



TRIDENT HIGH SCHOOL

2026 SENIOR

CURRICULUM GUIDE

NCEA (NATIONAL CERTIFICATE OF EDUCATION)

The National Certificate of Educational Achievement (NCEA) is the main national qualification for secondary school students in New Zealand.

NCEA is recognised by employers, and used for selection by universities and polytechnics, both in New Zealand and overseas.

How it works:

Each year, students study a number of courses or subjects. In each subject, skills and knowledge are assessed against a number of standards. For example, a Mathematics standard could be AS91944: "Explore data using statistical enquiry process". Schools use a range of internal and external assessments to measure how well students meet these standards. When a student achieves a standard, they gain a number of credits. Students must achieve a certain number of credits to gain an NCEA certificate. There are three levels of NCEA certificate, depending on the difficulty of the standards achieved. In general, students work through Levels 1 to 3 in Years 11 to 13 at school. Students are recognised for high achievement at each level by gaining NCEA with Merit Endorsement, or NCEA with Excellence Endorsement. High achievement in a course is also recognised by endorsing the course.

How many courses will I be taking?

You need to be taking 6 courses at the appropriate level. Year 13 students with demanding academic courses are allowed to have a study period instead of a sixth subject.

Why do I need to pick back-up courses?

Some courses are taught at the same time. Sometimes courses don't run in a particular year because not enough students want to take the course. It is important to select backups that will keep your options open leading into your chosen career pathways.

Where can I get help or more information?

Your subject teacher will be able to address your questions about each course. You can also get help from the Deans, Careers team, Heads of Department (HoD), and Whānau Akō teachers. Finally, don't forget to talk things through with your parents/caregivers.

Fast Facts:

- English is compulsory at Level 1
- Maths is compulsory at Level 1
- It is very strongly recommended to take a Science course at Level 1 to keep options open for future study and career pathways

Can I enrol in a Trades course through Futures Academy?

Yes. We offer Trades courses through Futures Academy. This is often run on set days so can impact on attending other classes in school. This is only open to Year 12 and Year 13 students.

What are University Approved Pathway Subjects?

Applicants to New Zealand universities require credits in approved subjects. These are referred to as UE Approved subjects.



NCEA INFORMATION

NCEA Level 1

National Certificate of Educational Achievement Level 1 will be awarded when you have a total of 60 Level 1 credits or higher and you have achieved the 20 literacy and numeracy co-requisites credits. Literacy and Numeracy credits can only be gained through a very limited number of standards in main subject courses, or through the common assessment activity (CAA) held at several points each year. This is taken in the form of a digital exam. Credits gained can only be used as subject credits **or** as literacy/numeracy co-requisite credits.

NCEA Level 2

The National Certificate of Education Achievement Level 2 will be awarded to students who have gained a total of 80 credits.

- 60 credits must be Level 2 or higher Unit Standards and/or Achievement Standards.
- 20 credits from Level 1 count up towards Level 2.

NCEA Level 3

- The National Certificate of Education Achievement Level 3 is awarded to students who have gained a total of 80 credits;
- 60 credits must be Level 3 Unit Standards and/or Achievement Standards.
- 20 credits from Level 2 count up towards Level 3.

University Entrance

University Entrance (UE) is received when a student has achieved:

- Level 3
- 14 credits each, in three UE approved subjects
- UE Literacy (10 credits at L2 or above: 5 credits each in reading and writing).

A general rule is that courses that offer unit standards are **NOT** UE approved, and cannot contribute to UE Literacy. It is important to check these details with the teacher in charge.



Approved Subjects for University Pathway

Art Design

Art Painting

Art Photography

Biology

Business Studies

Calculus

Chemistry

Classics

Drama

English

Food Design

Geography

Health Education

History

Japanese

Mathematics

Music Studies

Physical Education

Physics

Product Design

Science

Social Studies

Spanish

Statistics (Mathematics)

Te Reo Māori

Technology

University Entry requirements for specific university courses

Universities have specific requirements for courses and you will need to ensure that the subjects you choose meet these standards. The Careers Counsellor will have this information.

Endorsement Certificates

Certificate Endorsement is a way of reflecting the Merit and Excellence credits shown on the Record of Achievement. Certificate Endorsement requires 50 credits to be gained at Merit (or higher) for Merit Endorsement, and 50 credits at Excellence for Excellence Endorsement.

NCEA Course Endorsement

Students are able to gain further recognition of the achievements through Merit and Excellence Endorsement in specific courses.

With Course Endorsement, students will receive an Excellence Endorsement if they gain 14 or more credits at Excellence level, while students gaining 14 or more credits at Merit (or Merit and Excellence) will gain a Merit Endorsement. At least 3 of the 14 credits must be from internally assessed standards, and 3 from external assessment (national examinations), to demonstrate students are competent in both forms of assessment.

New Zealand Scholarship

New Zealand Scholarship will extend our best secondary students and enable top scholars to be identified and acknowledged. Students will be able to enter one or more scholarship examinations while completing their Level 3 assessments in the scholarship subject areas.

The aim is to assess a student's ability to synthesise and integrate concepts – to apply higher-level thinking based on in-school and independent learning. Most of the content assessed for Scholarship is the same as that covered for Level 3 Achievement Standards. All Scholarship candidates must complete a full year of Level 3 studies at a secondary school. Scholarship is a 3 hour examination for all subjects except Art, Design & Visual Communication, and Physical Education which are done in a report or portfolio format. For each subject, two levels of achievement can be gained:

- Scholarship
- Outstanding Performance

The scholarship is an award and not a qualification. There are 'top' student awards and monetary awards which currently are:

- Single Subject Award: for students who gain Scholarship in up to two subjects, a one-off award of \$500 per subject.
- Top Student in Subject: \$2,000 each year for three years provided the student maintains a B grade average in tertiary study.
- Scholarship Award: a student gains Scholarship in three subjects will be awarded \$2,000 each year for three years provided the student maintains a B grade average in tertiary study.
- Outstanding Scholar Award: for the top 40 – 60 students who gain outstanding performances in at least two or three Scholarship subjects passed. The award is \$5,000 each year for three years provided the student maintains a B grade average in tertiary study.
- Premier Award: for the top 5 – 10 students who get three Scholarships with outstanding performances will be awarded \$10,000 each year for three years provided the student maintains a B-grade average in tertiary study.



CURRICULUM STRUCTURE

YEAR 9	YEAR 10	YEAR 11	YEAR 12	YEAR 13
<ul style="list-style-type: none"> Mathematics 	<ul style="list-style-type: none"> Mathematics 	<ul style="list-style-type: none"> Mathematics & Statistics Applied Mathematics 	<ul style="list-style-type: none"> Mathematics Calculus Mathematics Statistics Mathematics Financial Literacy 	<ul style="list-style-type: none"> Mathematics Calculus Mathematics Statistics Mathematics Financial Literacy
<ul style="list-style-type: none"> English Japanese Spanish Te Reo Māori 	<ul style="list-style-type: none"> English Japanese Spanish Te Reo Māori 	<ul style="list-style-type: none"> English English Communications Japanese Spanish Te Reo Māori 	<ul style="list-style-type: none"> English Academic English General English Communications Japanese Spanish Te Reo Māori 	<ul style="list-style-type: none"> English Academic English General English Communications Japanese Spanish Te Reo Māori
<ul style="list-style-type: none"> Science Ocean Studies 	<ul style="list-style-type: none"> Science Ocean Studies 	<ul style="list-style-type: none"> General Science Internal Science 	<ul style="list-style-type: none"> General Science Biology Chemistry Physics 	<ul style="list-style-type: none"> General Science Biology Chemistry Physics
<ul style="list-style-type: none"> Social Studies Tikanga 	<ul style="list-style-type: none"> Business Studies/Commerce Social Studies 	<ul style="list-style-type: none"> Commerce Geography History Community and Society 	<ul style="list-style-type: none"> Business Studies Geography History Classics Landscapes and Society 	<ul style="list-style-type: none"> Business Studies Geography History
<ul style="list-style-type: none"> Visual Arts Mixed Media Arts Drama Te Ao Haka Music Traditional Māori Games Whakairo(Carving) 	<ul style="list-style-type: none"> Visual Arts Mixed Media Arts Drama Ngā Toi Māori Music Musical Theatre Whakairo(Carving) 	<ul style="list-style-type: none"> Visual Art Drama Te Ao Haka Music Whakairo(Carving) 	<ul style="list-style-type: none"> Art Painting Art Photography Drama Te Ao Haka Music Whakairo(Carving) 	<ul style="list-style-type: none"> Art Painting Art Photography Drama Te Ao Haka Music Whakairo(Carving)
<ul style="list-style-type: none"> Computer Aided Manufacturing (CAM) Fabric Design Food Design Product Design STEM- including EPro8 	<ul style="list-style-type: none"> Computer Aided Manufacturing (CAM) Engineering Fabric Design Food Design Product Design RoboTech Interior Design & Architecture 	<ul style="list-style-type: none"> Computer Aided Manufacturing (CAM) Engineering Fashion Design Food Design Product Design Design Visual Communication 	<ul style="list-style-type: none"> Computer Aided Manufacturing (CAM) Engineering Fashion Design Food Design Product Design 	<ul style="list-style-type: none"> Computer Aided Manufacturing (CAM) Engineering Fashion Design Food Design Product Design
<ul style="list-style-type: none"> PE & Health Outdoor Education 	<ul style="list-style-type: none"> PE & Health Outdoor Education 	<ul style="list-style-type: none"> Health Studies Sport Science PE Core 	<ul style="list-style-type: none"> Health Studies Sport Science PE Core 	<ul style="list-style-type: none"> Health Studies Sport Science PE Core
	<ul style="list-style-type: none"> Junior Service Academy 	<ul style="list-style-type: none"> Landskills 	YEAR 12/13 <ul style="list-style-type: none"> Futures Academy Landskills Pathways Allied Trades Training Sport, Exercise & Coaching 	

