.
- You will participate actively in a variety of physical activities (including fitness sessions, ultimate frisbee, soccer, basketball, volleyball, touch, badminton, tennis) and explain factors that influence your own participation.

What are the course enhancement costs?

You will need your own Device

This course leads to:

A healthy, active lifestyle and the ability to apply interpersonal skills in a range of contexts.
NCEA Level 2 Core Physical Education

AS	Domain	Title	Credits	Internal or External
AS90966 (L1 Lit)	Physical Education	Demonstrate interpersonal skills in a group and explain how these skills impact on others.	4	I
AS90962	Physical Education	Participate actively in a variety of physical activities and explain factors that influence own participation.	5	1

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 2023.**

SCIENCE NCEA Level 1

Prerequisite (What should I have already done?)

Year 10 Science

Who could tell me more?

Your Science Teacher or Mr Williamson - HOD Science

This course is assessed using:

Achievement Standards

This course is:

Internally assessed

Externally assessed

What will I learn?

- In order to continue with a separate Science in Level 2, students will need to attain a Merit grade in their specific area of interest and Merit grades in the other external assessments.
- Genetics
- Mechanics
- Acids and Bases
- Identifying and explaining selected chemical reactions
- Fair test investigations

What are the course enhancement costs?

Take home workbook approx. \$30 – ordered through Office
Max online
Education enhancement online resource \$23
Field trips and learning opportunities may become available throughout the year and costs will be advised at the time

This course leads to:

NCEA Level 2 Biology
NCEA Level 2 Chemistry
NCEA Level 2 Physics
NCEA Level 2 Science

AS	Domain	Title	Credits	Internal or External
AS90940 (L1 Num)	Science	Demonstrate understanding of aspects of mechanics.	4	E
AS90944	Science	Demonstrate an understanding of aspects of acids and bases.	4	E
AS90948 (L1 Lit)	Science	Demonstrate understanding of biological ideas relating to genetic variation.	4	E
AS90935 (L1 Num)	Physics	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	4	I
AS90947	Science	Investigate selected chemical reactions.	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 2023.**

SCIENCE ALTERNATIVE NCEA Level 1

Prerequisite (What should I have already done?)

Year 10 Science

Who could tell me more?

Your Science Teacher or Mr Williamson - HOD Science

This course is assessed using:

Achievement Standards

This course is:

Internally assessed

What will I learn?

- In 2023 you will complete a Level 1 Science course. This is an internally assessed course designed for students who struggle in high pressure end of year examination conditions.
- The course is made up of 5 internally assessed Achievement Standards.
- This course leads on to the internally assessed Level 2 Science course but NOT onto Level 2 Biology, Chemistry or Physics
- Fair testing investigations
- Micro-organisms
- Selected Chemical reactions
- Rates of reactions

What are the course enhancement costs?

- Take home workbook approx. \$45 (ordered through Office Max online)
- Education enhancement online resource \$23

This course leads to:

NCEA Level 2 Science – Internally assessed (NOT Level 2 Biology, Chemistry or Physics)

AS	Domain	Title	Credits	Internal or External
AS90930	Chemistry	Carry out a practical chemistry investigation, with direction.	4	I
AS90925	Biology	Carry out a practical biology investigation, with direction.	4	I
AS90947	Science	Investigate selected chemical reactions.	4	I
AS90950 (L1 Lit)	Science	Investigate biological ideas relating to interactions between humans and micro-organisms	4	I
AS 90935 (L1 Num)	Physics	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	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 2023.**

TECHNOLOGY – FOOD TECHNOLOGY

NCEA Level 1

Prerequisite (What should I have already done?)

An interest in product design, nutrition, meal planning, food and ingredients, carrying out research, through modelling, testing and trialling. This project-based course offers personalised learning to suit your learning needs. Having completed a Food Technology Year 9 and / or Year 10 course would be a positive lead into senior Technology.

Who could tell me more?

Mrs Rehu - HOD Technology
Mrs McCreath

This course is assessed using:

Achievement Standards

This course is:

Internally assessed

Externally assessed

What will I learn?

- Knowledge and application of food safety and hygiene procedures
- General food preparation and presentation techniques used in the hospitality industry
- New food product development and testing applications

What are the course enhancement costs?

\$100.00 which includes take home food products from developing, testing and trialling, food and beverages consumed. Students may be required to bring additional or specialised ingredients depending on the products they design. Visual diary and portfolio required.

This course leads to:

NCEA Level 2

AS	Domain	Title	Credits	Internal or External
AS91046	Generic Technology	Use design ideas to produce a conceptual design for an outcome to address a brief	6	I
AS91048 (Lit)	Generic Technologies	Demonstrate understanding of how technological modelling supports decision-making	4	E
AS91082	Processing Technologies	Implement basic procedures to process a specific product	4	I
AS91084	Processing Technologies	Demonstrate understanding of basic concepts used in preserving and packaging techniques for product storage	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 2023.**

TECHNOLOGY - MULTI MATERIALS TECHNOLOGY

NCEA Level 1

Prerequisite (What should I have already done?)

