



JHC

JAMES HARGEST COLLEGE KEEP FAITH



Year 11, 12 and 13 Subject Outlines 2026

Our Senior programme offers:

- Challenges for all students
- A high level of basic skill development
- A wide choice of subjects
- Opportunity to study at the Southern Institute of Technology and University level



QUALIFICATIONS AVAILABLE

YEAR	NATIONAL AWARD	UNIT STANDARDS
13	New Zealand Scholarships National Certificate of Educational Achievement (NCEA) Level 3	In some subjects National Certificates can be achieved in full or part via Unit Standards Assessment
12	National Certificate of Educational Achievement (NCEA) Level 2	
11	Brigadier's Diploma	

NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

- The assessment for each subject is made up of a number of Achievement Standards and/or Unit Standards. Some Achievement Standards are internally assessed and some are externally assessed. All Unit Standards are internally assessed. Each Standard generates a number of credits (generally between 2 and 6 credits) which make up the total for the subject.
- Achievement Standards are awarded grades of Not Achieved, Achieved, Achieved with Merit and Achieved with Excellence.
- Unit Standards are generally awarded grades of Not Achieved or Achieved.

NCEA LEVELS 2-3 CERTIFICATE ENDORSEMENT

Endorsement with Merit

For a certificate to be endorsed with Merit, 50 credits at Merit or Excellence will be required at the same level, or higher, on the National Qualifications Framework (NQF) as the certificate being awarded.

Endorsement with Excellence

For a certificate to be endorsed with Excellence, 50 credits at Excellence will be required at the same level, or higher, on the NQF as the certificate being awarded.

Course Endorsement (ie Subject Endorsements)

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. For most subjects at least 3 of the 14 credits must be from internally assessed standards and 3 from external assessments. This is to demonstrate students are competent in both forms of assessment.

POLICIES

1. Students must enrol in a full time course, i.e. 6 subjects (Year 11 and 12) and 5 subjects (Year 13).
2. Students are to enter all standards in each subject.
3. Any course changes must be made by 1 March in consultation with the Dean. After this it will be at the Dean's discretion.

YEAR 11 - BRIGADIER'S DIPLOMA

This Diploma provides the framework against which students are now assessed in Year 11. It maintains and protects academic rigour, while incorporating wider holistic educational goals. Year 11 is an important year where students are gaining the skills and knowledge to achieve to the best of their ability in NCEA Level Two the following year.

Course of Study





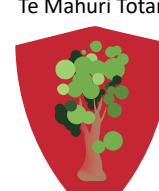

Students will undertake three compulsory courses in English, Maths and Science. Students also select three additional specialist subjects from our wide range of options.

Diploma Structure

Each Subject counts towards the total academic score. The total maximum score per course is 100. The six scores are added to create a score out of 600. They are converted to a Diploma Level. The Diploma may also be endorsed with important aspects such as Sports, Cultural or Āwhina contribution.

Assessment towards the Diploma:

This can consist of projects, presentations, tests, homework, examinations, checkpoints and planning materials. These will be dependent on the course. Assessments contribute to a total score for the course. Attendance and Hargest Way grades also form part of the data used to determine which level of the Diploma has been attained.

Academic Results	Diploma Level	Attendance requirement	Hargest Way Grades
	Beginning Te Kākano Tōtara  KĀKANO		
	Proficient Te Mātātīpu Tōtara  MĀTĀTĪPU		
	Advanced Te Kōhure Tōtara  KŌHURE	Less than 5% unjustified absences	Average Hargest Way Grades above 4
	Outstanding Te Māhuri Tōtara  MĀHURI	Less than 3% unjustified absences	Average Hargest Way Grades above 4.5
	Tōtara Pounamu  TŌTARA POUNAMU	No unjustified absence.	Average Hargest Way Grades of 5

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	Year 11	Level 2	Level 3
Art			
Art	✓		
Design		✓	✓
Painting		✓	✓
Photography		✓	✓
Printmaking		✓	✓
Drama			
Drama	✓	✓	✓
English			
English	✓	✓	✓
English for Speakers of Other Languages (ESOL)	✓	✓	✓
Food & Fabrics			
Childcare and Development		✓	
Culinary Arts	✓	✓	✓
Fashion and Design	✓	✓	✓
Food and Nutrition	✓	✓	✓
Languages			
French	✓	✓	✓
Japanese	✓	✓	✓
Spanish	✓	✓	✓
Te Reo Māori	✓	✓	✓
Mathematics & Statistics			
Mathematics MXT	✓		
Mathematics MXG	✓	✓	
Mathematics MXB	✓	✓	
Mathematics MXN	✓		
Mathematics MXA		✓	
Calculus			✓
Statistics A			✓
Statistics B			✓
Music			
Music	✓	✓	✓
Health & Physical Education			
Health and Physical Education	✓		
Health Education		✓	
Physical Education		✓	✓

Science			
Biology		✓	✓
Chemistry		✓	✓
Physics		✓	✓
Science	✓	✓	✓
Social Sciences			
Accounting	✓	✓	✓
Business Studies		✓	
Classical Studies		✓	✓
Economics	✓	✓	✓
Geography	✓	✓	✓
History	✓	✓	✓
Media Studies	✓	✓	✓
Tourism		✓	✓
Technology			
Building & Construction		✓	
Design & Visual Communication	✓	✓	✓
Digital Technologies	✓	✓	✓
Electronics		✓	
Hard Materials Design	✓	✓	✓
Hard Materials Trade	✓		
Mechanical Engineering		✓	✓
Other			
Literacy	✓	✓	✓
Outdoor Recreation		✓	
Transition Skills		✓	
Cambridge IGCSE	✓		

SENIOR SUBJECTS FOR 2026

This information outlines subject choices for all students in Years 11, 12, 13 and beyond. When choosing your subjects, look back at what you have taken and enjoyed in the past, and look ahead to see that you will be able to take the subjects you want in the following years.

YEAR 11 STUDENTS 2026

1. All students will choose 6 subjects.**
2. All students must take a course in English, Mathematics and Science.
3. Students may continue with their two Year 10 option subjects and/or choose from the following subjects :

Accounting	Art	Culinary Arts
Design & Visual Communication	Digital Technologies	Drama
Economics	ESOL	Fashion and Design
Food and Nutrition	Geography	Hard Materials Design
Hard Materials Trade	Health and Physical Education	History
Literacy	Media Studies	Music

Please read subject notes for conditions of entry.

**Students studying in the Cambridge class at Year 11 choose two optional subjects alongside their IGCSE classes

YEAR 12 STUDENTS 2026

1. All students will choose 6 subjects.
2. All students must take English in their course.
3. A student may choose a subject providing they meet the entry requirements.
4. Subjects that you can study for the first time at this level if you meet the entry requirements are:

Accounting	Biology	Building and Construction
Business Studies	Chemistry	Childcare and Development
Classical Studies	Culinary Arts	Design
Design & Visual Communication	Digital Technologies (Beginners)	Drama
Economics	Electronics	ESOL
Fashion and Design	Food and Nutrition	Geography
Hard Materials Design	Health Education	History
Literacy	Mechanical Engineering	Media Studies
Music	Outdoor Recreation	Photography
Physical Education	Physics	Tourism
Transition Skills		

Please read subject notes for conditions of entry.

NB: University Entrance requires students to have:

- 5 Level 2 Credits in Reading and 5 Level 2 Credits in Writing
- 10 Level 1 or higher credits in Numeracy

Many other Tertiary institutions have similar requirements. Please check University/Polytechnic websites and/or talk to Careers staff for specific course entry requirements.

Note: If you have not yet gained Literacy and/or Numeracy you will need to ensure that your chosen course allows for this.

YEAR 13 STUDENTS 2026

1. All students will choose 5 subjects. The selection of a sixth subject is at the discretion of Deans and Mrs McDowall.
2. A student may choose a subject providing they meet the entry requirements.
3. Subjects that you can study for the first time at this level if you meet the entry requirements, and in consultation with Head of Department, are:

Biology	Chemistry	Classical Studies
Design & Visual Communication	Digital Technologies	Drama
Economics	ESOL	Fashion and Design
Food and Nutrition	Geography	Hard Materials Design
Hard Materials Trade	History	Literacy
Media Studies	Music	Physical Education
Physics	Science	Tourism

Please read subject notes for conditions of entry.

CHOOSING SENIOR SUBJECTS

Where do I begin?

- Ask advice of Careers Advisers/Deans/Subject Teachers/Form Teachers/Whānau/Employers

www.tahatu.govt.nz has some great resources.

- Careers Interest Test
- Choosing NCEA subjects
- Future Studies Pathways

SUBJECT JOB MATCHER - MATCH JOBS WITH YOUR SCHOOL SUBJECTS

<https://www.moneyhub.co.nz/what-to-study.html>

And remember, not all subjects will necessarily lead to a promised career. By selecting a good range of subjects you will give yourself opportunities.

Year 10 Students 2025

Choose subjects from the Year 11 list.

Year 11 courses may include an Achievement Standard. All year 11 courses are designed to enable students to achieve NCEA Level Two in 2027.

Year 11 Students 2025

Choose subjects from the Level 2 list.

Look at Level 3 subjects.

Ask:

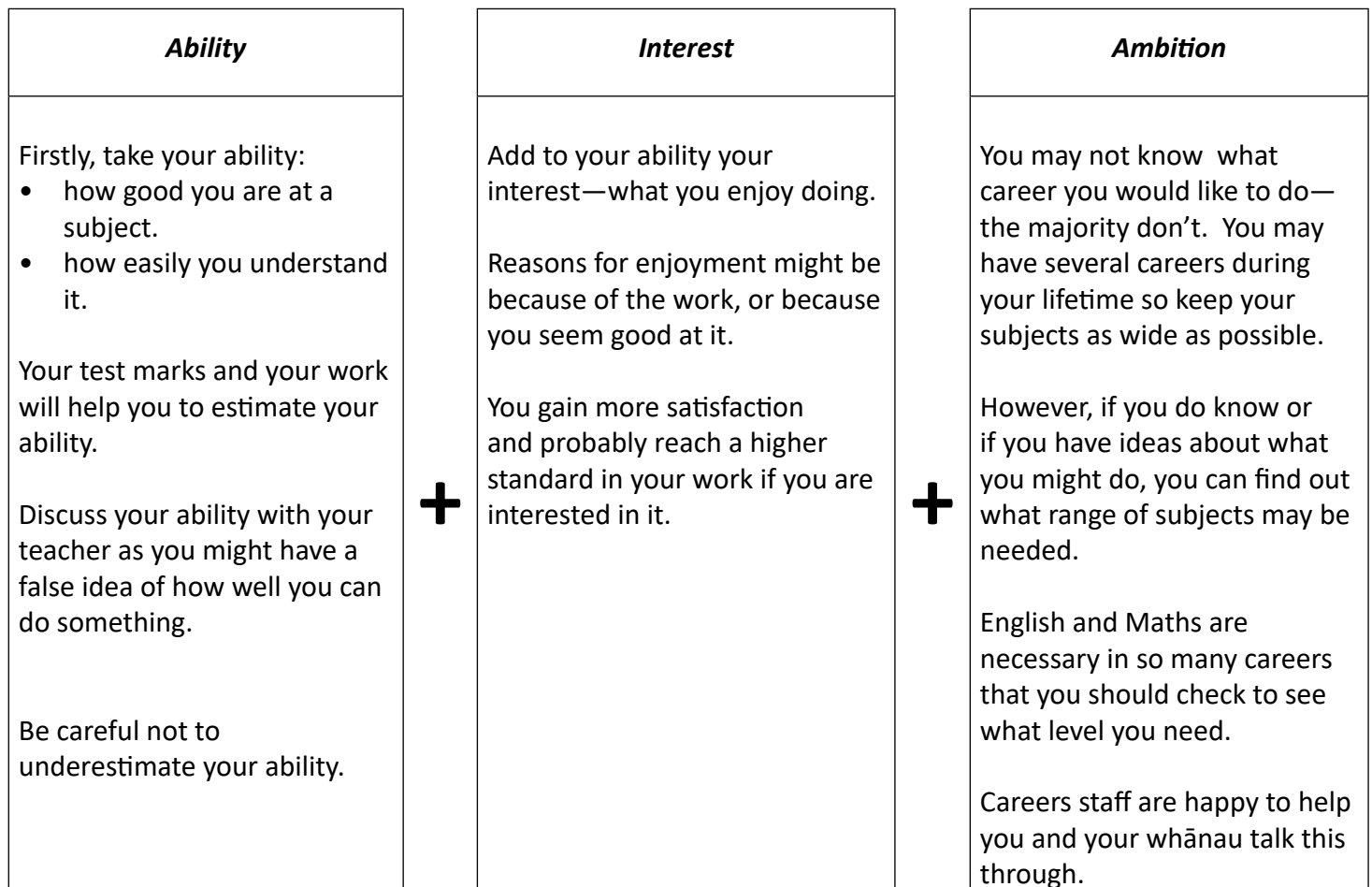
- Do I have enough subjects that continue to Level 3?
- Can I take a Level 3 subject without taking it at Level 2?

Year 12 Students 2025

Choose subjects from the Level 2 and Level 3 lists.

Keep your options open and consider University Entrance qualifications.

USE THIS FORMULA TO CHOOSE YOUR COURSE



LEADS TO



Subject choice

Go through the possible subjects listed. Take a note of possibilities and investigate those subjects thoroughly.

NB: COURSE CHANGES

Any course changes must be made by 1 March. After this, changes will be at the Dean's discretion.

QUALIFICATIONS

Exam entry fees are **not** listed under course descriptions as the school has no control over these. Currently only International Students pay NZQA fees.