MATHEMATICS

LANGUAGES

SCIENCE

SOCIAL STUDIES

ARTS

TECHNOLOGY

PHYSICAL EDUCATION

VOCATIONAL PATHWAYS

LEVEL 1 SUBJECT SELECTION

You will need to choose four subjects plus one back-up subject in case of a clash.

You must do English and Mathematics. It is highly recommend that you also take Science and a Social Science subject.



Mathematics

PĀNGARAU

LEVEL 1

MATHEMATICS & STATISTICS (1MXM)

Develop your skills in all aspects of Mathematics needed for life, including Number, Algebra, Geometry, Measurement, Statistics and Probability. This course will help you feel more confident using maths and statistics and prepares you for academic Level 2 and Level 3 Mathematics & Statistics courses.

Credits: 15-20

Internal Credits	10
External Credits	5
If times allows Credits	5
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	Yes

APPLIED MATHEMATICS (1MXA)

Credits: 16-21

Internal Credits	16
External Credits	0
If times allows Credits	5
Endorsement available	No
University approved pathway	No
L1 Literacy	No
L1 Numeracy	Yes

This internally assessed course helps you build your skills in all areas of Maths, like Number, Geometry, Measurement, Statistics, and Probability. You'll use what you learn in real-life situations, such as budgeting and paying tax. You will be supported to work towards achieving the Numeracy co-requisite.



Languages

NGĀ REO

ENGLISH (1ENG)

The kaupapa of this course is to show how literature shapes our world and our identity. In this course you will explore through written and visual texts, human psychology and social issues. You will explore genre conventions, language features and text aspects in order to create your own imaginative realities. The course covers the learning objectives of all four English Achievement Standards and we strongly encourage students to attempt both externals for subject endorsement.

Credits: 20

Internal Credits	10
External Credits	10
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	Yes
L1 Numeracy	No

ENGLISH COMMUNICATIONS (1ENC)

Credits: 15

Internal Credits	10
External Credits	5
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	Yes
L1 Numeracy	No

The kaupapa of this course is how to understand the codes and conventions in texts and understand how context shapes verbal language. By learning about aspects of studied texts you will learn how reading, writing and effective communication, both in marketing and storytelling, is an essential part of life. The course will prepare you for the Literacy co-requisites which is essential for gaining NCEA.

TE REO MĀORI (1MAO)

The Level 1 programme aims to create numerous opportunities for Te Reo Māori to flourish with vitality and vibrance, while our department focuses on nurturing the abilities of taurira. There are two internal assessments centered on communicating in Te Reo Māori and two external assessments that emphasise accuracy and language integrity or understanding the unique aspects of Te Reo Māori through its history and cultural nuances.

Credits: 20-36

Internal Credits	10
External Credits	10
If times allows Credits	16
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	Yes
L1 Numeracy	No

SPANISH (ISPA)

Credits: 20

Internal Credits	10
External Credits	10
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

Learning Spanish helps us talk to all kinds of people from different places and learn about their cultures. When you learn Spanish, you also learn more about yourself and how you fit into the world. In NCEA Level 1 Spanish you will cover topics directly related to you and your family such as school, holidays and daily routines, and look at Hispanic cultural elements.

JAPANESE (1JPN)

Level 1 Japanese is the beginning of a three year journey to being able to maintain and sustain a conversation, explore varied opinions on an issue and understand extended Japanese text. In our class we will learn how to communicate about our lives at home, at school and in our community. We will use spoken and written language communicating our ideas clearly, creatively and with confidence. We will work by ourselves and with other classmates to become better at Japanese.

Credits: 20

Internal Credits	10
External Credits	10
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No



Science

PŪTAIAO

GENERAL SCIENCE (ISCG)

Credits: 16-21

Internal Credits	6
External Credits	10
If times allows Credits	5
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

The General Science course introduces Chemistry, Biology, and Physics, preparing students for Level 2 studies. Students must have passed Year 10 Science with consistent achievement, particularly in final exams. The course combines internal and external assessments. Learners explore chemical reactions in daily life, investigate genetic variation to solve crimes and protect species, and understand inheritable diseases. They also study mechanical, thermal, and electrical energy, examining how these forms of energy are applied in everyday situations and technologies.



INTERNAL SCIENCE (ISCI)

Internal Science offers students a course to explore and investigate the world around them. Topics include Biology, Horticulture, and Chemistry. Students study microorganisms in food production, combustion and its impact on global warming, and conduct a horticulture investigation into the Kiwifruit industry. All assessments are internal, with no end-of-year exams. The course is taught at a slower pace and offers varied assessment options to support students' preferred ways of communicating their understanding and demonstrating their learning.

Credits: 16

Internal Credits	16
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	Yes
L1 Literacy	Yes
L1 Numeracy	No

Social Studies

TE AO TANGATA

LEVEL 1

COMMERCE (1COM)

Commerce is about how people and organisations make financial decisions that affect their lives and the environment. You'll learn how households, businesses, and governments use limited resources to meet their needs and goals. The course explores different reasons behind decisions—like making profit, creating jobs, or caring for the environment. You'll develop skills to understand the effects of these choices and discover how innovation and enterprise can help improve living standards while protecting resources for the future.

Credits: 15

Internal Credits	10
External Credits	5
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	Yes

GEOGRAPHY (1GEO)

Credits: 22-24

Internal Credits	12
External Credits	10
If times allows Credits	2
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	Yes
L1 Numeracy	Yes

Level 1 Geography explores how people interact with their natural and cultural environments. Students investigate the impacts of extreme natural events like earthquakes and tsunamis, and the challenges posed by sea-level rise and increased storm frequency in the Eastern Bay of Plenty. The course also examines urban planning pressures in the Bay of Plenty and compares local issues with international case studies. Through research and analysis, students develop skills in spatial thinking and geographic inquiry.

HISTORY (1HIS)

Explore how individuals and groups have challenged and shaped power in Aotearoa and globally. This course investigates diverse historical protests, examining their causes, forms, and impacts on society. You'll develop critical thinking by analysing primary and secondary sources, uncovering silenced voices, and understanding the ongoing legacy of participation in historical movements.

Credits: 15

Internal Credits	10
External Credits	5
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	Yes
L1 Numeracy	No

COMMUNITY AND SOCIETY (1CAS)

Credits: 20

Internal Credits	20
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
L1 Literacy	Yes
L1 Numeracy	Yes

This course is aimed at students who did not gain the Literacy and Numeracy CAAs in Year 10. This course will allow students to gain Literacy and Numeracy credits at Level 1 in an alternative way. These are all internal standards which can be worked on over the year. Students are encouraged to work collaboratively on learning and assessments using contexts which are relevant and linked to student interest and ability.