- Basic skills using hand tools and machinery in Year 9 and/or Year 10. DVC Year 10 would also be useful
- Understanding of the design process and portfolio documentation.

Who could tell me more?

Mrs Rehu - HoD Technology or Mr Kathnaur

This course is assessed using:

Achievement Standards

This course is:

Internally assessed

Externally assessed

What will I learn?

- Develop basic skills when using tools and equipment
- Acquire construction and joinery techniques
- Problem solving by providing a solution to fulfil the requirements of a brief
- Further develop freehand and technical drawing skills
- Design and planning skills
- Project management
- Safe practices in a workshop environment

What are the course enhancement costs?

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

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

This course leads to:

- NCEA Level 2 Multi Materials Technology
- Building and Construction
- Engineering
- Carpentry
- Furniture design and assembly

AS	Domain	Title	Credits	Internal or External
AS91046	Generic Technology	Use design ideas to produce a conceptual design for an outcome to address a brief.	6	I
AS91048 (Lit)	Generic Technology	Demonstrate understanding of how technological modelling supports decision making.	4	E
AS91057	Construction and Mechanical Technologies	Implement basic procedures using resistant materials to make a specified product.	6	I
AS91063	Design and Visual Communication	Produce freehand sketches that communicate design ideas.	3	E

AS = Achievement Standard; 19 credits

This is only an indication of the assessments that may be covered in the course. Final details will be given at the beginning of 2023.

TECHNOLOGY – TEXTILE TECHNOLOGY - TET

NCEA Level 1

Prerequisite (What should I have already done?)

No prerequisites however, Year 10 Technology – Food, Fabric or Materials are an advantage.
Passion to learn the craft of textiles applications and applied design.

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?

- Basic fashion illustrations and creating a portfolio
- Adapting an existing pattern to create your own design
- Develop construction skills, use of sewing equipment and machines
- Planning, research, design skills needed to develop knowledge and understanding of technological practice, nature of society and technological knowledge.

What are the course enhancement costs?

\$90.00 includes consumables used during the year. Students will also be responsible for supplying their **own patterns and fabric** for the prototype standard.

Visual Diary and folio folder.

Field trip \$25

This course leads to:

NCEA Level 2 Fashion and Design 12FAD
Project Runway - Fashion Competitions

AS	Domain	Title	Credits	Internal or External
AS91047	Generic Technology	Undertake development to make a prototype to address a brief.	6	I
AS91048 (L1 Lit)	Generic Technology	Demonstrate understanding of how technological modelling supports decision-making.	4	E
AS91058	Construction & Mechanical Technology	Implement basic procedures using textile material to make a specified product.	6	I
AS91096	Construction & Mechanical Technology	Make basic adaptations to a pattern to enable a design to fit a person or item.	4	I

AS = Achievement Standard

**This is only an indication of the assessments that may be offered in the course.
Final details will be given at the beginning of 2023.**

Students choose no more than 18 credits in total (including the External if it is chosen).

DESIGN AND VISUAL COMMUNICATION (Graphics)

NCEA Level 1

Prerequisite (What should I have already done?)

- Year 10 DVC preferable
- Prior use of Computer Aided Design and technical drawing instruments (compass, set squares) would help, but is not compulsory.
- Good mathematics skills/ability
- Good portfolio presentation skills

Who could tell me more?

Mrs Rehu HoD Technology or Mr Weijermars

This course is assessed using:

Achievement Standards

This course is:

Internally assessed

Externally assessed

What will I learn?

- Product and spatial design
- Communication of design ideas (free-hand and formal)
- The use of different modes and media
- Computer Aided Design (CAD) skills
- Technical drawing skills using appropriate instruments
- Problem solving
- Portfolio and assignment presentation

What are the course enhancement costs?

\$50.00 which includes take home components as developed and used in class from school provided DVC resources.

This course leads to:

NCEA Level 2 DVC (Graphics)

AS	Domain	Title	Credits	Internal or External
AS91063	Design – Graphic Communication	Produce freehand sketches that show design features.	3	E
AS91065	Design – Graphic Communication	Producing a pictorial drawing using instruments (drawing tools).	3	E
AS91066	Design – Graphic Communication	Use rendering techniques to communicate the form of design ideas	3	I
AS91068	Design – Graphic Communication	Undertake development of design ideas through graphics practice	6	I
AS90169	Design – Graphic Communication	Promote an organised body of design work to an audience using visual communication techniques	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 2023.**



**For more information
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