LEVEL 2

National Certificate of Educational Achievement NCEA Level Two

For a student to be awarded NCEA Level 2, they must achieve 60 credits at Level 2 or higher, plus 20 credits of approved Literacy and Numeracy credits.

LEVEL 3

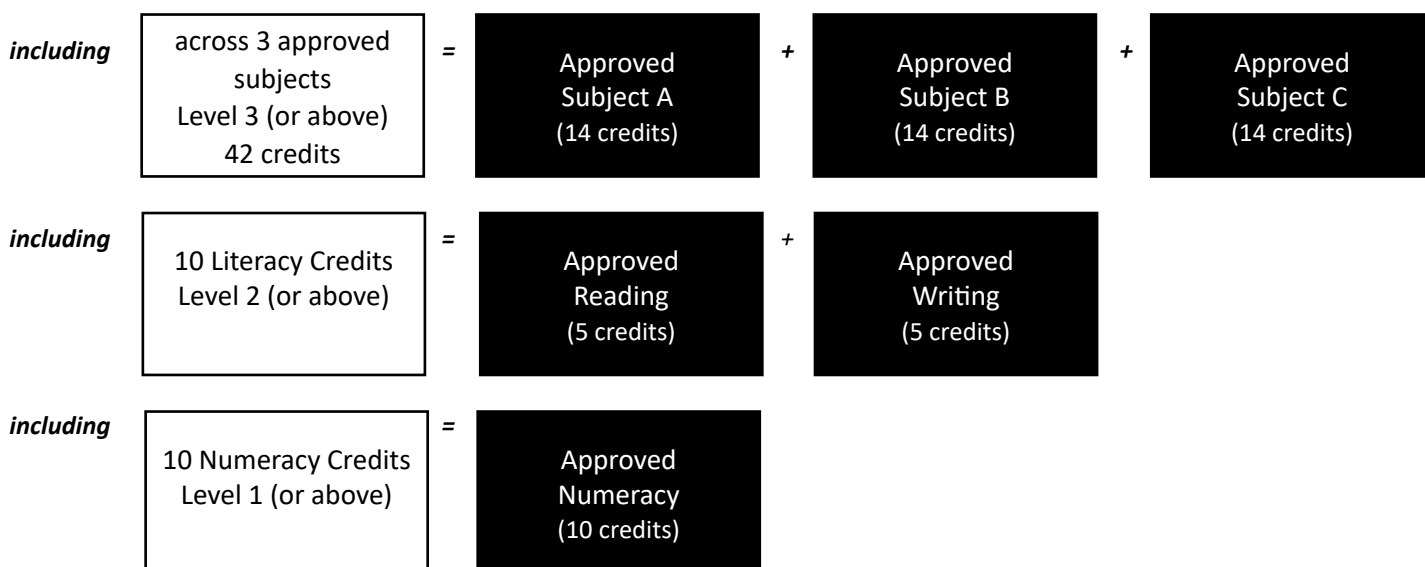
National Certificate of Educational Achievement NCEA Level Three

For a student to be awarded NCEA Level 3, they must achieve 60 credits at Level 3 or higher, plus 20 credits of approved Literacy and Numeracy Standards.

Minimum University Entrance 2026

National Certificate of Educational Achievement Level 3 (80 credits)

(Must achieve 60 credits at Level 3 and the corequisites must also be achieved.)



Each university may choose to rank students according to their Level 2 and Level 3 results depending on the numbers they have applying. Please check the university websites for their latest updates. Some universities have additional criteria for specific courses especially around Science and English credits.

NB: If a Special Assessment Conditions assistant is used as a writer, the credits obtained do not count for Literacy Writing.

University Entrance Approved Subjects that are offered at James Hargest College:

Accounting	Fashion and Design	Painting (Practical Art)
Biology	Food and Nutrition	Photography (Practical Art)
Chemistry	French	Physical Education
Classical Studies	Geography	Physics
Design (Practical Art)	History	Print Making (Practical Art)
Design & Visual Communication	Japanese	Science
Digital Technologies	Mathematics	Spanish
Drama	Mathematics with Calculus	Statistics
Economics	Media Studies	Te Reo Māori
English	Music	

UE can be approved individually in Biology, Chemistry, Physics and Science OR UE can be approved for one subject, also called Science, if 14 credits are gained overall from any combination of Biology, Chemistry, Physics and Science. Eg UE could be awarded for 14 credits gained in Chemistry AND for 14 credits gained from Biology and Physics. UE can be approved individually in Calculus, Statistics and Mathematics OR UE can be approved for one subject also called Mathematics if 14 credits are gained overall from a combination of Statistics and Calculus.

ART (VISUAL ARTS)

This subject provides students with a knowledge about making art works and understanding the purposes in which art works are made and valued. A strong career path exists for students looking to a career in Art, Digital Design or Photography.

Careers with an Art Background:

Advertising, Animation, Architecture, Art Dealing, Computer Publishing and Imaging, Craft Based Industry, Education/Teaching, Fashion Design, Film and Television, Gaming, Graphic Design, Illustration, Industrial Design, Interior Design, Museum Curation, Magazine and Newspaper, Packaging, Photography, Printing, Product Design, Surface Pattern, Theatre and Visual Arts.

Year 11

ENTRY REQUIREMENTS:	Open Entry must be negotiated with Head of Department Art if you have not done Year 9/10 Art
COST:	Art pack to be purchased from Office Max Online only Folio card x 1 A 1 \$3.00

COURSE DESCRIPTION:

Develop outcomes that reflect on Aotearoa New Zealand's unique surroundings. Combine techniques and processes to make artworks. Students will explore painting, photography, design, sculpture and printmaking.

Level 2

ENTRY REQUIREMENTS:	Open
QUALIFICATION(S):	NCEA Level 2
ASSESSMENT:	Select either one or two or three from: <ul style="list-style-type: none">• Painting - ARP• Printmaking - ARM• Photography - ARO• Illustration (Graphic Novel/Storybook) & Graphic (Logo) - ARD 2 Internal Achievement Standards (8 credits) 1 External Achievement Standard (12 credits)
COST:	Folio cost \$6 Photography board printing A1 printing \$45 approximately + SD card (\$20) Printmaking materials \$35 Photography/Design user Adobe Licence \$9 with compatible device

COURSE DESCRIPTION:

Students learn through and about the various forms and processes of the Visual Arts.

- 2.2 Use drawing methods to apply knowledge of conventions appropriate to design/painting/photography/printmaking (4 credits internal).
- 2.3 Develop ideas in a related series of drawings appropriate to established design/painting/photography/printmaking practice (4 credits internal).
- 2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within design/painting/photography/printmaking (12 credits external).
- 2.5 Produce a resolved work that demonstrates control of skills appropriate to cultural conventions (4 credits)

Level 3

ENTRY REQUIREMENTS: NCEA Achievement Standard 2.4 (either Photography OR Painting or Design) or with Head of Department approval
Printmaking - open

QUALIFICATION(S): NCEA Level 3 (UE Approved) (All Art Subjects)

ASSESSMENT: 2 Internal Achievement Standards from either:
Photography (if entering Photography Ext)
Painting (if entering Painting Ext)
Printmaking (if entering Printmaking Ext)
Design (if entering Design Ext)
4 External Achievement Standards (14 credits)

You may choose 1 or 2 Art subjects:

Painting - ARP

Printmaking - ARM

Photography - ARO

Design - Illustration (Graphic Novel/Storybook) & Graphic (Logo) - ARD

COST: \$9 folio board per subject
Design/Photography course related costs \$20, SD card \$20 as per Level 2 incl. PhotoShop \$66
Printmaking materials \$35
Photography/Design user Adobe Licence \$9 with compatible device

COURSE DESCRIPTION:

- 3.2 Use drawing to demonstrate understanding of conventions appropriate to design/painting/photography/printmaking/(4 credits internal)
- 3.3 Systematically clarify ideas using drawing informed by established design/painting/photography/printmaking (4 credits internal)
- 3.4 Produce a systematic body of work that integrates conventions and regenerates ideas within design/painting/photography/printmaking (14 credits external) (4 credits)
- 3.5 Produce a resolved work that demonstrates control of skills appropriate to cultural conventions

DRAMA

Research reveals the positive impact of Drama on a student's physical, emotional, social and cognitive development. Studying Drama will equip you with a range of skills such as self-confidence, imagination, empathy, co-operation, concentration, communication, problem solving and self-discipline. The skills of Drama are relevant to a variety of fields in school, career and life. Drama gives you the opportunity to express yourself.

Year 11

ENTRY REQUIREMENTS: Year 10 Drama, or an interest in performance and willingness to act on stage. Entry is at the discretion of the Head of Department.

COST: Students are expected to attend live theatre performances and workshops during the year.

COURSE DESCRIPTION:

Students will develop skills in both scripted and devised performance. They will develop analytical skills in relation to live performance. They will apply drama techniques in a dramatic context and devise and perform a drama. They will demonstrate knowledge of a theatre form in performance and demonstrate understanding of a play that is significant in the development of theatre.

Please note the following:

There is a written component to this course. Drama involves group work and working as a team. You must be prepared to undertake this in fairness to others.

Level 2

ENTRY REQUIREMENTS: Year 11 Drama or entry by discretion of the Head of Department.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3 Internal Achievement Standards (14 credits)
1 External Achievement Standard (4 credits)

COST: Students are expected to attend live theatre performances and workshops during the year.

UE LITERACY: Reading (8 credits)
Writing (8 credits)

COURSE DESCRIPTION:

Students will study theatre from a theoretical and practical viewpoint gaining an understanding of effective performance skills and theatre analysis. They will apply drama techniques in a dramatic context and devise and perform a drama.

Please note the following: There is a written component to this course. All internal standards require portfolio work to be completed in order for credits to be obtained. No standard is reliant on performance alone.

Level 3

ENTRY REQUIREMENTS: Students should have achieved at least 12 credits in Level 2 Drama or Level 2 English. A satisfactory attendance record from Level 2. Entry is at the discretion of the Head of Department.

QUALIFICATION(S): NCEA Level 3

ASSESSMENT: Students select their Internal Achievement Standards according to strengths and interests. It is expected that they will attempt the equivalent of a minimum of 13 credits for Internal Achievement Standards
1 External Achievement Standard (4 credits)

UE LITERACY: Reading (8 credits)
Writing (8 credits)

COST: Students are expected to attend live theatre performances and workshops during the year.

COURSE DESCRIPTION:

Students will develop a sound knowledge of theatre history, developing their ability to perform in both scripted and devised work. Students will have the opportunity to create solo pieces of theatre and understand the skills required to stage a performance.

Please note the following:

There is a written component to this course. All internal standards require portfolio work to be completed in order for credits to be obtained. No standard is reliant on performance alone.

ENGLISH

English provides opportunities for all students to develop their personal communication skills. We cater for all abilities within our programme. Our courses enable students to achieve the literacy requirements for NCEA and Tertiary study.

Year 11

Year 11 English will focus on different relationships people have:

- With themselves
- With society around them
- With technology and machines

Each of the three courses offered will touch on each of these relationships, but one will be the core focus. Students should select the course (and relationship) that connects the most with them. All three courses will be underpinned by developing the same knowledge and skills for English as a subject, with the fundamentals alongside progression into Year 12 carefully considered. All ability levels will be well supported and extended within each course. Teachers will take into account Year 10 results in planning courses to ensure the needs of students are met.

Each course will allow students to undertake a personal interest study.

Your success in Year 11 will be fundamental to your success in Year 12.

11ENP: English - Psychology of Self

"Maybe a person is just made up of a lot of people," I say. "Maybe we're accumulating these new selves all the time."

— Jandy Nelson, *I'll Give You the Sun*

For students who are interested in creating and analysing texts that explore the inner world and thoughts of people and characters: the ways people are influenced, how they think, feel, and change.

This could include:

Exploring the theme of identity and ways in which people express themselves

Unpacking motivational content

Analysing how/why people and characters do things and make decisions

E huri tō aroaro ki te rā
tukuna tō ataarangi
ki muri i a koe

Turn and face the sun
and let your shadow fall
behind you

11ENS: English - Society Explored

"There is always light, if only we're brave enough to see it. If only we are brave enough to be it."

- Amanda Gorman

For students who are interested in creating and analysing texts that explore the connections between people, animals and nature: power, relationships, and action for change

This could include:

The language and structure of persuasion

Context of texts and the relationships to the world we live in

Power dynamics and the impact an individual can have

Tangata ako ana i
te kāenga, te tūranga ki
te marae, tau ana

A person nurtured in the
community contributes
strongly to society

11ENT: English - Technology, Machines and the Future

“Science and technology multiply around us. Either we use those languages, or we remain mute.”

— J.G. Ballard

For students who are interested in creating and analysing texts that explore how technology and mechanics impact humanity on an individual and societal level, both in the present and potentially in the future

This could include:

Moral and ethical reasoning

Development of certain technologies

The impact of social media

He rangi tā matawhāiti,
he rangi tā matawhānui

A person with narrow vision
has restricted horizon;
a person with wide vision
has plentiful opportunities

Level 2 English Senior Literacy

ENTRY REQUIREMENTS: Year 11 Course or at the discretion of the Head of Department. On occasion Year 11 students are considered for this course based on their Year 10 course. Often, this course is appropriate for International Students.

QUALIFICATION(S): NCEA Level 1 or NCEA Level 2

ASSESSMENT: 4 Internal Achievement Standards
Level 1 (13 credits)
OR
2 Internal Achievement Standards
Level 2 (13 credits)

There may be opportunities to sit at least ONE External Achievement Standard (4 credits)

COURSE DESCRIPTION:

This course is designed for students who require qualifications in English in order to meet the requirements for UE literacy. There is an emphasis on writing and oracy. The course allows for flexibility for students so they can achieve at their own level.