NGĀ TOI

VISUAL ART (1ART)

This is a full year course that combines internal and external standards. Students are able to create artwork across a variety of media including drawing, printmaking, design, painting and photography. Whilst this course is an extension of the Year 10 program, students who have not studied Art previously are able to enrol.

Credits: 15-20

Internal Credits	5
External Credits	10
If times allows Credits	5
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

DRAMA (1DRA)

Credits: 20-30

Internal Credits	10
External Credits	10
If times allows Credits	10
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

Level 1 Drama is a full year course incorporating internal and external standards exploring theatre in Aotearoa and creative strategies for devising performance. Through Drama, learners explore the lives and worlds of others and develop a deeper understanding of themselves and empathy for others. They will engage with the ways in which drama can uplift and sustain the mana of communities, groups and individuals. This course is for students who want to learn and develop performance-based Drama.



TE AO HAKA (1HAK)

Te Ao Haka is a culturally responsive art form that lets all students engage with Māori culture, language, and traditions. Through Te Ao Haka, students develop skills and attitudes that help them become lifelong learners and prepare them for future success. At NCEA Level 1, students learn and explore the basics of Te Ao Haka.

Credits: 16-30

Internal Credits	16
External Credits	8
If times allows Credits	6
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

MUSIC (1MUS)

Credits: 19-24

Internal Credits	14
External Credits	5
If times allows Credits	5
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

This full-year course is for students interested in developing their performance and composition skills. The course consists of a combination of NCEA Level 1 internally and externally assessed standards that focus on the musical disciplines of Solo/Group Performance, Composition, Aural and the study of several Music Works. Students selecting this course **must** be instrumentalists or vocalists, and enjoy collaborative performing and composing/songwriting in small groups (bands within the class). Students must take weekly lessons on their instrument in addition to the classroom lessons.



WHAKAIRO (1WHK)

Level 1 Whakairo is a full-time programme in which you will learn various designs and elements of whakairo. You will gain knowledge and understanding in Whakairo through learning in a kaupapa Māori driven environment. This course covers the application of Māori art conventions, design and practice to experience Whakairo. Other aspects will include Kawa, Tikanga, Karakia and Waiata. Although this will mainly be a practical course, there are still requirements to complete the Whakairo theory workbook.

Credits: 24

Internal Credits	24
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
L1 Literacy	No
L1 Numeracy	No

Technology

HĀNGARAU

COMPUTER AIDED MANUFACTURING (1CAM)

Credits: 18-24

Internal Credits	13
External Credits	5
If times allows Credits	6
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

This course provides ākonga with a range of opportunities to use computer design techniques to manufacture products using digital technologies and software for their digital portfolio based on localised themes. They will create concepts, design plans, apply appropriate tools and techniques, develop core digital skills and explain relevant implications and design and develop digital outcomes, and show computational thinking.

ENGINEERING (1EDT)

This course is for students who enjoy creating products using a variety of design techniques and manufacturing methods. Ākonga can explore a variety of materials (eg. wood, plastic, metal, composites) before manufacturing an end product. This course prepares ākonga for a career in designing, manufacturing, engineering, automotive and construction industries using traditional and emerging technologies. Students will be taught in-depth skills on how to tackle basic problems, explore creative solutions, skillfully use hand tools, workshop machinery, portable tools, and CNC machinery including laser and plasma cutting, 3D-printing and much more.

Credits: 24-48

Internal Credits	20
External Credits	4
If times allows Credits	24
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

FASHION DESIGN TECHNOLOGY (1FAD)

Credits: 16

Internal Credits	11
External Credits	5
If times allows Credits	No
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

This course provides students with hands-on experience using soft materials to create fashion products related to their heritage or culture. Students will explore traditional materials, techniques, patterns, textures inspired by tikanga and communicate their thoughts using a range of visual communication skills. Students will demonstrate an understanding of aesthetics, functionality and sustainability throughout design development. This is achieved through technological practices such as transforming, manipulating and combining materials and processes together.

FOOD DESIGN (1FDT)

Food Design Technology focuses on the safe development of food products through the exploration of ingredients, equipment, techniques, and processes. Students will plan, trial, and modify recipes to meet the needs and preferences of various stakeholders. The programme includes research into historical food practices to inform innovative, sustainable food solutions for the future. Key themes include sustainability, manaakitanga (hospitality and care), and celebration. This subject supports creativity, critical thinking, and practical skills relevant to a range of food-related careers.

Credits: 25

Internal Credits	21
External Credits	4
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

PRODUCT DESIGN (1PDT)

Credits: 24-30

Internal Credits	20
External Credits	4
If times allows Credits	6
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

This course introduces students to the basic fundamental principles and processes involved in creating innovative and functional products. This hands-on course focuses on the entire product design lifecycle, from concept generation to prototyping, manufacturing and presentation. Through a combination of workshops, and projects, students will develop a deep understanding of design aesthetics, user-centered design, materials selection, manufacturing processes, and sustainability considerations. Wood, metal and plastics are available to be used and combined to transform into products designed by the students.



DESIGN & VISUAL COMMUNICATION (1DVC)

Level 1 DVC introduces students to visual communication and design. They learn freehand sketching, technical drawing, and CAD to solve spatial and product design problems. Emphasis is placed on design thinking, presentation, and creativity. Students explore functional and aesthetic design elements while developing visual literacy and confidence. The course prepares students for Level 2 DVC in 2027, and future pathways in architecture, product design, and engineering.

Credits: 15-20

Internal Credits	10
External Credits	5
If times allows Credits	5
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

Physical Education

HĀKINAKINA

HEALTH STUDIES (1HEA)

Credits: 20-26

Internal Credits	10
External Credits	10
If times allows Credits	6
Endorsement available	Yes
University approved pathway	No
L1 Literacy	No
L1 Numeracy	No

Level 1 Health Education is about engaging in three key areas of learning; Food and Nutrition, Mental Health, and Relationships and Sexuality in relation to hauora and the health and wellbeing of individuals, whānau, and communities. Students learn how a range of factors influence wellbeing, and expand their understanding of what contributes to healthy relationships. They develop strategies to strengthen their sense of identity and self-worth. Key learning opportunities will arise through a range of key topics such as Mental Health, Resiliency, Interpersonal Skills, ABL, Overnight Camp, Sexuality Education and Drug Education.

SPORT SCIENCE (1PES)

Sport Science explores how the body functions and how to improve physical performance. Students gain in-depth knowledge of bones, muscles, and joints, and learn how training affects the body. This knowledge is applied across a range of movement contexts, with a focus on internal and external influences. The course includes two practical and two theory lessons per week. Students also critically examine different styles of physical activity and the factors that shape our experiences of movement.

Credits: 15-20

Internal Credits	10
External Credits	5
If times allows Credits	5
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

PHYSICAL EDUCATION CORE (1PEC)

Credits: 15

Internal Credits	10
External Credits	5
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
L1 Literacy	No
L1 Numeracy	No

Physical Education Core focuses on how physical activity influences well-being through Hauora and Health models. Students explore how movement affects mental, social, and emotional aspects of health, and develop teamwork skills like kotahitanga and manaakitanga. Strategy, communication, and reflection are key components. Students engage in two practical and two theory lessons per week. Unlike Sport Science, this course emphasises learning around Hauora. Credits include both internal and external assessments, with endorsement available for high achievement.

LEVEL 2 SUBJECT SELECTION

You will need to choose five subjects plus one back-up subject in case of a clash. You must take English. It is highly recommended you take a Maths, Science or Social Science subject.



Mathematics

PĀNGARAU

MATHEMATICS WITH CALCULUS (2MXC)

Explore the exciting world of Calculus and discover how it helps us understand real-life situations like speeding cars, growing populations, and changing weather. You'll learn about rates of change, derivatives, and integrals—key tools for solving big problems in science, tech, and everyday life. Calculus connects Algebra and Geometry and reveals the beauty behind how things move and change. Take this course to challenge yourself, boost your skills, and see Maths in a whole new way.