Level 2 English A (L2ENA)

ENTRY REQUIREMENTS:

- Passed the external, especially with Merit or Excellence (M5, M6, E7, E8)
- M5 or above for 3 out of 4 English assessment tasks for Brigadier's Diploma
- Completion of all other main tasks in English (eg. Oral History, Documentary) except for illness - Pleasing Progress
- *Achieved the literacy co-requisites*

OR at the discretion of the HOD English

QUALIFICATION(S):	NCEA Level 2
ASSESSMENT:	Maximum of 21 credits from: 3 Internal Achievement Standards (13 credits) 2 External Achievement Standards (8 credits)
UE LITERACY:	Reading (12 credits) Writing (14 credits) Note: English Reading standards are worth 3 or 4 credits each

COURSE DESCRIPTION:

This course continues to build upon your work in Year 11, at Level 7 of the New Zealand Curriculum. The texts and language studied are more demanding than in Year 11. Success in this course is determined by fluent writing, perceptive reading, and more independent learning.

Level 2 English B (L2ENB)

ENTRY REQUIREMENTS:	<ul style="list-style-type: none"> • Genuine attempt of or passed the external (N2, A3, A4) • A4 or above for 3 out of 4 English assessment tasks for Brigadier's Diploma • Completion of most other main tasks in English (eg. Oral History, Documentary) except for illness - Steady Progress • <i>May not have achieved both of the literacy co-requisites</i> OR at the discretion of the HOD English
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QUALIFICATION(S):	NCEA Level 2
ASSESSMENT:	Maximum of 21 credits from: 4 Internal Achievement Standards (17 credits) 2 External Achievement Standard (8 credits)
UE LITERACY:	Reading (12 credits) Writing (14 credits) Note: English Reading Standards are worth 3 or 4 credits each

COURSE DESCRIPTION:

Students in this course gain their credits through internally assessed writing, reading and visual standards. They must independently read texts at Level 7 of the curriculum.

Level 2 English C (L2ENC)

ENTRY REQUIREMENTS:	<ul style="list-style-type: none"> • Didn't attempt or did not pass the external, absent, void, N0, N1, N2 • A3 or less for 3 out of 4 English assessment tasks for Brigadier's Diploma • Completion of all other main tasks in English (eg. Oral History, Documentary) to a limited standard • <i>May not have achieved either of the literacy co-requisites</i> OR at the discretion of the HOD English
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QUALIFICATION(S):	NCEA Level 2 (supporting to gain UE Literacy is the focus of this course)
ASSESSMENT:	14 credits from: 2 Internal Achievement Standards (10 credits) 1 External Achievement Standards (4 credits)
UE LITERACY:	Reading (8 credits) Writing (6 credits) Note: English Reading Standards are worth 3 or 4 credits each

COURSE DESCRIPTION:

This course is designed to support students for whom English is incredibly difficult and they haven't found a lot of success to date. There will be a lot of scaffolded support and the emphasis will be on gaining UE literacy to support the wider timetable of the student.

Level 3 English Written A (L3EWA)

ENTRY REQUIREMENTS: 17 credits in NCEA Level 2 English:

- Must have achieved Merit or Excellence in Achievement Standard 91101: Writing Portfolio
- Must have achieved Merit or Excellence in Achievement Standard 91105: Info Lit
- Must have achieved Merit or Excellence in at least ONE External Standard

Or at the discretion of the HOD English

QUALIFICATION(S): NCEA Level 3 (UE Approved)

ASSESSMENT: 2 compulsory Internal Achievement Standards and 1 optional (13 credits)
2 External Achievement Standards (8 credits)

UE LITERACY: Reading (12 credits)
Writing (14 credits)

COURSE DESCRIPTION:

The key focus of this course is **written** texts. This course builds upon the skills and knowledge gained during Level 2 but includes new areas of study. Students will engage in reading texts, both NZ and international, and developing their personal writing styles. This course can be catered to the student, to suit the scientific mind or the artistic one to complement future pathways. Scholarship content will also be included.

Level 3 English Visual A (L3EVA)

ENTRY REQUIREMENTS: 17 credits in NCEA Level 2 English:

- Must have achieved Merit or Excellence in Achievement Standard 91101: Writing Portfolio
- Must have achieved Merit or Excellence in Achievement Standard 91105: Info Lit
- Must have achieved Merit or Excellence in at least ONE External Standard

Or at the discretion of the HOD English

QUALIFICATION(S): NCEA Level 3 (UE Approved)

ASSESSMENT: 3 compulsory Internal Achievement Standards (10 credits)
2 compulsory External Achievement Standards (8 credits)

UE LITERACY: Reading (8 credits)
Writing (8 credits)

COURSE DESCRIPTION:

The key focus of this course is **visual** texts. This course builds upon the skills and knowledge gained during Level 2 but includes new areas of study. Students will engage in viewing texts, both NZ and international, and developing their personal writing styles. This course can be catered to the student, to suit the scientific mind or the artistic one to complement future pathways. Scholarship content will also be included.

Level 3 English B (L3ENB)

ENTRY REQUIREMENTS: 13 English credits in NCEA Level 2 English:

- Must have achieved Achievement Standard 91101: Writing Portfolio
- Must have achieved one other Internal Assessment Standard
- Must have achieved at least ONE External Standard

Or at the discretion of the HOD English

QUALIFICATION(S): NCEA Level 3 (UE Approved)

ASSESSMENT: 4 Internal Achievement Standards (16 credits)
1 External Achievement Standard (4 credits)

UE LITERACY: Writing (10 credits)

COURSE DESCRIPTION:

This course builds upon the skills and knowledge gained during Level 2 and is predominantly an internally assessed course. There is a lot of scope for student choice. Shakespeare is not studied in this course. There is an opportunity for an external assessment for those who wish.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

Strong English skills provide the foundation for coping with all areas of the curriculum. They also enable students to participate effectively in extra curricular and social activities.

Year 11

ENTRY REQUIREMENTS: At the discretion of the Teacher in Charge of ESOL. On occasion Year 12 students are considered for this course if they have not gained the Level 1 Literacy and Numeracy credits. This course is appropriate for International Students.

QUALIFICATION(S): NCEA Level 1 Literacy credits (5 Reading and 5 Writing) and Numeracy (10 credits)

COURSE DESCRIPTION:

This course is designed for students for whom English is a second language and require literacy and numeracy for Level 1. There is an emphasis on writing and reading, and understanding word Maths questions.

Levels 2 and 3

ENTRY REQUIREMENTS: At the discretion of the Teacher in Charge of ESOL

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: English Language Unit Standards Levels 2 and 3

COURSE DESCRIPTION:

The course is designed to further develop the listening, speaking, reading and writing skills of English Language Learners. Emphasis is given to the academic language used in senior subjects. Students are also supported in their preparation for tertiary study for IELTS.

FOOD & FABRICS

CHILDCARE AND DEVELOPMENT

This course will be of interest to people who wish to work with young children or anticipate further training as a nanny, childcare worker or teacher.

Level 2

ENTRY REQUIREMENTS:	Open
QUALIFICATIONS:	NCEA Level 2
ASSESSMENT:	Fully internal Level 2 Unit Standards (17 credits)
COST:	\$50 write on workbooks \$10 for materials/food for take home projects

COURSE DESCRIPTION:

This course about children focuses on the physical and psychological developmental stages of the child from conception through infancy and childhood. Areas of study include play, learning, health, nutrition, food preparation, clothing, sleep and parenting skills.

This course is theory-based using Plunket Unit Standards

CULINARY ARTS

This course will be of interest to students wishing to follow a career in the area of cookery or continue study at Tertiary level to train as a chef. Cookery competitions offer extension and the opportunity to express creative talents.

Those students looking towards a practical career working with food may consider taking Culinary Arts either in conjunction with Food and Nutrition or as an alternative. Food and Nutrition has an academic focus.

Year 11

ENTRY REQUIREMENTS:	Open
COST:	\$240 per year for food consumed/taken home \$50 Write on workbooks

COURSE DESCRIPTION:

This course focuses on the practical skills of cookery and food presentation when used in the food industry.

Topics include:

- Cookery 1: Fruits and Vegetables, Eggs and Cheese, Meat Cookery.
- Cookery 3: Hot Finger Food, Sauces and Soups, Cake, Sponges and Scones, Use and Care of Knives.

The course comprises both written and practical work.

Level 2

ENTRY REQUIREMENTS:	Open
QUALIFICATIONS:	NCEA Level 2
ASSESSMENT:	Fully internal Level 2 Unit Standards (18 credits)

COST: \$240 per year for food consumed/taken home
\$50 Write on workbooks

COURSE DESCRIPTION:

This course focuses on the practical skills of cookery and food presentation when used in the food industry. The unit standards gained are the foundation qualifications for people training to be chefs. Topics include:

- Cookery 2: Knife skills; Food Safety and Hygiene (Unit Standard 167), Grilling, Salads.
- Cookery 4: Sandwiches, Frying, Roasting, Fruit and Vegetable Cuts.

The course comprises both written and practical work, with both areas assessed.

Level 3

ENTRY REQUIREMENTS: Level 2 Culinary Arts; Unit Standards 167 and 13285, or Head of Department approval

QUALIFICATIONS: NCEA Level 3

ASSESSMENT: Fully internal
Level 3 Unit Standards (16 credits)

COST: \$240 per year for food consumed/taken home
\$50 Write on workbooks

COURSE DESCRIPTION:

This course focuses on cookery skills, creativity with food, culinary knowledge, food presentation, baking and catering. The course comprises both written and practical work, with both areas assessed.

FASHION AND DESIGN

In this subject students learn how to use the design process to develop and produce garments, outfits or textile products for specific purposes. Students will develop knowledge and skills in planning, design, fashion drawing, pattern making, fit, construction, textiles, and creativity and in developing a portfolio. Design competitions offer extension and an opportunity to express creative talents. Beyond school there are several degree and diploma courses at Universities and Polytechnics. This subject leads on to careers in Fashion and Design, marketing, business, product development and textile research.

Year 11

ENTRY REQUIREMENTS: Fashion and Design at Year 9 and 10 is recommended or approval from the Head of Department

COST: \$25 for take home materials

COURSE DESCRIPTION:

Students will model the practices of fashion designers through the consideration of sustainability and culture as they explore solutions to a design brief. This involves making an outfit and keeping a visual diary to show the development of the project.

Level 2

ENTRY REQUIREMENTS: Year 11 Fashion and Design is recommended or approval from the Head of Department

QUALIFICATIONS: NCEA Level 2

ASSESSMENT: Level 2 Technology Achievement Standards
3 Internal (16 credits)
1 External (4 credits) optional

OR

Level 2 Unit Standards
Internal (15-18 credits)

COST: \$30 for take home materials

COURSE DESCRIPTION:

After an introduction to pattern making students will undertake a major design assignment where they will design and construct an outfit or garments. Materials Evaluation is the focus of the report for external submission.

Level 3

ENTRY REQUIREMENTS:	Level 2 Fashion and Design with a minimum of 10 credits or approval from the Head of Department
QUALIFICATIONS:	NCEA Level 3 (UE Approved) New Zealand Scholarship
ASSESSMENT:	Level 3 Technology Achievement Standards 2-3 Internal (12-18 credits) 1 External (4 credits) optional
UE LITERACY:	Writing (4 credits) if taking the external Reading(4 credits) if taking the external
COST:	\$30 for take home materials

COURSE DESCRIPTION:

This course revolves around a major design assignment that requires students to:

- Draft a pattern to interpret a design for a garment
- Implement complex procedures and develop a prototype to make a specified product
- Explore techniques and different media for applied design.

They will also look at the development of materials in relation to apparel and fashion.

This course is flexible to allow students to follow an area of interest and select achievement standards to match.

FOOD AND NUTRITION

Food and Nutrition develops knowledge and skills about food choices and food preparation to enhance well-being and the health of people throughout their lives. Cookery competitions offer extension and an opportunity to express creative talents. This subject leads to careers in health, food and nutrition, food technology and catering. Various avenues for study at tertiary level are possible.

Those students looking towards a practical career working with food may consider taking Culinary Arts either in conjunction with Food and Nutrition or as an alternative. Food and Nutrition has an academic focus.

Year 11

ENTRY REQUIREMENTS:	Proficiency in reading and writing at Year 10.
COST:	\$160 per year for food consumed/taken home

COURSE DESCRIPTION:

This course consists of 4 units of learning:

Food Safety - when handling food and preparing meals

Food for Teenagers - apply knowledge of nutrition to the planning, preparation and service of food

Models of Health - how these impact on an individual's food choices and well-being

Food Packaging - how this influences food choices and well-being

Level 2

ENTRY REQUIREMENTS:	Year 11 Food and Nutrition is recommended or Head of Department approval. Good research and written communication skills are required in this course.
QUALIFICATIONS:	NCEA Level 2

ASSESSMENT: 3 Internal Achievement Standards (14 credits)
1 External Achievement Standard (4 credits)

COST: \$130 per year for food consumed/taken home

COURSE DESCRIPTION:

This course consists of 4 units of learning related to food, nutrition, health and well-being:

Food for Specific Needs: Students will examine dietary needs and nutritional issues for people with specific needs such as coeliacs.

Food Choices, Well-being and Health: Students will develop an understanding of the factors that impact on food choices and well-being.

Food Security: Students will explore access by all New Zealanders to adequate and nutritious food.

Sustainable Food Practices: Students will explore how we can care for others and the future through our food related practices.

Practical work is an integral part of this course. Students taking this academic course need to undertake independent research and have good written communication skills.