Credits: 20-28

Internal Credits	11
External Credits	9
If times allows Credits	8
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

MATHEMATICS (2MXM)

Credits: 20

Internal Credits	20
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	Yes
UE Literacy	Yes

Love both Maths and Stats? This course is for you! You'll dive into algebraic methods and real-life problems, learning how to apply your skills to everything from patterns and equations to real-world situations like trends and predictions. It's a perfect mix of theory and practical application. All assessments are internal, so you can show what you know throughout the year—no exams! Build strong problem-solving skills and set yourself up for success in future Maths, Science, or Business pathways.

MATHEMATICS WITH STATISTICS (2MXS)

Dive into the world of Statistics and learn how to make sense of the data all around us! You'll explore how to collect, organise, and analyse information to spot patterns, trends, and relationships. Whether it's predicting outcomes, making smart decisions, or solving real-world problems in Science, Business, or everyday life, statistics gives you the tools to do it. Become a confident, critical thinker and a smart user of information. Take Statistics and unlock skills that will help you in any future career path!

Credits: 20

Internal Credits	16
External Credits	4
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

FINANCIAL LITERACY (2MXL)

Credits: 17

Internal Credits	17
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
UE Literacy	No

Equip yourself with essential life skills through Financial Literacy! Learn how to manage money wisely, create budgets, and make smart financial decisions that shape your future. Explore banking, credit, savings, and investments to help you reach your goals and avoid debt. Whether you want to own a business, travel the world, or simply be independent, these skills will set you up for success. Financial Literacy builds confidence and gives you the tools to take control of your financial future—starting now!

Languages

NGĀ REO

ENGLISH ACADEMIC (2ENA)

The kaupapa of the English Academic course is to explore how language and literature shapes and creates our relationship with ourselves, each other and our world(s). You will explore through written and visual texts the psychology of human emotions, morality, politics and social commentary, identity, culture, power and gender. You will study literature from a collection of New Zealand and international writers. Course completion will gain you University Entrance in Literacy and eligibility for Subject Endorsement through English internal and external Achievement Standards.

Credits: 25-29

Internal Credits	17
External Credits	8
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

ENGLISH GENERAL (2ENG)

Credits: 21-25

Internal Credits	17
External Credits	4
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

The kaupapa of the English General course is to unpack how language and literature has the power to influence humanity. You will explore a range of styles, conventions, perspectives, and ideas through a range of poetry, short stories and more as we seek to understand how creators position us to view our world. Course completion will gain you University Entrance in Literacy through English internal Achievement Standards. External examinations are optional but are strongly encouraged for Subject Endorsement.

ENGLISH COMMUNICATIONS (2ENC)

The kaupapa of the English Communications course is to utilise writing and reading skills for practical purposes. You will learn how to articulate yourself confidently in both written and oral forms. You will explore how formal language can prepare you well for life beyond the classroom. Course completion will gain you Level 2 English through Achievement and Unit Standards as well as credits towards University Entrance Literacy .

Credits: 24-28

Internal Credits	24
External Credits	0
If times allows Credits	4
Endorsement available	No
University approved pathway	Yes
UE Literacy	Yes

JAPANESE (2JPN)

Credits: 20

Internal Credits	10
External Credits	10
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

L2 Japanese is the second of a three year journey to being able to maintain and sustain a conversation, explore varied opinions on an issue and understand extended Japanese text. We will learn how to communicate about our lives at home, at school and in our community and how those experiences compare and contrast to those of our peers in Japan. We will use spoken and written language to communicate information clearly, creatively and with confidence. We will continue to work individually and in pairs and groups.

SPANISH (2SPA)

Learning Spanish is a real advantage for students, especially in today's world where everything is connected. When you get good at Spanish, you can talk to people from all over and understand their cultures better. It is adding a special skill to your learning toolkit. In NCEA Level 2 Spanish you will cover topics that are less familiar to you such as education, travel and employment comparing and understanding these in both a New Zealand and Hispanic context.

Credits: 24

Internal Credits	14
External Credits	10
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

TE REO MĀORI (2MAO)

Credits: 28-42

Internal Credits	16
External Credits	12
If times allows Credits	14
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

This Level 2 course offers two learning pathways: Te Reo Māori proficient learners complete complete NCEA assessments focused on writing, speaking, and listening, aimed at strengthening advanced language skills within a cultural framework. Emerging Learners follow the Manaaki ki te Tangata ki te Marae programme, which provides practical, marae-based experiences that build cultural knowledge and apply tikanga Māori through written and hands-on tasks.



Science

PŪTAIAO

GENERAL SCIENCE (2SCG)

Credits: 20

Internal Credits	20
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	Yes
UE Literacy	No

This course covers topics from Biology, Chemistry, Physics, and Earth and Space Science. It is ideal for students interested in Science, needing Level 2 standards for Trades or Armed Forces, or who haven't met prerequisites for single Science subjects. It leads into Level 3 Science (3SCG) but does not provide entry to Level 3 Biology, Chemistry, or Physics. Students can earn 16 Level 2 credits through a mix of internal and external standards, contributing to their NCEA Level 2.

BIOLOGY (2BIO)

Biology is the study of living things. In this course students develop an understanding of the diversity of life and life processes.

Students learn about evolution as the result of life processes and their interaction with the environment. They learn about cells and the cell processes of photosynthesis, respiration and cell division.

They also learn about genetic variation and start to explore how organisms change and evolve.

Credits: 20-22

Internal Credits	12
External Credits	8
If times allows Credits	2
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

CHEMISTRY (2CHE)

Credits: 17-20

Internal Credits	7
External Credits	10
If times allows Credits	3
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

In this course, you will explore oxidation-reduction reactions, the structure and bonding of compounds, their properties, and associated energy changes. You will also complete practical investigations using quantitative analysis techniques. This course prepares students for Level 3 Chemistry (3CHE) and is intended for those planning to attend university. A commitment to sitting the Level 2 external Chemistry exam is compulsory.

PHYSICS (2PHY)

In Level 2 Physics, you will explore the core principles of motion described by Newton's Laws. Physicists aim to understand how the universe behaves, studying wave phenomena like sound and light, along with the complex interactions of electricity and magnetism that drive celestial motion. This knowledge impacts many fields, from developing medical treatments and tackling climate change to innovations in gaming, robotics, and artificial intelligence (AI). As a result, Physicists are at the forefront of discovery and Technology, playing a vital role in shaping our future.

Credits: 19-23

Internal Credits	7
External Credits	12
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

LEVEL 2

Social Studies

TE AO TANGATA

BUSINESS STUDIES (2BST)

Credits: 19

Internal Credits	15
External Credits	4
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

Business Studies explores how people organise, plan, and run businesses to create products and services for others. You'll learn how businesses are shaped by culture, the environment, ethics, and the economy. Topics like sustainability, globalisation, and enterprise are key. This subject helps you build useful skills for the future, encouraging creativity and problem-solving, so you can contribute to your community and New Zealand's success.

GEOGRAPHY (2GEO)

Geography explores relationships between people and their natural and cultural environments. It investigates Earth's features, explaining the patterns and processes that create them. Students learn to think spatially, using maps, visual images, and new technologies to obtain, present, and analyse information. Topics include the impact of 1080 use in New Zealand, tourism development in Rotorua, and the global study of volcanoes. Geographic concepts and skills are applied for external exams.

Credits: 22-24

Internal Credits	14
External Credits	8
If times allows Credits	2
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

HISTORY (2HIS)

Credits: 23

Internal Credits	14
External Credits	9
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

Investigate historical struggles for social justice in Aotearoa and beyond. This course examines diverse movements addressing inequality, human rights, and systemic injustices. Through critical analysis of historical evidence, you will explore the complexities of these struggles, understand their enduring legacies, and develop skills in researching and interpreting different perspectives on the past.

LANDSCAPES AND SOCIETY (2LAS)

This course provides students the opportunity to study a Social Sciences subject that incorporates Level 2 standards, that also focuses on gaining Literacy and Numeracy qualifications at Level 1. This is a case study themed subject incorporating field trips, which allows students to undertake learning that is focused on natural and cultural landscape issues and topics. The course also explores how human influences have led to challenges for our community and society that require action or a response.

Credits: 20-23

Internal Credits	20
External Credits	0
If times allows Credits	3
Endorsement available	No
University approved pathway	No
UE Literacy	No

CLASSICS (2CLA)

Credits: 24-30

Internal Credits	10
External Credits	14
If times allows Credits	6
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

This course is a journey into the ancient world. We will explore the journeys of Alexander the Great, Roman architecture, The Iliad and Roman Religion. Build your research skills and find out what the Greeks and Romans have to do with 21st Century New Zealand.



ART PAINTING (2ARP)

Students are able to work in a variety of media, exploring both dry (drawing) and wet (painting) techniques. Creativity and experimentation are encouraged. The external standard is in the form of a folio presentation at the end of the year. Students are able to take Level 2 Painting without having completed Level 1 Art.

Credits: 20-24

Internal Credits	8
External Credits	12
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

ART DESIGN (2ARD)

Credits: 20-24

Internal Credits	8
External Credits	12
If times allows Credits	6
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

Level 2 Art Design is a full year course incorporating internal and external standards that takes the form of a folio presentation. Students will be introduced to the principles and elements of good design as well as learn to use a variety of the software in the Adobe Creative Suite (Photoshop, Illustrator, InDesign). Students will explore creating designs that promote a brand, brand image and target audience of their own choosing. Students are able to take Art Design at Level 2 without having taken Art at Level 1.

ART PHOTOGRAPHY (2PHO)

This is a full year course incorporating internal and external standards that take the form of a folio presentation. In photography, you will be introduced to camera technology as well as the wonderful world of photoshop. You will explore a range of photography practices and be given the opportunity to explore photography through the genres of portraiture, landscape, still life, documentary and/or abstraction. Students are able to take Photography at Level 2 without having taken Art at Level 1.

Credits: 20-24

Internal Credits	8
External Credits	12
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No



DRAMA (2DRA)

Credits: 22-32

Internal Credits	18
External Credits	4
If times allows Credits	10
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

Level 2 Drama is a full year course incorporating internal and external standards exploring theatre in Aotearoa and creative strategies for devising and performance. Through Drama, learners explore the lives and worlds of others and develop a deeper understanding of themselves and empathy for others. They will engage with the ways in which Drama can uplift and sustain the mana of communities, groups and individuals. This course is for students who want to learn and develop performance-based Drama.

TE AO HAKA (2HAK)

Te Ao Haka is a culturally responsive art form that allows all students to engage with Māori culture, language, and traditions. Through Te Ao Haka, students gain skills and attitudes that help them become lifelong learners and prepare for future success. At NCEA Level 2, students build on their knowledge by exploring their creativity, innovating, and experimenting with their roles and connections within Te Ao Haka.

Credits: 20-30

Internal Credits	12
External Credits	8
If times allows Credits	10
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

MUSIC (2MUS)

Credits: 32-38

Internal Credits	24
External Credits	8
If times allows Credits	6
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

This course focuses on Performance (Solo and Group), Composition, Aural, Materials of Music, and a knowledge and understanding of Music Works which are required for Level 2 of the NCEA. Extensive learning of recording and live skills will be covered throughout the year. Students will be able to use the skills to write their own music, make recordings, and set up a live stage. It is designed to follow 3 years of studying music and 3 years of learning an instrument. Students who have not taken 1MUS course prior will have to have an interview and an audition to take this course in Year 12.

WHAKAIRO (2WHK)

Level 2 Whakairo will develop your understanding of various designs and elements of Whakairo which originate from the Mataatua region. You will gain knowledge and understanding in Whakairo through learning in a kaupapa Māori driven environment. This course covers the application of Māori art conventions, design, and practice to experience Whakairo. Other aspects to this course will include, Kawa, Tikanga, Karakia and Waiata. Although this will mainly be a practical course, there are still requirements to complete the Whakairo theory workbook.

Credits: 24

Internal Credits	24
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
UE Literacy	No

Technology

HĀNGARAU

COMPUTER AIDED MANUFACTURING (2CAM)

Credits: 14-17

Internal Credits	11
External Credits	3
If times allows Credits	3
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

This course provides ākonga with opportunities to use enhanced computer design techniques to manufacture products using digital technologies and software to innovate ideas across a range of local and topical themes. They will create concepts, design standards, apply appropriate tools, explain user experience concepts and use information from coding, testing to improve the quality of their digital technology products.

ENGINEERING (2EDT)

This course is for students who enjoy creating products using a variety of technologies and complex manufacturing methods. Ākonga will explore a range of materials, components and methodologies before manufacturing an end product. This course prepares ākonga for a career in designing, manufacturing, electrical/mechanical engineering, automotive and construction industries using traditional and emerging technologies and techniques. They will be taught in-depth skills on how to tackle problems, explore creative solutions, skillfully use hand tools, workshop machinery, portable tools, and CNC machinery including laser and plasma cutting.

Credits: 18-42

Internal Credits	14
External Credits	4
If times allows Credits	24
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

FASHION DESIGN TECHNOLOGY (2FAD)

Credits: 16-22

Internal Credits	12
External Credits	4
If times allows Credits	6
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

This course provides students with hands-on experience using soft materials. Students will carry out research on a design era and explore potential design ideas for a wearable garment that shows two special features. They will demonstrate an understanding of aesthetics, functionality and sustainable practices throughout development and incorporate cultural and societal aspects into their concept designs.

FOOD DESIGN (2FDT)

Credits: 25

Internal Credits	21
External Credits	4
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

Food Design Technology blends creativity with hands-on skills to design safe, innovative food products. Students investigate ingredients, equipment (both domestic and industrial), techniques, and processes, while adapting recipes to meet the needs of different people. A major part of the course is a self-chosen project that addresses a real-life need at home, school, or in the community, with a strong focus on sustainability. Key themes include meeting specific nutritional needs, large-scale food production, and the cultural role of food in celebration.

PRODUCT DESIGN (2PDT)

Level 2 Product Design introduces students to the advanced principles and processes involved in creating innovative and functional products. This hands-on course focuses on the entire product design lifecycle, from concept generation to prototyping, manufacturing and presentation. Through a combination of workshops, and projects, students will develop a deep understanding of design aesthetics, user-centered design, materials selection, manufacturing processes, and sustainability considerations. Wood, metal and plastics are available to be used and combined to transform into products designed by the student.

Credits: 22-28

Internal Credits	18
External Credits	4
If times allows Credits	6
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No



Physical Education

HĀKINAKINA

HEALTH STUDIES (2HEA)

Level 2 Health Education builds on students' knowledge and skills previously developed at Level 1. This course will develop their ability to make informed decisions by analysing the influences, consequences and strategies associated with a range of relevant topics. Learning is through a variety of key studies such as Mental Health, Resiliency, Health Promotion in the community, issues related to Sexuality and Gender and Social Justice. Students will have the opportunity to experience an overnight camp and work together effectively as a team.

Credits: 20-23

Internal Credits	15
External Credits	5
If times allows Credits	3
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

PHYSICAL EDUCATION SPORT SCIENCE (2PES)

Credits: 19-23

Internal Credits	19
External Credits	0
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

Physical Education Sport Science is a practical and theory-based course exploring how the body works during exercise, how to improve performance, and key biophysical principles. Students will study Biomechanics, Anatomy, Psychology, and safety in outdoor settings, while investigating influences on physical activity in NZ youth. The course includes two practical and two theory (written work) lessons weekly. Fully internally assessed, students are eligible for subject endorsement internally.

PHYSICAL EDUCATION CORE (2PEC)

This interactive course builds on Level 1, focusing on leadership, group dynamics, outdoor safety, and participation in physical activity. Students will explore strategies for physical improvement, teamwork, and lifelong activity. The course includes two practical and two theory lessons (written work) per week, is 100% internally assessed, and offers a minimum of 16 credits. This course is Ideal for students passionate about leadership and working effectively with others.

Credits: 16-19

Internal Credits	16
External Credits	0
If times allows Credits	3
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

LEVEL 3 SUBJECT SELECTION

Students should pick 6 subjects and a back-up. For academically heavy subjects, students can pick a study line as a back up.