Level 3

ENTRY REQUIREMENTS: 2 Internals and 1 External from Level 2 Food & Nutrition or Head of Department Approval

QUALIFICATIONS: NCEA Level 3 (UE Approved)
New Zealand Scholarship

ASSESSMENT: 3 Internal Achievement Standards (15 credits)
1 External Achievement Standards (4 credits)

UE Literacy: Reading (10 credits)
Writing (4 credits)

COST: \$130 per year for food consumed/taken home

COURSE DESCRIPTION:

This course consists of 4 units of learning related to food, nutrition, health and well-being:

- Food advertising and well-being
- Nutritional issues affecting New Zealand society
- Ethical dilemmas about food
- Influences of multinational food corporations on eating patterns

Practical work is an integral part of this course. Students taking this academic course need to undertake independent research and have good written communication skills.

LANGUAGES

FRENCH

Senior French enables students to communicate more readily in French. There are opportunities to travel to French-speaking countries in order to improve students' language and cultural skills. Languages lead on to a wide variety of tertiary courses and jobs in commerce, tourism, education, media industry and any positions requiring advanced communication skills. A second language is becoming more beneficial when applying for jobs.

Year 11

COURSE DESCRIPTION:

Year 11 French builds on topics covered in Year 9 and 10, and extends students' knowledge and skill base across reading, writing, listening and speaking.* A variety of cultural activities are included in the course including food, French and French-speaking countries, festivals and celebrations in France. There are opportunities for extension through participation in language competitions and the Alliance Française Speech Contest.

*Topics include Me and My People, Hauora, making social arrangements, talking about past events, exploring my home and region.

ASSESSMENT: Class topic assessments, one NCEA Internal, and school examination results provide the grades for French in the Brigadier's Diploma.

COST: Grammar Book \$35 - one off purchase for Year 11, Level 2 and Level 3

Level 2

ENTRY REQUIREMENTS: Year 11 French (and/or at the discretion of the HOD)

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3 Internal Achievement Standards (14 credits)
2 External Achievement Standards (10 credits)
Level 2 and Level 3 students will be given the opportunity to do 5 Achievement Standards. They are expected to do at least 3, one of which must be external. Placings in class and top scholar will be calculated across all 5 possible standards.

COST: Grammar Book \$35 (if not previously purchased)

COURSE DESCRIPTION:

This course is combined with Level 3 with a focus on speaking, listening, reading and writing in preparation for NCEA assessment. Topics include exploring Francophone countries, plans for future study and employment, giving and receiving advice, including health issues. There is a set of vocabulary and grammar to learn and be familiar with. This will be covered throughout the year. Extension opportunities include speech competitions, Education Prefect language championships and the French exchange (if possible).

Level 3

ENTRY REQUIREMENTS: 3 NCEA Level 2 French Achievement Standards including at least one External Achievement Standard

QUALIFICATION(S): NCEA Level 3 (UE Approved)
NZ Scholarship (optional)

ASSESSMENT: 3 Internal Achievement Standards (14 credits)
2 External Achievement Standards (10 credits)

Level 2 and Level 3 students will be given the opportunity to do 5 Achievement Standards. They are expected to do at least 3, one of which must be external. Placings in class and top scholar will be calculated across all 5 possible standards.

COST: Grammar Book \$35 (if not previously purchased)

COURSE DESCRIPTION:

Almost all basic structures of French are taught by the end of Level 2, so in Level 3 we have the opportunity to read stories, articles and books meant for French adults rather than material specially prepared for those learning French as a foreign language.

The course is divided into 4 main skill areas in preparation for the NCEA assessments; reading, writing, listening and speaking. There is a set list of vocabulary and grammar. For Level 3 we study topics such as Future plans, French speaking places and Film Study. There is also the opportunity to participate in speech competition, Education Perfect Language Championships, and the French exchange (if possible).

JAPANESE

There are many job opportunities in both Japan and New Zealand, using Japanese, in the tourism and business sector. Learning Japanese also facilitates the learning of other languages. The discipline and skills used to learn Japanese have been proven to benefit further study with increased memorization, listening and concentration.

Year 11

ENTRY REQUIREMENTS: Year 10 Japanese

ASSESSMENT: Class topic assessments, one NCEA Internal, and school examination results provide the grades for Japanese in the Brigadier's Diploma.

COURSE DESCRIPTION:

Using the knowledge gained in Year 9 and 10, this course will cover more vocabulary, sentence structures and kanji in preparation for NCEA Level 2 the following year. The three main topics studied are My People, My Day and My Holidays. You will continue to improve your reading, writing, listening and speaking skills.

Level 2

ENTRY REQUIREMENTS: Year 11 Japanese (and/or at the discretion of the HOD) - you need to average a pass in Year 11 assessments.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3 Internal Achievement Standards (14 credits)
2 External Achievement Standards (10 credits)
Level 2 and Level 3 students will be given the opportunity to do 5 Achievement Standards. They are expected to do at least 3, one of which must be external. Placings in class and top scholar will be calculated across all 5 possible standards.

COURSE DESCRIPTION:

This course will cover more vocabulary, advanced sentence structures and kanji using the four language skills; reading, writing, listening and speaking. Possible topics which will be studied are Family Life, Eating & Drinking, The Japanese School System, Leisure, Turangawaewae and Hapori.

Level 3

ENTRY REQUIREMENTS: 3 NCEA Level 2 Japanese Achievement Standards including at least one External Achievement Standard

QUALIFICATION(S): NCEA Level 3 (UE Approved)
NZ Scholarship (optional).

ASSESSMENT: 3 Internal Achievement Standards (14 credits)
2 External Achievement Standards (10 credits)
Level 2 and Level 3 students will be given the opportunity to do 5 Achievement Standards. They are expected to do at least 3, one of which must be external. Placings in class and top scholar will be calculated across all 5 possible standards.

COURSE DESCRIPTION:

This course will cover more vocabulary, advanced sentence structures and kanji using the four language skills; listening, reading, writing and speaking. Possible topics which will be studied are Land & People, Travel & Tourism, Fairy Tales, Environmental Issues, Turangawaewae and Hapori.

SPANISH

Spanish is widely spoken around the world and an ability to speak this language proficiently is invaluable in tourism, education, the media industry and government departments. Students' English skills and cultural awareness are improved, both of which are an asset to any future vocation.

Year 11

ENTRY REQUIREMENTS: Year 10 Spanish or at the discretion of the HOD.

COURSE DESCRIPTION:

The aims are to understand, speak, read and write simple Spanish. A variety of topics are covered leading on from Year 10. The students will revisit and extend on the topics of Mi Familia, Tiempo libre, Rutina diaria, Mi ciudad, El cole and Mi pueblo. The topic of Holidays will be introduced and studied in depth. Students will learn how to use colloquial Spanish and read a range of Spanish texts. There is a prescribed list of vocabulary and grammar to be covered. There is also the opportunity to participate in STANZA National Speech Competition, Education Perfect Language Championships and a Spain Trip with a home stay for a month if possible.

ASSESSMENT: Class topic assessments, one NCEA Internal, and school examination results provide the grades for Spanish in the Brigadier's Diploma

Level 2

ENTRY REQUIREMENTS: Year 11 Spanish (and/or at the discretion of the HOD)

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3 Internal Achievement Standards (14 credits)
2 External Achievement Standards (10 credits)
Level 2 and Level 3 students will be given the opportunity to do 5 Achievement Standards. They are expected to do at least 3, one of which must be external. Placings in class and top scholar will be calculated across all 5 possible standards.

COURSE DESCRIPTION:

Students will continue with their study of Spanish from Year 11 and will learn a much wider range of vocabulary and more complex grammatical structures. We study topics such as Teenagers' Issues, Future Plans and Travel. There is also the opportunity to participate in STANZA National Speech Competition, Education Perfect Language Championships and a Spain Trip with a home stay for a month if possible.

Level 3

ENTRY REQUIREMENTS:	3 NCEA Level 2 Spanish Achievement Standards including at least one External Achievement Standard.
QUALIFICATION(S):	NCEA Level 3 (UE Approved) NZ Scholarship (Optional)
ASSESSMENT:	3 Internal Achievement Standards (14 credits) 2 External Achievement Standards (10 credits) Level 2 and Level 3 students will be given the opportunity to do 5 Achievement Standards. They are expected to do at least 3, one of which must be external. Placings in class and top scholar will be calculated across all 5 possible standards.

COURSE DESCRIPTION:

Students will continue with their study of Spanish from Level 2, learning a wider variety of vocabulary and grammar. The course is divided into four main skill areas in preparation for the NCEA assessments; reading, writing, listening and speaking. At Level 3 we study topics such as The Environment, Different Destinations in the Hispanic World, Film and Trends. There is also the opportunity to participate in STANZA National Speech Competition, Education Perfect Language Championships and a Spain Trip with a home stay for a month if possible.

TE REO MĀORI

Knowledge of Te Reo Māori me ōna tikanga (Māori Language - Traditions and Protocol) will enable students to:

- Gain knowledge of New Zealand's founding culture and to play a part in the retention of this unique language and culture.
- Understand and respect cultural differences in Aotearoa.
- Enable students to feel comfortable with Tikanga Māori as they participate in a variety of Māori situations, eg Marae visit, Pōwhiri, Kapa Haka.
- Improve career prospects in education, health, social services, indigenous private sector, tourism, law, politics, ministerial work.

Year 11

ENTRY REQUIREMENTS:	Year 10 Te Reo Māori or at the discretion of the HOD.
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COURSE DESCRIPTION:

The Year 11 Te Reo Māori course aims to develop speaking, writing, reading and listening skills that align with the Year 11 language grammar progressions. Topics covered in this course include pepeha, mihi, history of Te Reo, Matariki, whānau and kura. There is also an opportunity for students to participate in our regional Manu Kōrero Speech competitions. Kia kaha, kia maia, kia manawanui tātou ki te ako i te reo Māori.

ASSESSMENT:	Class topic assessments, one NCEA Internal, and school examination results provide the grades for Te Reo Māori in the Brigadier's Diploma
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Level 2

ENTRY REQUIREMENTS:	Year 11 Te Reo Māori (and/or at the discretion of the HOD).
QUALIFICATION(S):	NCEA Level 2
ASSESSMENT:	2 Internal Achievement Standards (12 credits) 2 External Achievement Standards (12 credits) (Portfolio and Exam) Te Reo Māori Level 2 Unit Standards (optional) (20 credits)

COURSE DESCRIPTION:

We aim for students being able to demonstrate their

- competence in the use of oral Te Reo Māori (speaking and listening)
- competence in writing Te Reo Māori
- ability to comprehend written Te Reo Māori
- ability to research and present information in Te Reo Māori
- good understanding of tikanga Māori
- an awareness of Te Ao Māori and Tikanga Māori

Level 3

ENTRY REQUIREMENTS: Year 12 Te Reo Māori.

QUALIFICATION(S): NCEA Level 3 (UE Approved)
NZ Scholarship (optional)

ASSESSMENT: 2 Internal Achievement Standards (12 credits)
2 External Achievement Standards (12 credits)
Te Reo Māori Level 3 Unit Standards (optional) (20 credits)

COURSE DESCRIPTION:

We aim for students being able to demonstrate their ability to

- speak Te Reo Māori confidently and appropriately
- comprehend written Te Reo Māori
- research, analyse, speak and write their thoughts on Te Ao Māori and Tikanga Māori - Wairua Māori permeates all levels of Tikanga (Living World and Culture of Māori, Past, Present and Future)
- write Te Reo Māori accurately and appropriately

MATHEMATICS & STATISTICS

Mathematics has a broad range of practical applications in everyday life, in other learning areas and in work places. By learning Mathematics, students develop important thinking and problem solving skills. They learn to create models and predict outcomes, to conjecture, to justify and verify, to estimate and to calculate with precision. Mathematics equips students with the means to investigate, explain and make sense of the world in which they live.

Year 11

There are a variety of courses available in Year 11.

Year 11 MXT

This course is designed for those who intend continuing on with Mathematics at Level 2 and Calculus and Statistics at Level 2 and 3.

ENTRY REQUIREMENTS: A good number of Merit/Excellence grades in topic tests and the end of the year exam.

COST: Write on workbook approximately \$20

COURSE DESCRIPTION:

Many of the topics that have been met in Year 10 are continued. Algebra, geometry and trigonometry are developed further, along with Graphs. There is an emphasis on applications, information processing and in particular, mathematical reasoning. Regular homework is set. It is essential to have a graphics calculator. This course is a must for those interested in degree level Engineering.

Year 11 MXG

This course is also designed for those who intend continuing on with Mathematics at Level 2 or Statistics at Level 3.

ENTRY REQUIREMENTS: A good number of Achieved/Merit grades in topic tests and the end of the year exam.

COST: Write on workbook approximately \$20

COURSE DESCRIPTION:

Many of the topics that have been met in Year 10 are continued. There is an emphasis on solving problems involving number, trigonometry, geometry and graphs. Regular homework is set. It is essential to have a graphics calculator.

Year 11 MXB

This course is intended for students with the Numeracy Corequisite (US32406) who wish to apply their Mathematics and are considering Level 2 Mathematics.

ENTRY REQUIREMENTS: Numeracy Corequisite recommendation in consultation with Head of Department based on performance in Year 10 Mathematics

COST: Write on workbook approximately \$20

COURSE DESCRIPTION:

Many of the topics met in Year 10 are continued. This course involves probability, number, basic algebra, measurement and statistics. There will be an emphasis on Statistics. It is essential to have a scientific calculator.

Year 11 MXN

This course is designed for those students who require extended support gaining the Numeracy corequisite (US32406) for NCEA.

ENTRY REQUIREMENTS: Consultation with the Head of Department based on performance in Year 10 Mathematics

COST: Write on workbooks approximately \$29

COURSE DESCRIPTION:

This course deals with the familiar strands of Mathematics: Number, Geometry, Measurement, Statistics and Probability. The level of Mathematics focuses on applying numeracy. It is essential to have a scientific calculator.

Level 2

There are a variety of courses available in Year 12

Level 2 MXA

ENTRY REQUIREMENTS: 91947 Essential - Merit or Excellence - Mathematical reasoning
Essential - Merit or Excellence - Algebraic methods
Other formative: at least Achieved in most exams with one Merit or Excellence
Formative and Achievement Standard "passes" may be obtained in the formative assessment or the September exams or in the NZQA exams in November.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3 External Achievement Standards [Calculus, Algebra, Probability] (13 credits)
2 Internal Achievement Standards (7 credits)

COST: Write on workbooks approximately \$30

COURSE DESCRIPTION:

The content builds on that of Year 11 and is a natural progression from 11MXT. Algebra, graphs, trigonometry and probability are all extended. Calculus, a powerful mathematical tool, is introduced. Homework is set regularly. It is essential to have a graphics calculator. Success in this course will enable students to study Level 3 Calculus or Level 3 Statistics.[Essential for Engineering Degrees.]

Level 2 MXG

ENTRY REQUIREMENTS: 91945 Essential - Achieved: preferred Merit or Excellence - Mathematical methods
Essential - Merit or Excellence - Algebraic methods
Other formative: mostly Achieved or higher

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 2 External Achievement Standards [Calculus, Probability] (9 credits)
4 Internal Achievement Standards 9 credits)

COST: Write on workbooks approximately \$30

COURSE DESCRIPTION:

This is a balanced Mathematics and Statistics course providing pathways to Engineering and medically aligned courses at polytechnic and university. Students taking this course are required to have a graphics calculator. Success in this course only leads to Level 3 Statistics.

Level 2 MXB

ENTRY REQUIREMENTS: 91944 Essential - Achieved - Explore a statistical enquiry cycle
Essential - Achieved - algebraic methods
91945 Essential - Achieved - Mathematical Problems
Other formative: mostly Achieved

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 1 External Achievement Standard [Probability] (4 credits)
6 Internal Achievement Standards (13 credits)

COST: Write on workbooks approximately \$20

COURSE DESCRIPTION:

The content builds on that of Year 11. Some of the topics may include Co-ordinate Geometry, Trigonometry, Probability Sequence and Series and Networks.

Students taking this course are required to have a graphics calculator. Homework and assignments are set regularly. Success at this level leads to Level 3 Statistics B course. It is also a requirement for many SIT polytechnic courses.

Level 3

CALCULUS

This is a subject for students who have a major interest in Mathematics. It is also a support subject for those wishing to study Physics, Chemistry, Engineering and Health Sciences at university.

It is possible to do both Calculus as well as Statistics. Students who do both subjects must have a genuine interest in Mathematics.

Level 3 MAC

ENTRY REQUIREMENTS: The Achievement Standards credited must include a Merit/Excellence in:
91261 Algebra

and at least two of:

91262 Calculus

91269 Graphs

91259 Trigonometry

At least two Merit or Excellence grades in any of the remaining standards is desirable.

These Achievement Standard “passes” may be obtained in the formative assessment or the September exams or in the NZQA exams in November.

QUALIFICATION(S): NCEA Level 3 (UE Approved - Calculus)

ASSESSMENT: 2 Internal Achievement Standards [Systems, Trigonometry] (7 credits)
3 External Achievement Standards (17 credits)

COST: Write on workbooks approximately \$30

COURSE DESCRIPTION

About half the course deals with Calculus. Differentiation and Integration are developed and extended and the skills learned are applied to problem solving. It is essential to have a graphics calculator. The other half of the course is made up of algebra, complex numbers, trigonometry and the geometry of conic sections.

STATISTICS

This is a subject for students who need Mathematics to support their studies in biological, health and social sciences, medicine, commerce or any field where the collection and interpretation of data is important. It is possible to do both Statistics A and Calculus.

Level 3 (STA)

ENTRY REQUIREMENTS:	<p>A minimum of 14 credits in Level 2 Mathematics Achievement Standards. The Achievement Standards credited should include at least Merit in:</p> <ul style="list-style-type: none">91261 Algebra91267 Probability91262 Calculus <p>These Achievement Standard “passes” may be obtained in the formative assessment or the September exams or in the NZQA exams in November.</p>
QUALIFICATION(S):	NCEA Level 3 (UE Approved - Statistics)
ASSESSMENT:	<p>3 Internal Achievement Standards [Probability Concepts, Probability Distributions] (10 credits) 2 External Achievement Standards (8 credits)</p>
COST:	Write on workbooks approximately \$30
COURSE DESCRIPTION:	<p>Four of the five Achievement Standards are made up of probability and statistics topics. The remainder is based on Mathematics. It is essential to have a graphics calculator.</p>

Level 3 (STB)

The course content is similar to that in Statistics A. It is essential that students in this course have an interest in studying Mathematics.

ENTRY REQUIREMENTS:	<p>Approximately 11 credits in Level 2 Achievement Standards or the approval of the Head of Department.</p> <p>The Achievement Standards credited must include:</p> <ul style="list-style-type: none">91267 Probability91269 Systems of Equations <p>The Achievement Standard “passes” may be obtained in the formative assessment or the September exams or in the NZQA exams in November.</p>
QUALIFICATION(S):	NCEA Level 3 (UE Approved - Mathematics)
ASSESSMENT:	<p>4 Internal Achievement Standards (14 credits) 1 External Achievement Standard [Probability Distributions] (4 credits)</p>
COST:	Write on workbooks approximately \$15
COURSE DESCRIPTION:	<p>This course is a combination of Statistics and Mathematics. It is essential to have a graphics calculator.</p>

MUSIC

Music is a strong means of communication that allows people to express themselves in many ways, both as an individual and as part of a group. Music develops self-confidence and enables people to share ideas and skills in a variety of contexts. Students with musical ability are keenly sought after in teaching, performance work, research, event and festival management, and production areas. A student who studies the disciplines of Music proves to be well-rounded and shows aptitude across curriculums.

Year 11

ENTRY REQUIREMENTS: Students must have successfully completed the Year 10 solo performance assessment. If new to the subject at Year 11, students must have already completed a minimum of two years of tuition in an instrument (or singing) and have some basic theory knowledge. Approval from the Head of Department is required to ensure their suitability.

COURSE DESCRIPTION:

Year 11 music is focused on building a sound knowledge of music theory to ensure students have the foundations to continue into NCEA level 2, along with practical and composition skills. This course complements the extra-curricular activities offered at school. The course content covers:

- Performance
- Analysis of set works
- Music theory
- Music technology software
- Composition
- Songwriting

As part of this course, students must be taking regular lessons in their chosen performance instrument or singing (either privately, or through the Itinerant Music Scheme at school) as performance is a large component of the course.

COST: \$80.00 for the hire of an instrument (if required) for Itinerant Music lessons (subject to availability).

Level 2

ENTRY REQUIREMENTS: Year 12 music allows students to specialise in Performance or Songwriting/Composition or both and what they choose will determine the other standards they complete. If new to the subject at year 12, students must have some musical theory knowledge and be able to play at least one instrument. Approval from the Head of Department is required to ensure suitability.

QUALIFICATIONS: NCEA Level 2 Achievement

ASSESSMENT: Internal Achievement Standards (up to 23 credits)
1 Unit Standard (3 credits) offered.
1 External Achievement Standards (4 credits) offered.
Exact credits will depend on the pathway selected

COURSE DESCRIPTION:

Course content options include:

- Performance (solo, group, second instrument).
- Songwriting/Composition
- NZ Music Research.
- Music technology software.
- Score reading (theory).

As part of this course, students must be taking regular lessons in their chosen performance instrument/s or singing (either privately, or through the Itinerant Music Scheme) as performance is a large component of the course.

COST: \$80.00 for the hire of an instrument (if required) for Itinerant Music lessons (subject to availability).

Level 3

ENTRY REQUIREMENTS: Year 13 music allows students to specialise in Performance or Songwriting/Composition or both and what they choose will determine the other standards they complete. If new to the subject at year 13, students must have some musical theory knowledge and be able to play at least one instrument. Approval from the Head of Department is required to ensure their suitability.

QUALIFICATIONS: NCEA Level 3 (UE Approved)

ASSESSMENT: Internal Achievement Standards offered (up to 25 credits)
1 External Achievement Standard (4 credits)
Exact credits will depend on the pathway selected

COURSE DESCRIPTION:

Year 13 Music provides an excellent foundation for further study at a tertiary level and complements the extra curricular activities offered. Course content options include:

- Performance (solo, group, second instrument).
- Songwriting/Composition
- Music Research (musicology).
- Musicology (analysis of a set work in context)

As a part of this course students must be taking regular lessons in their chosen performance instrument or singing (either privately or through the Itinerant Music Scheme at school) if intending to include performance standards in their programme of study.

COST: \$80.00 for the hire of an instrument (if required) for Itinerant Music lessons (subject to availability).

HEALTH & PHYSICAL EDUCATION

This course provides practical skills and knowledge necessary for everyday living. No matter what you choose to do in the future, these skills are essential for life.

Year 11

ENTRY REQUIREMENTS: None

COST: Approximately \$35 for write on workbooks and contribution towards use of outside facilities or facilitators.

COURSE DESCRIPTION:

This is a 4 hours per week course covering practical and theoretical aspects of Health and Physical Education.

1. Physical Education focuses on practical development of skills, factors affecting skill development, participation and exercise science.
2. Health Education focuses on strategies for promoting positive health, within the contexts of drug education, sexuality and well being.

HEALTH EDUCATION

This course provides further opportunities to extend knowledge and understanding in Health Education, and builds naturally on many aspects of Year 11 Health and Physical Education. It is suitable for those looking for a people oriented career pathway. Increasingly there are many job opportunities in the health sector such as guidance, social work, occupational therapy and nursing.

Level 2

ENTRY REQUIREMENTS: It is strongly recommended that you have done Year 11 Health and Physical Education or at the discretion of the Head of Department - Health and Physical Education

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3 Internal Achievement Standards (15 credits)
1 External Achievement Standard (4 credits)
1 External Achievement Standard (optional) (5 credits)

COST: Approximately \$25 for write on workbook

COURSE DESCRIPTION:

This course will involve a more detailed investigation into aspects of Health Education and its impact on both the individual and society.

While the focus of Year 11 was primarily the individual, Level 2 has strong community/society emphasis.

The course has a strong focus on adolescent health issues such as body image; drug use/abuse; safety in relationships including abuse/harassment/discrimination; mental health including stress and change, loss and grief; sexuality and social justice. This knowledge is extended into taking action to enhance wellbeing (a concept considered in Year 11).

PHYSICAL EDUCATION

Physical Education is the study of human movement and the role and significance of physical activity in society. It takes knowledge of the human body and applies it to a number of sporting contexts, as well as personal development. This course leads to many opportunities in sport, recreation, leisure and the health industry. A large number of our students use this subject as a springboard to medicine, physiotherapy, occupational therapy, sport science and teaching. This course is theory orientated with practical work supporting theory work.

Level 2

ENTRY REQUIREMENTS: Year 11 Health and Physical Education and a passing grade in Sport Science is considered essential.
At the discretion of the Head of Department Physical Education with good supporting grades in Year 11 English and Science.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 100% internally assessed course towards NCEA Level 2
(21 credits in total)

COST: May involve costs of approximately \$130. This includes out of school venue hire, transport, professional coaching and write on student workbook.

COURSE DESCRIPTION:

This course will involve a more detailed investigation into aspects of physical education, sport, the individual and society. The course consists of modules in:

- Sports Science and Skill Development (Anatomy, Biomechanics and Skill Learning Theory)
- Olympic History
- Leadership and Teaching in Primary Schools
- Participate in two practical opportunities assessed against National practical standards.

Level 3

ENTRY REQUIREMENTS:	14 credits or more from NCEA Level 2 Physical Education or at the discretion of the Head of Department Physical Education with good supporting grades in NCEA Level 2 English and Science(s).
QUALIFICATION(S):	NCEA Level 3 (UE Approved) New Zealand Scholarship
ASSESSMENT:	100% Internally assessed course towards NCEA Level 3 This course offers 19 Achievement Standard credits Scholarship for those students who choose to enter
UE LITERACY:	Reading (4 credits)
COST:	May involve costs of up to \$100. This includes out of school venue hire, transport and student workbook

COURSE DESCRIPTION:

This course will involve extending concepts and principles learned at NCEA Level 2. Further, it provides an opportunity to apply this knowledge to performance improvement in self or others.

Students at NCEA Level 3 will be expected to:

- Plan, implement and review a personalised training programme based on a selected, assessed, practical activity.
- Investigate the role of physical activity as a young person and how this may impact on future involvement in physical activity.
- Appraise skill performance using principles of biomechanics and functional anatomy.
- Examine a current physical activity, trend or issue impacting on New Zealand society.
- Participate in two practical opportunities assessed against National practical standards.

SCIENCE

BIOLOGY

Biology is for you if you are interested in living things (including humans) and wish to learn more about how they function and interact or if you wish to follow a career in Nursing, Forestry, Agriculture, Veterinary Science, Fisheries, Medicine, Conservation, Biochemistry, Dentistry, Psychology, Health Sciences or many others.

Level 2

ENTRY REQUIREMENTS:	It is recommended that students have passing grades (A, M, E) in a minimum of 3 of their topic assessments in Year 11 Science. This should include the Living World: Genetics evidence exam.
QUALIFICATION(S):	Level 2 NCEA
ASSESSMENT:	3 Internal Achievement Standards (11 credits) 2 External Achievement Standards (8 credits)
COST:	Students will be required to pay for write on course materials - \$33

COURSE DESCRIPTION:

The course offers an introduction to Biology by covering a range of topics including community ecology, practical investigations, adaptation of plants or animals to their way of life, gene expression and genetic variation and change.