Mathematics

PĀNGARAU

MATHEMATICS WITH CALCULUS (3MXC)

Take your learning to the next level with Level 3 Calculus! Explore the Maths of change and motion through topics like derivatives, integrals, and real-world applications. This course challenges you to think deeply, solve complex problems, and develop powerful analytical skills. Calculus is not only essential for university pathways in Science, Engineering, and Technology—it also sharpens your critical thinking for any future career. If you enjoy a challenge and want to boost your maths game, Level 3 Calculus is for you!

Credits: 19-24

Internal Credits	7
External Credits	12
If times allows Credits	5
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

MATHEMATICS (3MXM)

Credits: 18-25

Internal Credits	18
External Credits	0
If times allows Credits	7
Endorsement available	No
University approved pathway	Yes
UE Literacy	No

Love both Maths and Stats? This course is perfect for you! You'll master algebraic techniques and apply them to real-life problems, making maths relevant and exciting. All work is internally assessed, so no final exams—just steady, hands-on learning. Plus, Level 3 Mathematics is University-Approved, opening doors to awesome future study options. Challenge yourself, build strong problem-solving skills, and get ready for success in any pathway you choose!

MATHEMATICS WITH STATISTICS (3MXS)

Unlock the power of data with Level 3 Statistics! Learn to interpret and analyze information, spot trends, and make smart decisions based on real-world data. This course helps you solve problems and predict outcomes in fields like Science, Business, and Social Sciences. Level 3 Statistics builds your critical thinking and prepares you for success in academics and beyond. Take on this challenge and gain skills that will give you a competitive edge for the future!

Credits: 20-27

Internal Credits	16
External Credits	4
If times allows Credits	7
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

FINANCIAL LITERACY (3MXL)

Credits: 22

Internal Credits	22
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
UE Literacy	No

Gain essential Financial Literacy skills to take control of your future! Learn how to manage money, create budgets, and make smart decisions about banking, credit, and investments. These skills will help you save for your goals, avoid debt, and build confidence in handling money. Whether you want to start a business or succeed in any career, Financial Literacy is a must-have for today's fast-paced world. Start your journey to financial freedom now!

Languages

NGĀ REO

ENGLISH ACADEMIC (3ENA)

Become a skilled master of rhetoric, the art of persuasion. You will also learn how to apply different theories to texts you choose, exploring philosophical, psychological, economical, historical, and sociological ideas that have shaped society (both NZ and beyond). Course completion will gain you University Entrance in Literacy and eligibility for Subject Endorsement through English internal and external Achievement Standards. This course is recommended for university/tertiary pathways.

Credits: 25-33

Internal Credits	17
External Credits	8
If times allows Credits	8
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

ENGLISH GENERAL (3ENG)

Credits: 21-25

Internal Credits	17
External Credits	4
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

The kaupapa of this course will focus on visual literacy, like graphic novels, short films, advertisements, video games and spoken word. You will learn how reading, analysing and creating effective communication, both in marketing and storytelling, is an essential part of life. Course completion will gain you University Entrance in Literacy through English internal Achievement Standards. External examinations are optional in this course but are strongly encouraged if you are aiming for course endorsement or are planning on going to university.

ENGLISH COMMUNICATIONS (3ENC)

The kaupapa of the English Communications course is to utilise writing and reading skills for practical purposes. This is a continuation of the Level 2 course where you will focus on adult literacy skills. You will learn how to articulate yourself confidently in both written and oral forms. You will explore how formal language can prepare you well for life beyond the classroom. Course completion will gain you Level 3 English through Achievement and Unit Standards.

Credits: 17-21

Internal Credits	17
External Credits	0
If times allows Credits	4
Endorsement available	No
University approved pathway	No
UE Literacy	Yes

JAPANESE (3JPN)

Credits: 21

Internal Credits	11
External Credits	10
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

Level 3 Japanese is the culmination of three years of learning to maintain and sustain a conversation, explore varied opinions and understand extended Japanese text. We will learn how to communicate on a range of topics relevant to our lives and beyond, drawing on our knowledge and experiences. We will use spoken and written language to explore varied perspectives and support and challenge the ideas of others communicating our ideas clearly, creatively and with confidence. We will continue to work by individually and in pairs and groups.

SPANISH (3SPA)

Learning Spanish not only enables effective communication with diverse global communities but also nurtures personal growth and a broader perspective on cultures. By integrating your own cultural experiences into Spanish learning, you can enrich your knowledge and connections. This skill equips you for various pathways, enhances employability, and cultivates valuable attributes such as cultural awareness, creative problem-solving, and collaborative abilities. In Level 3 Spanish you will look at topics that are less familiar to you such as Environmental, Political and Social issues in New Zealand and Hispanic cultures.

Credits: 24

Internal Credits	14
External Credits	10
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

TE REO MĀORI (3MAO)

Credits: 28-44

Internal Credits	16
External Credits	12
If times allows Credits	16
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

The Level 3 program builds upon the foundation established in Level 2, further enhancing students' proficiency in understanding, speaking, reading, and writing in Te Reo Māori. This advanced program aims to deepen students' engagement with the language, fostering greater fluency and literacy. Additionally, it offers an opportunity for students who are not yet proficient in Te Reo Māori to earn up to 16 credits by completing assessment tasks focused on tikanga concepts, thereby ensuring inclusivity and comprehensive learning in Māori cultural values and protocols.



Science

PŪTAIAO

GENERAL SCIENCE (3SCG)

Credits: 14

Internal Credits	14
External Credits	0
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

This course is for students interested in Science, those needing Level 3 Science standards for careers in Trades or the Armed Forces, or who haven't met prerequisites for single Science subjects at Level 3. It covers all four major Science disciplines through internal assessments only—there are no external exams. Topics include Chemistry (Spectroscopy), Physics (Medical Imaging), Biology (Seed Germination), and Earth, Ocean, and Space Science (Mission to Mars). This course allows students to gain University Entrance but cannot be taken alongside another Level 3 Science course due to overlapping standards.

BIOLOGY (3BIO)

In Level 3 Biology, you will study human evolution, how new species arise, plant responses, and animal behaviours. During the Internal part of the course, you'll visit the Ohiwa mudflats to investigate the life processes of local organisms. You will also study designer dogs as a socio-Scientific issue and explore the development of easy care sheep and super salmon. This learning helps you make informed, balanced decisions about biological issues like genetic testing, sustainability, and conservation.

Credits: 19

Internal Credits	10
External Credits	9
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

CHEMISTRY (3CHE)

Credits: 17-20

Internal Credits	7
External Credits	10
If times allows Credits	3
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

In this course, you will explore oxidation-reduction processes, organic chemistry, and spectroscopy for identifying compounds. You'll also study bonding, energy changes, and chemical processes occurring in the world around us. The course offers 19 Level 3 credits through a combination of Internal and External standards. Commitment to sitting the external exam is compulsory. This University Entrance-approved course requires an external standard to gain UE.

PHYSICS (3PHY)

In Level 3 Physics, our focus deepens as we explore key Physics concepts in greater detail, including a deeper examination of waves, electricity, magnetism, and mechanics. We delve into the intricacies of quantum and nuclear physics, while also addressing the societal ramifications associated with nuclear power utilisation. By the end of the course, you will possess a sophisticated comprehension of diverse Physics domains and their tangible significance in the real world.

Credits: 18-22

Internal Credits	10
External Credits	8
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

Social Studies

TE AO TANGATA

BUSINESS STUDIES (3BST)

Credits: 24

Internal Credits	16
External Credits	8
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

Business Studies is about learning how people work together to plan, create, and run businesses that meet customers' needs. You'll explore how business connects with culture, the environment, ethics, and the economy. Key ideas like sustainability, enterprise, and globalisation are a big focus. Business Studies helps you develop creative and enterprising skills to make a positive difference in the future – for yourself, your community, and New Zealand's economy.

GEOGRAPHY (3GEO)

Geography provides a holistic view of the world, combining knowledge, skills and understandings of the physical and social sciences. It fosters a curiosity about place and space, provokes questions about natural and cultural environments and their interconnectedness. Geography provides opportunities through fieldwork for first-hand investigations of places, environments, and human activities. Developing student understanding of complex issues such as climate change, event planning and resource management, coastal processes, contemporary international issues and globalisation.

Credits: 22-25

Internal Credits	14
External Credits	8
If times allows Credits	3
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

HISTORY (3HIS)

This Level 3 History course empowers students to conduct independent research into a contested historical event, drawing from Aotearoa and/or global contexts. You'll critically analyse diverse perspectives, evaluate source reliability, and determine historical significance. This course develops advanced research, analytical, and communication skills, preparing you to understand how the past shapes present realities and future possibilities.

Credits: 25

Internal Credits	15
External Credits	10
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

ART PAINTING (3ARP)

This is a full year course offering both internal and external standards. Students are able to work in their own dedicated cubicles (workspace) continuing to explore dry (drawing) and wet (painting) techniques using a range of artist models and resources. The external standard is a culmination of the years work (folio presentation) and takes the form of an end of year school exhibition. Whilst most students use this course as an extension of their Level 2 work, students who haven't taken Painting previously are able to join the class.

Credits: 22-26

Internal Credits	8
External Credits	14
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

ART DESIGN (3ARD)

Credits: 22-26

Internal Credits	8
External Credits	14
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

Level 3 Art Design is a full year course incorporating internal and external standards that takes the form of a folio presentation. Students will be introduced to the principles and elements of good design as well as learn to use a variety of the software in the Adobe Creative Suite (Photoshop, Illustrator, InDesign). Students will explore creating designs that promote a brand, brand image and target audience of their own choosing. Students are able to take Art Design at Level 3 without having taken Art Design at Level 2.

ART PHOTOGRAPHY (2PHO)

This is a full year course incorporating internal and external standards that take the form of a folio presentation. In Photography, you will explore a range of photographic practices and the wonderful world of photoshop. Whilst prior knowledge of Photography is useful, students are able to take Photography at Level 3 without having taken Photography at Level 2.

Credits: 22- 26

Internal Credits	8
External Credits	14
If times allows Credits	4
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

DRAMA (3DRA)

Credits: 22-32

Internal Credits	18
External Credits	4
If times allows Credits	10
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

Level 3 Drama is a full year course incorporating internal and external standards exploring theatre in Aotearoa and creative strategies for devising and performance. Through Drama, learners explore the lives and worlds of others and develop a deeper understanding of themselves and empathy for others. They will engage with the ways in which drama can uplift and sustain the mana of communities, groups and individuals. This course is for students who want to learn and develop performance-based Drama. There are also some entertainment and event standards available for students who want to learn more about this aspect.

TE AO HAKA (3HAK)

Te Ao Haka is a fun and evolving art form that helps students connect with Māori culture, language, and traditions. It teaches about Māori customs, community, and the importance of family and heritage. Through Te Ao Haka, students find purpose, reach their full potential, and learn to create a positive space for others. They also get to attend and contribute to local kapa haka events like the Mataatua Secondary Kapa Haka regionals, understanding what goes on behind the scenes to keep Te Ao Haka thriving.

Credits: 20-30

Internal Credits	10
External Credits	10
If times allows Credits	10
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

MUSIC (3MUS)

Credits: 34-46

Internal Credits	22
External Credits	12
If times allows Credits	12
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

This course focuses on Performance (Solo and Group), Composition, Aural, Materials of Music, and a knowledge and understanding of Music Works which are required for Level 3 of the NCEA. It is designed to follow previous NCEA Music study and at least 4 years of learning an instrument. Students who are focusing on the Performance standards will be given opportunities to perform on many different occasions, in different venues. They will be encouraged to compete at Regional or National competitions, in groups or as a soloist. Students who did not take 2MUS prior will need to have an interview and an audition.

WHAKAIRO (3WHK)

Level 3 Whakairo is a full-time programme where we will further develop your knowledge of designs and elements of Whakairo. You will gain knowledge and understanding in Whakairo through learning in a kaupapa Maori driven environment. This course covers the application of Māori art conventions, design and practice to experience Whakairo. Other aspects to this course will include Kawa, Tikanga, Karakia and Waiata. Although this will mainly be a practical course, there are still requirements to complete the theory workbook associated for Whakairo.

Credits: 24

Internal Credits	24
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
UE Literacy	No

Technology

HĀNGARAU

COMPUTER AIDED MANUFACTURING (3CAM)

Credits: 17-20

Internal Credits	14
External Credits	3
If times allows Credits	3
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

This course provides ākonga with opportunities to use enhanced computer design techniques to manufacture products using digital technologies and software to innovate ideas across a range of local and topical themes. They will create concepts, design standards, apply appropriate tools, explain user experience concepts and use information from coding, testing to improve the quality of their digital technology products.

ENGINEERING (3EDT)

This course is for students who enjoy developing solutions using a variety of design techniques to solve real-world issues. Ākonga explore a range of materials, components and methodologies before manufacturing an end product. This course prepares ākonga for careers in designing, manufacturing, electrical/mechanical engineering, automotive, construction industries using traditional and emerging technologies and techniques. They will be taught in-depth skills on how to tackle problems, explore creative solutions, using a wide range of workshop tools and equipment including CNC machinery such as laser and plasma-cutting, and 3D-Printing.

Credits: 24-48

Internal Credits	20
External Credits	4
If times allows Credits	24
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

FASHION DESIGN (3FAD)

Credits: 16-22

Internal Credits	12
External Credits	4
If times allows Credits	6
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

This course provides students with hands-on experience using soft materials. Students will carry out research relating to a theme and explore potential design ideas for a wearable garment, which needs to incorporate complex processes. They will demonstrate an understanding of aesthetics, functionality and sustainable practices throughout development and incorporate cultural and societal aspects into their concept designs.

FOOD DESIGN (3FDT)

Food Design Technology teaches safe food creation using HACCP principles while exploring ingredients, equipment, and advanced production techniques. Students adapt recipes to meet the needs of different people and complete a project that solves a real-life problem at home, school, or in the community— with sustainability in mind. Key themes include preparing for independent living, celebrating culture through food, and reinventing family favourites to be adaptable, sustainable, and ready for the future. This course builds creativity, practical skills, and problem-solving for life beyond school.

Credits: 22

Internal Credits	18
External Credits	4
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

PRODUCT DESIGN (3PDT)

Credits: 18-26

Internal Credits	14
External Credits	4
If times allows Credits	8
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	No

Level 3 Product Design introduces students to the complex principles and processes involved in creating innovative and functional products. This hands-on course focuses on the entire product design lifecycle, from concept generation to prototyping, manufacturing and presentation. Through a combination of workshops, and projects, students will develop a deep understanding of design aesthetics, user-centered design, materials selection, manufacturing processes, and sustainability considerations. Wood, metal and plastics are available to be used and combined to transform into products designed by the student.



Physical Education

HĀKINAKINA

HEALTH STUDIES (3HEA)

Level 3 Health Education builds from the Level 1 and 2 courses. Students are able to choose their context for research relating to New Zealand and international health issues, along with ethical issues relating to wellbeing and health promotion models. Students will have the opportunity to experience an overnight camp to work together as a team. This course is ideal for those looking for further study in Nursing, Health Care, Health Sciences, Psychology and the fitness industry.

Credits: 19-22

Internal Credits	14
External Credits	5
If times allows Credits	3
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

PHYSICAL EDUCATION SPORT SCIENCE (3PES)

Credits: 15-22

Internal Credits	15
External Credits	0
If times allows Credits	7
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

This interactive course builds on Levels 1 and 2, exploring Biophysical Principles, Sociocultural factors, and Exercise Prescription. Students investigate how the body responds to exercise, what influences participation, and how to stay active for life. The course includes two practical and two classroom based lessons (written work) per week, and is 100% internally assessed. Students can gain University Entrance and develop skills relevant to sport, health, and exercise-related careers.

PHYSICAL EDUCATION CORE (3PEC)

Level 3 Physical Education Core is for students who enjoy being active and want to continue their PE journey. The course builds on Levels 1 and 2, exploring Biophysical and Sociocultural concepts through theory and practical lessons, including Outdoor Education. Students will engage in two active and two classroom-based lessons (written work) per week. This course is 100% internally assessed, offers University Entrance with 14+ credits, and supports a range of future career pathways.