A range of activities including, practical investigations, field surveys, research and reporting.

Level 3

ENTRY REQUIREMENTS: Level 3 - Recommended 12 Credits Level 2 Biology OR at the discretion of Teacher in Charge. Students should have passed either AS91157 or AS91159.

QUALIFICATION(S): Level 3 NCEA (UE Approved)

ASSESSMENT: 2 External Achievement Standards (9 credits)
3 Internal Achievement Standards (10 credits)

UE LITERACY: Reading (22 credits)
Writing (16 credits)

COST: Students will be required to pay for write on course materials - \$30

COURSE DESCRIPTION:

A variety of topics are covered including, responses of plants and animals, how an animal maintains a stable environment, human evolution, a biological investigation, and researching the biological implications of the manipulations of genetic transfer.

The course builds on skills and knowledge gained during Level 2 but also includes many new areas. Biology scholarship content will also be covered in additional tutorials.

CHEMISTRY

Throughout the history of the human race, people have struggled to make sense of the world around them. Through Chemistry we have gained an understanding of the matter which makes up our world and of the interactions between particles on which our world depends.

Modern society looks to chemists to produce, amongst many things, medicines to heal, pesticides and fertilisers to ensure better crops and chemicals for the many synthetic materials produced in the 21st century. It also looks for an academic understanding of how matter works and how the environment might be protected from the damage humans have caused. Fortunately Chemistry holds many of the answers.

Level 2

ENTRY REQUIREMENTS: It is recommended that students have passing grades (A, M, E) in a minimum of 3 of their topic assessments in Year 11 Science. This should include a Material World assessment or at the discretion of the Teacher in Charge.

QUALIFICATION(S): Level 2 NCEA

ASSESSMENT: 3 Internal Achievement Standards (9 credits)
2 External Achievement Standards (9 credits)

COST: Students will be required to pay for write on course materials - \$33

COURSE DESCRIPTION:

The curriculum focus of this course includes Atomic Structure and Bonding; Energy in Reactions; Rates of Reaction; Equilibrium; Acids and Bases; Organic Chemistry; Oxidation and Reduction, and the Analysis of Substances to sure Concentration Levels of Different Chemicals.

This course is intended to prepare students for Level 3 Chemistry and potentially study at university. It is designed to develop understandings of chemical concepts, knowledge and skills, and also to develop technical competency in handling glassware and some hazardous chemicals.

Level 3

ENTRY REQUIREMENTS: Recommended 12 credits or more from Level 2 Chemistry OR at the discretion of Teacher in Charge. Students should have passed AS91164 or at the discretion of the Teacher in Charge.

QUALIFICATION(S): Level 3 NCEA (UE Approved)

ASSESSMENT: 3 Internal Achievement Standards (9 credits)
2 External Achievement Standards (10 credits)

UE LITERACY: Reading (3 credits)
Writing (3 credits)

COST: Students will be required to pay for write on course materials - \$33

COURSE DESCRIPTION:

The curriculum focus of this course includes atomic structure and bonding; energy in reactions; oxidation and reduction; equilibria and acids and bases; organic compounds, and the quantitative analysis of substances to measure concentration levels of different chemicals.

This course is intended to further develop the understandings of chemical concepts, knowledge and skills from Level 2 Chemistry. It has the additional aim of preparing students for tertiary study in this subject.

PHYSICS

In Physics you will learn about the world of matter and energy from a scientific point of view. If you are thinking about a career in aviation, engineering, electronics, health sciences, telecommunications, surveying, architecture, pharmacy, and so on, then Physics could be an important subject for you.

Level 2

ENTRY REQUIREMENTS: It is recommended that students have passing grades (A, M, E) in a minimum of 3 of their topic assessments in Year 11 Science. This should include a Physical World assessment or at the discretion of the Teacher in Charge. A passing standing in the Mathematics T or G course at Year 11 is also recommended.

QUALIFICATION(S): Level 2 NCEA

ASSESSMENT: Up to 3 Internal Achievement Standards (Maximum 10 credits)
Up to 3 External Achievement Standards (Maximum 16 credits)
(Depending on student choice)

COST: Write on workbooks approximate cost \$33

COURSE DESCRIPTION:

- Carry out a practical physics investigation that leads to a non-linear mathematical relationship
- Demonstrate understanding of waves
Includes the study of lenses, mirrors and the behaviour of waves
- Demonstrate understanding of mechanics
Includes the study of straight line, projectile and circular motion, forces, energy and momentum
- Demonstrate understanding of atomic and nuclear physics
Includes the study of the atomic structure and radioactive decay
- Demonstrate understanding of electricity and electromagnetism
Includes the study of DC and static electricity, magnetism and the force on electrical charges in a magnetic field

Level 3

ENTRY REQUIREMENTS: Recommended 9 credits or more from Level 2 Physics OR at the discretion of Teacher in Charge. Students should have passed either AS91171, AS91173 or AS91170.

QUALIFICATION(S): Level 3 NCEA (UE Approved)

ASSESSMENT: Up to 3 Internal Achievement Standards (Maximum 9 credits)
Up to 3 External Achievement Standards (Maximum 16 credits)
(Depending on student choice)

UE LITERACY: No UE literacy credits available in this course

COST: Write on workbooks approximate cost \$33

COURSE DESCRIPTION:

- Demonstrate understanding of wave systems
Builds on the work done at Level 2 with many applications to sound, music and light.
- Demonstrate understanding of mechanical systems
Parallels much of the straight line motion done at Level 2 with rotational motion
- Demonstrate understanding of Nuclear and Quantum Physics
Covers much of the classic theories of Modern Physics
- Demonstrate understanding of electrical systems
Provides a deeper look at electrical components and their function

SCIENCE

Science is an essential part of modern life. This course will help students to understand the world better. It is the basis of a huge range of career options. The Year 11 course allows entry into Year 12 Biology, Chemistry, Physics and Science.

There are three courses available in Year 11 Science. Each course is assessed differently.

Year 11

There are three courses offered in Year 11 Science. Talk to your teacher for advice on which one is most suited for you.

ENTRY REQUIREMENTS: No requirements

COURSE DESCRIPTION: Year 11 Science includes a range of topics based in the Material World (Chemistry); Physical World (Physics); Living World (Biology) and Earth and Space Science.

11 Science Callaghan Course:

This course is designed for students who would find a full course of Science challenging due to the demands of literacy and numeracy.

ENTRY REQUIREMENTS: Recommendation by Head of Department based on performance in Year 10 Science.

11 Science MacDiarmid Course:

This course is designed for students who may intend to go on to further study in Level 2 Science, Biology, Chemistry or Physics.

11 Science Wiffen Course:

This course is designed for students who intend to study Level 2 Biology, Chemistry or Physics and may wish to study at University.

COST: Write on workbooks approximate cost \$12

Level 2

The Level 2 course is constructed for students interested in going into courses that lead into the trades or other courses run by institutes of technology. It will help keep options open for vocational career planning and will help students continue to develop their scientific literacy. Level 2 Science leads into the Level 3 Science course.

ENTRY REQUIREMENTS: It is recommended that students have passing grades in a minimum of 3 of their topic assessments in Year 11 Science.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 5 Internal Achievement Standards (19 credits)

COURSE DESCRIPTION:

The curriculum focus of this course includes a mixture of Biology, Chemistry, Physics and Earth and Space Science. The course is intended to prepare students to follow a career pathway through institutes of technology rather than university. Students will be eligible to take Level 3 Science if they gain a minimum of 12 credits from Level 2 Science.

Level 3

The Level 3 course is constructed for students interested in going into courses that lead into the trades or other courses run by Institutes of Technology. It will allow them to keep their options open for vocational career planning and will help them continue to develop their scientific literacy. Much of this course will be focussed on socio-scientific issues that are faced in everyday life.

ENTRY REQUIREMENTS: Recommended 9 Credits from Level 2 Science or the other Level 2 Science courses (Chemistry, Biology or Physics) OR at discretion of the Head of Department

QUALIFICATION(S): Level 3 NCEA (UE Approved)

UE LITERACY: Reading (8 credits)
Writing (8 credits)

ASSESSMENT: 5 Internal Achievement Standards (18 credits)

COURSE DESCRIPTION:

The curriculum focus of this course includes a mixture of Biology, Chemistry, Physics and Earth and Space Science.

SOCIAL SCIENCES

ACCOUNTING

The study of this subject would be beneficial to those students wishing to specialise in Accountancy or to pursue a career in any area relating to commerce and/or the business world. The subject gives the student a practical knowledge of both the general principles of business finance as well as personal accounting.

Year 11

ENTRY REQUIREMENTS: Reasonable level of literacy and numeracy skills

COST: Students may be required to purchase a write on workbook at a cost of \$10

COURSE DESCRIPTION:

In this course students develop an understanding of producing Income Statements, Statements of Financial Position, along with Cashflow and Budgets for a range of people. They will learn how to analyse these statements and write a report for those stakeholders who need to understand them. Students will also develop their decision making skills, and learn about concepts such as Kaitiakitanga and Pūtake.

Level 2

ENTRY REQUIREMENTS: It is preferable to have a device that can run Microsoft.
L1 Numeracy and Literacy corequisites and Successful in Y11 Accounting (pass in school exam)
OR minimum Brigadier's Diploma - Advanced - Te Kōhure Tōtara
OR entry with discretion from Teacher in Charge, Accounting

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3 Internal Achievement Standards (11 credits)
2 External Achievement Standards (9 credits)

COST: Students can purchase an optional workbook at a cost of \$20

COURSE DESCRIPTION:

This course looks at the processing of accounting information of a Sole Trader Business. It looks at the day-to-day recording of information through to final records such as Income Statements and Statements of Financial Position.

The course also looks at Accounting Systems that are operated for the efficient use and control of Accounts Receivable. Also the students will gain practical experience in the use of an accounting software package to process accounting information.

Level 3

ENTRY REQUIREMENTS: Minimum of 12 credits from Level 2 Accounting (including AS 2.3)
OR entry with discretion from Teacher in charge, Accounting

QUALIFICATION(S): NCEA Level 3 (UE Approved)
ASSESSMENT: 3 Internal Achievement Standards (13 credits)
2 External Achievement Standards (9 credits)

UE LITERACY: Reading (5 credits)
OR
Writing (5 credits)

COST: Students will be required to purchase write on workbooks at a cost of approx \$35

COURSE DESCRIPTION:

The course concentrates on the accounting processes for the preparation of Partnership and Company reports. This includes such topics as Cash Flow Planning and Budgeting and Job Costing.

BUSINESS STUDIES

Students will gain a great deal of practical experience and theoretical knowledge of all aspects of business including business planning, management, production, marketing and finance. A desire to participate fully (including activities outside of school hours) and work with other students is necessary if students are to achieve success.

Level 2

ENTRY REQUIREMENTS: Open entry, though a reasonable level of numeracy and literacy would be beneficial.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT:
1 Internal Achievement Standards (9 credits)
2 External Achievement Standards (4 credits each)

COST: Maximum of \$25 purchase of shares in a business enterprise

COURSE DESCRIPTION:

This course gives students an understanding of what a business does and the implications for stakeholders of decision-making in business.

This is achieved by the setting up, running and liquidation of a business through the Young Enterprise Scheme along with learning and applying business theory to a case study business of the student's choice. There is an expectation that students will run their YES business outside school hours.

CLASSICAL STUDIES

Classical Studies is the study of the civilisations of Greece and Rome; two societies that are the 'cradles of Western Civilisation' and thus have a direct influence on modern New Zealand society.

Students will explore how social, political, artistic, and technological aspects of the classical world influenced the lives of ancient Greeks and Romans. They will also explore the links and lasting influences between the ideas and values of ancient Greeks and Romans and other cultures, analysing why they have enduring influence.

Level 2

ENTRY REQUIREMENTS: It is strongly recommended that students have achieved consistently in Year 11 English, Year 11 History or Year 11 Media Studies.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT:
2 Internal Achievement Standards (10 credits)
2 External Achievement Standards (8 credits)

UE LITERACY:
Reading (18 credits)
Writing (8 credits)

COURSE DESCRIPTION:

Topics from the following may be studied:

'Medea' by Euripides

Students will study this short play about a woman who takes revenge on those around her, after her husband leaves her for another woman. It was written over 2,000 years ago, but many of the ideas are still relevant today.

Classical vs Modern

In this internal assessment, students will examine the relationship between modern films, books, games, and stories and myths from classical times.

A Significant Event

In this assessment, students will choose and analyse a significant event of their own choice from classical times, such as the eruption of Mt Vesuvius or the Battle at Thermopylae.

Level 3

ENTRY REQUIREMENTS: 12 credits from Level 2 NCEA Classical Studies.
If new to the subject at Level 3, you need 12 credits from Level 2 NCEA History or Media Studies or at the discretion of the Head of Department

QUALIFICATION(S): NCEA Level 3 (UE Approved)

ASSESSMENT: 2 Internal Achievement Standards (12 credits)
3 External Achievement Standards (14 credits)

UE LITERACY: Reading (26 credits)
Writing (14 credits)

COURSE DESCRIPTION:

Topics from the following may be studied:

Alexander the Great

Alexander was one of the most effective leaders of all time. Students will analyse his leadership and effects on later societies as he conquered vast areas of land.

Roman Art and Architecture

Some of the world's most memorable architecture was built in the Roman Empire. The features and propaganda behind these buildings will be analysed. The art of the Italian Renaissance will also be covered.

Classical Literature

Students may be given an ancient Greek or Roman piece of literature to examine, identifying the ideas and values of the classical world. This standard is optional.