Credits: 15

Internal Credits	15
External Credits	0
If times allows Credits	0
Endorsement available	Yes
University approved pathway	Yes
UE Literacy	Yes

Vocational

TE TAUA O TŪ

FUTURES ACADEMY - LEVEL 2 & 3 (2/3 FTA)

The Futures/Trades Academy offers senior students hands-on tertiary training that helps to prepare them for their future. Courses are linked with growth fields in our region and are offered by various different training organisations. Students are dually enrolled with the training provider and Trident High School, attending their Future Trades course for full days as per the schedule. Students can earn both NCEA and tertiary level credits by NZQA. Year 12 and 13 students can apply to be considered for this exciting programme. There is no cost to be part of the Futures/Trades programme. Please refer to the Futures/Trades booklet to learn more about specific courses on offer.

LANDSKILLS (LNDSK)

This course provides a mixture of practical and theory based learning that will give you a range of experiences in our local region. Our key focus for the landskills programme will be to ensure that our students are supported to be engaged and experiencing their possible future educational and vocational pathways. Some of the experiences the students will have are bee keeping, agricultural farming, building, carpentry, gardening, forestry, equine skills, tractors, firefighting, firearms licensing, livestock butchery and Māoritanga. Students will be working towards NCEA Level 2. **Application Required.**

PATHWAYS - LEVEL 2 & 3 (2/3 PTH)

Are you wanting to obtain an apprenticeship or a full or part time job? This combined Level 2 and 3 class is a great pathway to employment. Students in Pathways can also apply for the GRIP programme, which sets students up at Woolworths, New World and in local pharmacies. Students then achieve a Level 2 Retail Certificate -worth 20 credits. Students can have work experience also set up for them. This is an essential element to help students increase their employability and help them to achieve their career goals.

WĀNANGA (2FTA)

Explore Te Ao Māori and gain a deeper understanding of traditional and cultural practices of Ngāti Awa, while also achieving level 2 & 3 credits. This wānanga course will apply traditional teachings and methodologies and covers unit standards about Māori practices such as karakia, kai service, hangi, and protocols and roles in Pōhiri. The wānanga course is delivered across a three week period, consisting of one week blocks each term for Term 1, 2 and 3.

Please select 2FTA for this course

Credits: 28

Internal Credits	28
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
UE Literacy	No



CAFE CATERING (2FTA)

Credits: 24

Internal Credits	24
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
UE Literacy	No

Like to be hands on? Want to learn all the practical skills for the cafe hospitality industry? Cafe Catering gives a well-rounded skill set to be able to work in the cafe industry. You will learn the basics of cabinet food preparation, food safety and knife handling, as well as barista training, plunger coffee and tea service. This gives you work-ready skills for an industry that can always guarantee employment. You will put these skills into practice by running pop-up cafes and drink services at Trident High School.

Please select 2FTA for this course.



ALLIED TRADES TRAINING (2FTA)

This is a full time course, consisting of one day theory work in school and 4 days practical work renovating a house. ATT have a partnership with BOP House Removals, who supply the house and the site in Mill rd. The tutor - Hamish Galloway (Master Builder) owns Galloway Builders and this also creates opportunities to work with his team. Students who enrol in ATT will learn various skills from tradies through renovating the house. There are also courses such as Health & Safety, Forklift and Working at Heights that students will participate in. Students will end the course with having related work experience and skills.

Please select 2FTA for this course.

Credits: 80

Internal Credits	80
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
UE Literacy	No



SERVICE ACADEMY

Credits: 37

Internal Credits	37
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
UE Literacy	No

Level 2 Service Academy is a year-long military-focused programme delivered to 20 Year 12 students within Trident High School. They will participate in a range of motivating and challenging learning experiences provided by the NZ Defence Force Youth Development Unit. These include a two-week Induction camp, Bushcraft camp and an Adventure Challenge camp. If selected, students can attend Leadership camps.

Application required.



SPORT, EXERCISE AND COACHING (2FTA)

This course is an introduction into sports and exercise, and sport coaching. Students will be engaged in various modules that cover essential aspects of physical fitness, exercise science, and coaching methodologies. By the end of the course, students will be equipped with both a theoretical and practical application knowledge.

Please select 2FTA for this course.

Credits: 38

Internal Credits	38
External Credits	0
If times allows Credits	0
Endorsement available	No
University approved pathway	No
UE Literacy	No

CAREERS HUB

Our Careers team encourage students to call in and meet the team at anytime. Our aim is to support every student to transition successfully from school into the world of work or further education and training. We oversee many programmes for students which aid this transition and we encourage our students to be proactive about looking beyond school and take full advantage of what is on offer to help them prepare for that time.



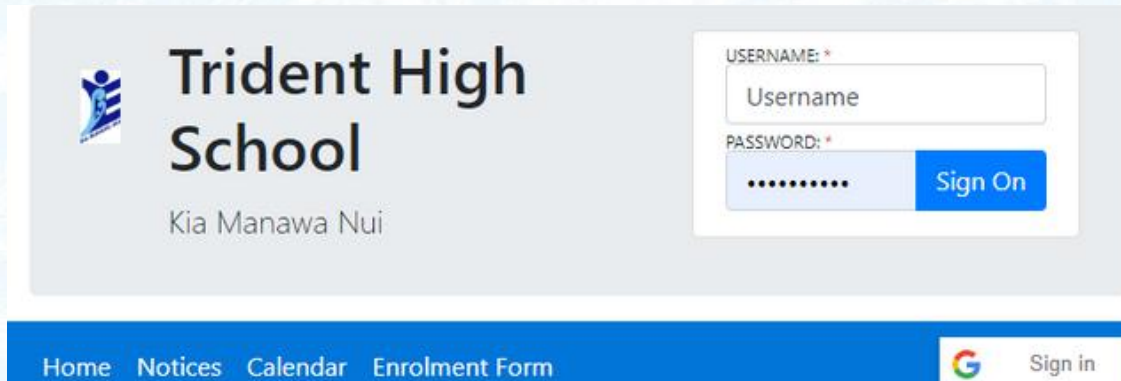
For more information, check out our careers website

PORTAL INSTRUCTIONS

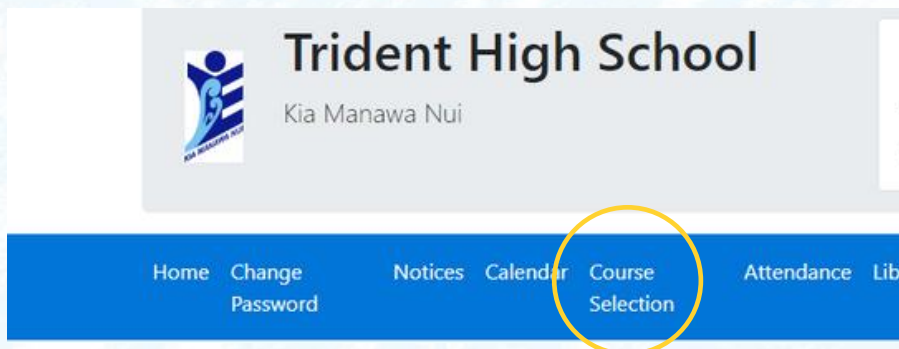
To gain access to the Trident High School Portal and webpage please use the following instructions

Step one: Enter the portal: <https://trident.school.kiwi/>

Step two: Use your username and password from school to log into the portal.



Step three: Select "Course Selection" from the left hand side of the page.



Step Four: Make your selections using the subject selection booklet and subject cards.

Course Selection

Year 13 Subject Selection Option Subjects

For 2024 Y13 Subject selection on portal
All subjects available for selection

Course	1	2	3	4	5	6
Arts						
Art Design Level 3 (3ARD)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Art Painting Level 3 (3ARP)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Drama & Technical Performing Arts Level 3 (3DRA)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Music Level 3 (3MUS)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Art Photography Level 3 (3PHO)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Step Five: Preview selection and confirm save.

1: Art Design Level 3 - 3ARD. 2: Art Painting Level 3 - 3ARP. 6: Drama & Technical Performing Arts Level 3 - 3DRA. 4: Music Level 3 - 3MUS. 5: Art Photography Level 3 - 3PHO. 3: Mathematics with Calculus Level 3 - 3MXC



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