ECONOMICS

Economics is about weighing up costs versus benefits in order to make better decisions. The study of Economics complements an interest in business, politics, international affairs, inequality or environmental issues. It is a wide ranging subject and as a result is relevant to a wide range of fields. The skills of Economics are transferable to other fields so studying Economics will enhance your general study and employment prospects.

Year 11

COURSE DESCRIPTION

The course will cover material that is both valued by our local community and inspires and prepares students for future study in Economics.

Topics will include:

1. Scarcity and consumer choice
2. Economic decision making
3. Personal financial management
4. Consumer demand
5. Business case study
6. Producer supply
7. Market equilibrium
8. Economic impact of events

Students will be assessed against common school assessments to prepare them to undertake the study of Economics at NCEA Level 2 the following year.

COST: Students will be asked to purchase write-on workbooks at a cost of around \$30

Level 2

ENTRY REQUIREMENTS: Entry to Level 2 Economics is open but at the discretion of the teacher in charge. Students with skills in Mathematics and English are more likely to succeed.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 2 Internal Achievement Standards (10 credits)
3 External Achievement Standards (12 credits)

UE LITERACY: Reading (10 credits)

COST: Students will be asked to purchase write-on workbooks at a cost of around \$35

COURSE DESCRIPTION:

The course aims to develop an understanding of a number of key economic issues that arise from market forces in the context of the NZ economy: Unemployment, Trade, Economic Growth and Inflation. These issues and government policy alternatives are explored through the use of economic models.

Level 3

ENTRY REQUIREMENTS: 12 credits in Level 2 Economics or none if beginning the subject (at the discretion of the teacher in charge). Students who have demonstrated a high level of competence in Level 2 Mathematics are more likely to succeed.

QUALIFICATION(S): NCEA Level 3
ECON 199*

ASSESSMENT: 2 Internal Achievement Standards (10 credits)
3 External Achievement Standards (14 credits)

UE LITERACY: Reading (24 credits)
Writing (14 credits)

COST: Students will be asked to purchase write-on workbooks at a cost of around \$35

COURSE DESCRIPTION:

The course takes an analytical approach to economic theory and is divided into three sections.

- Resource Allocation via the Market System—how the market works to provide the optimum allocation of resources.
- Resource Allocation via the Public Sector—where the market fails and the role of Government.
- Aggregate Economic Activity and Policy—the impact of Government action on an economy-wide basis.

* There may be a possibility for the top students to study a stage one University paper through Canterbury University. The study would be concurrent and would involve extra costs. See Mr Redmond for more information.

GEOGRAPHY

Geography attempts to answer many of our cultural and physical bewilderments by integrating science and human behavioural patterns. Geography tries to make sense of human and environmental interactions over time.

"Geography connects us to place, people and purpose"

Year 11

COURSE DESCRIPTION:

This course develops an understanding of the physical and social world that we live in. There are four Topics;

- Fluvial Processes - how do rivers shape our environment and why are they so important?
- Extreme Natural Events – how extreme phenomena occur and their effect on people and the environment.
- Sustainability/Decision Making – how natural and cultural environments are affected by resource use.
- Geographic Research – learn how to conduct research and present data.

There will be two fieldtrips

- to Queenstown – approx. cost of \$55
- To explore local river processes – cost TBC

Level 2

ENTRY REQUIREMENTS: At the discretion of the Head of Department

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3 Internal Achievement Standards(11 credits)
1 Optional Achievement Standard (3 credits)
2 External Achievement Standards (8 credits)

UE LITERACY: Reading (4 credits)
Writing (4 credits)

COST: Optional field trip, price to be confirmed

COURSE DESCRIPTION:

This course develops an understanding of the physical and social world that we live in. There are four Topics;

- Fluvial Processes - how do rivers shape our environment and why are they so important?
- Extreme Natural Events – how extreme phenomena occur and their effect on people and the environment.
- Sustainability/Decision Making – how natural and cultural environments are affected by resource use.
- Geographic Research – learn how to conduct research and present data.

There will be two fieldtrips

- to Queenstown – approx. cost of \$55
- To explore local river processes – cost TBC

Level 3

ENTRY REQUIREMENTS: At the discretion of the Head of Department

(QUALIFICATION(S): Level 3 NCEA (UE Approved)
University Entrance and New Zealand Scholarship

ASSESSMENT: 3 Internal Achievement Standards(11 credits)
1 Optional Achievement Standard (3 credits)
2 External Achievement Standards (8 credits)

UE LITERACY: Reading (14 credits)
Writing (8 credits)

COST: Optional field trip, price to be confirmed

COURSE DESCRIPTION:

Level 3 Geography applies the concepts of Environment, Patterns, Processes, Perspectives, Interaction, Change and Sustainability to help students make sense of humans relationship with the environment and how that changes over time.

The topics studied are:

- Decision-Making – Burt Munro Festival Case Study
- Sustainability/Local Issue – Milford Sound
- Coastal Processes – Colac Bay/Curio Bay
- Global Issue – The Diamond Trade

HISTORY

History fires your curiosity and imagination. It invites you to ask, and helps you answer, questions about the world, by engaging with the past and imagining and speculating on possible futures. History presents you with the dilemmas, choices, and beliefs of people in the past, and in doing so connects you with the wider world.

History prepares you for the future

History equips you with knowledge and skills that are valuable and useful throughout life. These include research techniques, skills needed to process and analyse varied and complex materials, skills needed to give clear and effective oral and written presentations, and the ability to articulate ideas and make them clear to others. If you are contemplating a career in law, politics, foreign service, journalism and research, this subject is essential.

Year 11

COURSE DESCRIPTION:

The topics covered at Year 11 are designed to help you develop a passion for this wonderful subject. They include a mixture of global and New Zealand-based topics, and will also be used to equip you with skills and knowledge to answer challenging questions about society. In Year 11 you will also be attending a field trip to develop key research and historiographic skills, as well as observing the impacts of historical processes and events on modern society.

The key tasks are:

- An historical research task of significance to NZ
- Communication of the historical research topic
- An essay describing the causes and consequences of an historical event
- A long-answer paper interpreting historical sources

Level 2

ENTRY REQUIREMENTS: If new to subject at Level 2 entry is at the discretion of the Head of Department

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3 Internal Achievement standards (14 credits)
2 External Achievement standards (9 credits)

UE LITERACY: Reading (23 credits)
Writing (9 credits)

COURSE DESCRIPTION:

The topics studied at Year 12 are predominantly overseas based topics and focus on historical forces that have shaped the world as we know it. The topics will also be used to equip you with the skills and knowledge you will need to complete the Achievement Standards.

There are three Internal Achievement Standards:

- An historical research topic based on primary and secondary sources (4 credits)
- Communication of the historical research topic (5 credits)
- Demonstration of understanding of different perspectives of an historical event (5 credits)

There are two External Achievement Standards:

- An essay examining the causes and consequences of an historical event (5 credits)
- A long answer paper examining historical sources (4 credits)

Level 3

ENTRY REQUIREMENTS: 12 credits from NCEA Level 2 History/Geography/Classics (must include at least one external Achievement Standard)
If new to subject at Level 3 entry is at discretion of the Head of Department

QUALIFICATION(S): NCEA Level 3 (UE Approved)

ASSESSMENT: 3 Internal Achievement Standards (15 credits)
2 External Achievement Standards (10 credits)

UE LITERACY: Reading (25 credits)
Writing (10 credits)

COURSE DESCRIPTION:

The topics studied at Year 13 are predominantly overseas based topics and focus on analysis of the social, political and economic aspects of complex historical events and the related historical ideas. The topics will also be used to equip you with the skills and knowledge you will need to complete the Achievement Standards.

There are three Internal Achievement Standards:

- Research analysis of an historical event based on primary evidence (5 credits)
- Communication of the historical research topic (5 credits)
- Analysis of historical perspectives relating to a 'contested' event (5 credits)

There are two External Achievement Standards:

- An essay analysing the causes and consequences of an historical event (6 credits)
- A long answer paper analysing historical sources (4 credits)

MEDIA STUDIES

A critical understanding of media and how it works is becoming an increasingly important skill in our media-saturated world. This is a subject for students who are interested in learning about the media - including movies, TV, video games, print media (newspapers/magazines), the music industry, streaming platforms, the internet and more. In this course we examine how the media has social, political, ideological, cultural and economic impacts on individuals and the world. Students also have the opportunity to create their own short films and put the theory into practice.

Year 11

Ever wondered how the Media works? In this course you will gain media knowledge, skills, and experience by exploring a variety of media and media platforms, including social networks, film, tv and video games. You will discover how people use the media, how the media spreads messages and values, as well as create your own media products. The aim of this course is to enable you to understand, question and contribute to the constant flow of media messages around you.

Course content may include:

- Examining how individuals interact with the media
- How the movie industry operates (including a director & genre study)
- How to plan and produce media texts (e.g. Sweded film trailers, social media campaigns etc.)
- How misinformation, fake news and conspiracy theories have an impact on our lives
- How memes can teach us more about who we are and the world we live in

Level 2

ENTRY REQUIREMENTS: Priority entry will be given to students who have completed Year 11 Media Studies. Students who have not studied this subject previously may pick it up at Year 12 if places are available and at the discretion of the Teacher in Charge.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3-4 Internal Achievement Standards (13-16 credits)
1 External Achievement Standard (4 credits)

UE LITERACY: Writing (4 credits)

This course continues on from Year 11 Media Studies and continues to build on media knowledge and analysis. It is both a theory-based and practical subject.

Course content may include:

- Ethical issues in the media
- Analysing representations in the media
- Designing and producing a short silent horror film
- Examining how a genre operates in the media industry (e.g. the Superhero genre)

Note: Students are required to complete their practical assessments using the school's software. Students may use their own cameras, phones, digital devices etc. for filming.

Level 3

ENTRY REQUIREMENTS: Priority entry will be given to students who have completed Level 2 Media Studies. (13 Level 2 Media Studies credits, which must include the Production Assessment (91252)). Students who have not studied this subject previously may pick it up at Year 13 if places are available and at the discretion of the Teacher in Charge.

QUALIFICATION(S): NCEA Level 3 (UE Approved)

ASSESSMENT: 3-4 Internal Achievement Standards (13-16 credits)
1 External Achievement Standard (4 credits)

UE LITERACY: Reading/Writing (4 credits)

This course is an extension of the Level 2 course. It is both practical and theory based and expands on concepts studied in Level 2.

Course content may include:

- Researching a development in the media.
- Analysing the relationship between genre and a society (e.g. the Slasher genre and 1980s America)
- Planning, filming and creating a documentary/mockumentary.
- Examining media representation of an aspect of New Zealand society

Note: Students are required to complete their practical assessments using the school's software. Students may use their own cameras, phones, digital devices etc. for filming.

TOURISM

As one of New Zealand's largest industries, this course allows you to experience and learn about national and international tourism industries, and the delivery of a quality visitor experience. You'll build skills in tourism and travel management work practices while learning about the wider tourism and hospitality sector and its fit within the business and physical environments. Students will develop skills relevant to a career in tourism.

Level 2

ENTRY REQUIREMENTS: There are no entry requirements for this course of study. However students will be expected to display the positive attitudes and enthusiasm necessary for a successful career in tourism. There is a class trip to Rakiura Stewart Island to explore and participate in tourism activities.

ASSESSMENT: Fully internal
Unit Standards (23 credits)

COST: Service IQ Course Fee \$30

COURSE DESCRIPTION:

- Demonstrate Knowledge of World Tourist Destinations
- Demonstrate Knowledge of Work Roles in Tourism
- Demonstrate Knowledge of Tourist Characteristics and Needs
- Demonstrate Knowledge of Destination NZ
- Describe and Compare Impacts of Tourism on the Physical Environment
- Explain the Importance of Māori Place Names
- Describe and Compare Social Impacts of Tourism

Level 3

ENTRY REQUIREMENTS: Students are able to enter Level 3 Tourism without completing this subject in Level 2 at the discretion of the TIC. However, priority will be given to those students who completed Level 2 Tourism to a satisfactory level. There is a class trip to Queenstown to explore and participate in tourist activities.

QUALIFICATION(S): Credits can count towards NCEA Level 3 but not University Entrance.

ASSESSMENT: Fully internal Unit Standards course (30 credits)

COST: Service IQ Course Fee \$30

COURSE DESCRIPTION:

- World Travel Geography
- Describe & Promote a NZ Tourism Destination
- Demonstrate Knowledge of the Tourism Industry
- Destination Pacific Islands
- Māori Tourist Attractions
- Read Texts to Complete Research
- Speak to an Audience

TECHNOLOGY

DESIGN AND VISUAL COMMUNICATION

Design and Visual Communication is a subject where students solve real world design problems. They do this by using a combination of Computer (CAD) drawing and sketching to visually communicate their design thinking.

Year 11

COURSE DESCRIPTION:

This course focuses on designing, computer (CAD) drawing, modelling, rendering and 2D & 3D sketching. It will prepare students for Level 2 NCEA DVC. Design assignments are:

- Bus Shelter
- Moisture Meter
- Backpack

Assessments will be based on parts of the design assignments and spread throughout the year.

Level 2

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 2 Internal Achievement Standards (9 credits)
2 External Achievement Standards (7 credits)

COURSE DESCRIPTION:

This course teaches students to solve Design Problems using Design and Visual Communication skills. Design and Visual Communication techniques introduced in Years 9 to 11 are further developed. Advanced 3D computer modelling techniques are studied. Computer and hand drawing skills are taught which allow students to produce a more realistic interpretation of complex information.

The process of Design is emphasised. Students are taught to explore a range of possible solutions to given problems.

Design assignments are:

- Desk Lamp
- Exploring Designers and Design Eras

Level 3

QUALIFICATION(S): NCEA Level 3 (UE Approved)

ASSESSMENT: 1 Internal Achievement Standard (6 credits)
2 External Achievement Standards (10 credits)

COURSE DESCRIPTION:

This is a course where the student will solve design problems. The skills of problem solving and real world constraints are an integral part of solving challenging design problems.

They will have the opportunity to work independently and present their ideas using a variety of Graphics skills that they are comfortable with. These may be computer based, free hand sketches or a combination of both.

Effective presentation and an understanding of how to use a range of skills to arrive at a good design are central to this course.

Design assignments are:

- Small House
- CAD Production Drawings

DIGITAL TECHNOLOGIES

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. This subject has the potential to strengthen the appeal to students of Digital Technologies as a specialist subject and to connect students with a range of enterprising and innovative employment opportunities and tertiary pathways.

Year 11

ENTRY REQUIREMENTS: Study of this subject in Year 10 is preferred.

ASSESSMENT: One 5-credit internal assessment to prepare you for NCEA Level 2

COURSE DESCRIPTION:

This course is you will give you a strong foundation in creative design **OR** logical programming, giving you practical knowledge for a variety of future careers.

Both streams will learn core skills in **Data Management, Design Process, and Interface Usability**. You then specialise in the software of your chosen stream.

- **Digital Technologies MEDIA:** Focus on professional design using industry-standard software like Adobe InDesign, Illustrator, and Photoshop to create stunning digital outcomes. The course will also cover Microsoft Access to manage data.
- **Digital Technologies PROGRAMMING:** Dive into the languages that power modern tech and concepts that drive them. You'll work with Python, web languages (HTML, CSS, JavaScript, PHP), SQL website-databases, electronics with Arduino, and Game Development with Godot.

*Please specify whether you are choosing **MEDIA OR PROGRAMMING**. Note that both streams can be taken simultaneously.*

Level 2 Digital Technologies (Beginners)

ENTRY REQUIREMENTS: Open Entry (suit beginners to the subject or those who want to develop some Digital Technology skills)

QUALIFICATION(S): NCEA Level 2 (Unit Standards based)

ASSESSMENT: Fully internally assessed - 4 Unit Standards (15 credits)

COURSE DESCRIPTION:

This course prepares students to have an understanding of real life computer skills.

- Consolidation of text entry skills and techniques
- Understanding and use of Word Processing, Spreadsheet, Database.
- Introduction to Adobe Creative Suite software
- Basic document layout and enhancement

Level 2 Digital Technologies

ENTRY REQUIREMENTS: Study of this subject in Year 11 is highly recommended. Entry is at the discretion of the Teacher in Charge.

QUALIFICATION(S): NCEA Level 2 (Assessment Standards-based).

ASSESSMENT: **MEDIA: 20 credits (4 internal, 1 external).**
PROGRAMMING: 29 credits (5 internal, 1 external).

COURSE DESCRIPTION:

This year, you will specialise and build advanced skills in either Programming **OR** Media. While the classes are distinct, they share a common goal of developing your digital skills to a higher level. Both streams share foundational assessment standards, providing you with a well-rounded understanding of the digital design process.

- **Digital Technologies MEDIA:** For students with a passion for creative design. You will use advanced tools like Adobe Creative Suite to produce professional-level outcomes. The course also teaches you how to manage data effectively using advanced Microsoft Access, a key skill for a wide range of media projects.
- **Digital Technologies PROGRAMMING:** For students who love to build and problem-solve with code. You will build on your Python skills, create dynamic, database-driven websites, and get a deeper understanding of computer science concepts.

Please specify whether you are choosing **MEDIA OR PROGRAMMING**. Note that both streams can be taken simultaneously.

Level 3 Digital Technologies (Beginners)

ENTRY REQUIREMENTS: Open entry but a reasonable computer knowledge is needed. The course focuses on a range of software applications and develops good skills for employment.

QUALIFICATION(S): NCEA Level 3 (Unit Standards based) NOT UE approved

ASSESSMENT: Fully internally assessed - 3 Unit Standards (15 credits)

COURSE DESCRIPTION:

This course covers Word Processing, Desktop Publishing and Database skills in a business situation.

Level 3 Digital Technologies

ENTRY REQUIREMENTS: Study of this subject at Level 2 is preferred. Entry is at the discretion of the Teacher in Charge.

QUALIFICATION(S): NCEA Level 3 (Assessment Standards-based) and UE Approved.

ASSESSMENT: **MEDIA:** 20 credits (4 internal, 1 external).
PROGRAMMING: 29 credits (6 internal, 2 external).
SCHOLARSHIP(S): 1 report and 1 exam (both external).

COURSE DESCRIPTION:

This is your final year to complete your senior studies in Digital Technologies. You will apply complex procedures and advanced problem-solving to create a major digital outcome. Both the Media and Programming streams share common external assessments, highlighting the core connections between these two fields.

- **Digital Technology MEDIA:** Use a software package of your choice to produce a digital media outcome. The course will expand to more complex database techniques using Microsoft Access, a key skill for a wide range of media projects.
- **Digital Technology PROGRAMMING:** Work with a programming language of choice, relational databases, and in-depth computer science concepts.

Please specify whether you are choosing **MEDIA OR PROGRAMMING**. Note that both streams can be taken simultaneously.

HARD MATERIALS DESIGN

Hard Materials Design will suit those students who enjoy overcoming design issues. Students will work through a problem solving process which explores the design process and manufacture of high quality solutions.

Year 11

ENTRY REQUIREMENTS: None

COST: There will be a cost which varies for materials used in take home projects.

COURSE DESCRIPTION:

Through challenging project briefs, students are encouraged to design and produce innovative solutions encompassing processes and materials from all areas of the workshop.

Level 2

ENTRY REQUIREMENTS: Completed Hard Materials Design Year 11 Course preferred but not required.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 3 Internal Unit Standards (16 credits)

COST: There will be a cost which varies for materials used in take home projects.

COURSE DESCRIPTION:

This course provides students with the opportunity to build on their experience gained at Year 11. Students will be able to design and build a project that meets a need or opportunity that they have identified. Through the project students will broaden their knowledge of materials, processes and techniques in the workshop environment.

Level 3

ENTRY REQUIREMENTS: Completed Hard Materials Design Level 2 Course preferred but not required.

ASSESSMENT: 2 Internal achievement standards (20 credits)

COST: There will be a cost which varies for materials used in take home projects.

COURSE DESCRIPTION:

This course provides students with the opportunity to build on their experience gained at Year 11 and Level 2. Students will select a suitable issue and produce an innovative solution using a range of complex workshop processes. This will be achieved through detailed planning and comprehensive design.

HARD MATERIALS TRADE

The foundation for many Hard Materials Trade related courses begins with learning a range of practical skills in the school workshop.

Year 11

Hard Materials Trade will suit those students who enjoy the practical aspect of the Hard Materials course. Students will develop a good level of basic Industry skills in both the wood and engineering environments.

ENTRY REQUIREMENTS: None

COST: Cost of material used in take home projects (approximately \$130)

COURSE DESCRIPTION:

A practical based course which will allow students to gain skills and confidence in two specialist areas of the workshop:

- Woodwork and Furniture Making
- Mechanical Engineering

Whilst working toward assessment in the two areas, students will complete projects encompassing a range of skills and processes.

Level 2

NB: At Level 2 Students can choose one or more of the following subjects: Building and Construction, Electronics and Mechanical Engineering.

BUILDING AND CONSTRUCTION

This course provides students with an opportunity to gain an insight into the building industry. They will learn basic carpentry skills and knowledge through completing a small individual and a larger group project.

Level 2

ENTRY REQUIREMENTS: None

QUALIFICATION(S): Contributes to Level 2 NCEA
Unit Standards Level 2

ASSESSMENT: Fully Internal (20 credits)

COST: Costs of materials used in take home projects (approximately \$55)
\$10 ITO Course Fee

COURSE DESCRIPTION:

This practical based course, developed and supported by the Building and Construction Industry Training Organisation (BCITO) is designed to give students an introduction to the following areas of carpentry.

- Identify, select, use and maintain hand tools used for construction
- Identify, select, use and maintain portable power tools under supervision
- Construct timber garden furniture and items of basic construction

Students will apply learnt knowledge to construct personal projects and then work as a group to construct a small building project.

ELECTRONICS

This subject will give students an understanding of Electronics, one of the biggest and fastest growing industries in the world.

Level 2

ENTRY REQUIREMENTS: None

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: Fully Internal (19 credits)

COURSE DESCRIPTION:

This course gives an introduction to electronics. It provides a foundation for those who pursue further training and employment in this field.

Students can gain 19 credits from Unit Standards in the following areas:

- Circuit concepts and measurement
- Basic electronic components
- Basic electronic systems
- Construct printed circuits
- Construct electronic products

MECHANICAL ENGINEERING

This course will allow students to develop a sound understanding of basic engineering practices. Qualifications gained through this course may assist students to gain employment or entry to engineering based tertiary courses.

Level 2

ENTRY REQUIREMENTS:	None
QUALIFICATION(S):	NCEA Level 2
ASSESSMENT:	Unit Standards (17 credits)
COST:	Cost of materials used in take home projects (approximately \$90) \$10 ITO Course fee

COURSE DESCRIPTION:

This practical based course, written in consultation with the COMPETENZ (New Zealand Engineering, Food and Manufacturing Industry Training Organisation) is designed to give students an introduction to the following areas of engineering:

- Health and Safety practices
- Safe care and use of hand tools
- Engineering safety
- Computerised drawing
- Basic Milling and Lathe processes

Students will build a motorised Grass Kart as part of a team, working toward the southland Secondary School Grass Kart Competition, or will make individual engineering set projects. Using the knowledge from these learning areas, students will manufacture projects which will give an understanding of the practical applications used in engineering today.

Level 3

ENTRY REQUIREMENTS:	Students would benefit from having completed Level 2 Mechanical Engineering
QUALIFICATION(S):	NCEA Level 3
ASSESSMENT:	Unit Standards (11 credits)
COST:	Costs of materials used in take home projects (approximately \$120) \$10 ITO Course fee

COURSE DESCRIPTION:

This course would suit students who have an interest in Engineering with an opportunity to further develop their skills both with practical and computer aided fields.

Topics covered:

- Complete 2D/3D computer aided working drawings, parts and assemblies
- Mix of structural, heavy fabrication and machining through individual projects.

OTHER

LITERACY

Optional Literacy Course focussed on a Cross Curricular approach to Literacy - both the Reading and Writing strands required for the NZQA Common Assessment Activities. Students who have not yet achieved these Credits are encouraged to select this option to help them develop these important foundational skills. Offered Year 11-13.

OUTDOOR RECREATION

This course would benefit any student with an interest in learning more about outdoor activities or who would like to experience the rewarding challenges they offer. In particular, it would be helpful for those students wanting to pursue a career in adventure tourism or outdoor recreation.

Level 2

ENTRY REQUIREMENTS:	None A selection process may be required.
QUALIFICATION(S):	NCEA Level 2 Skills Active ITO Unit Standards
ASSESSMENT:	Achievement Standards (4 credits) Unit Standards (15 credits)
COST:	\$1,275 to cover transport, accommodation. (Note: This is a very expensive course, so the cost must be considered carefully and taken into account when deciding whether to choose this subject! The school reserves the right to veto course entry where there is a record of late or non-payment of school fees.)

COURSE DESCRIPTION:

The Outdoor Recreation Skills course provides a challenging programme to cater for a wide range of students. Participants will have the opportunity to:

- Show leadership
- Challenge themselves
- Experience outdoor recreation
- Find out more about themselves
- Gain qualifications
- Plan and organise activities
- Grow in confidence
- Learn new skills
- Co-operate in a team situation
- Have fun in the outdoors!

The course will be delivered through a mixture of theory and practical lessons, generally followed by a two to three day assessment camp. The areas of study students will experience are:

- Risk Management
- Bushcraft
- Tramping
- Orienteering
- Rock Climbing
- Kayaking
- First Aid
- Camping
- Snow Craft
- Mountain biking

Gear requirement: Students need to have access to a mountain bike for Terms 3 and 4.

TRANSITION SKILLS

This course will help to identify personal strengths, interests and abilities while developing life skills and gaining a better knowledge of employment issues.

Level 2

ENTRY REQUIREMENTS: None

QUALIFICATION(S): Unit Standards mainly at Level 2 are offered throughout the course. These are credited on the NZQA Framework.

ASSESSMENT: Unit Standards (up to 20 credits)

COST: Could cost up to approximately \$140 (dependant on courses undertaken eg First Aid, Ropes Course, Interview Skills, etc). Some courses may be subsidised.

COURSE DESCRIPTION:

The course includes a variety of activities which develop skills, knowledge and attitudes useful in the world beyond school. It covers Life Skills, Job-seeking Skills, Flatting, Personal Development and Social Awareness.

CAMBRIDGE IGCSE

2026 Cambridge class studying IGCSE in:

English

Mathematics

Co-ordinated Science

Global Perspectives

ENTRY REQUIREMENTS: Cambridge Class of 2025. Entry is via application process only.



Mission Statement

**Our Mission is to equip all
our students to create the best
possible future for themselves
and their world.**



Vision

Tirohanga

Our vision is to foster healthy all-round development and personal success in an environment informed by the principles of manaakitanga.

This means helping young people build their personal identity and hauora in a context of strong communal values (The Hargest Way).

It involves encouraging participation, connectedness and whanaungatanga through a range of service, cultural, sporting and leadership opportunities.

Personal success is fostered by a strong academic focus and the pursuit of excellence in its broadest sense, through responsive, supportive programmes and staff working on the principles of ako.

We aspire to provide education of superb quality, in partnership with our wider community.



The James Hargest College core values are:

We respect each other

Ka manaakitia tētahi ki tētahi

We treat all people fairly

Ka mihia tika te iwi katoa

We are honest

Tino mahi pono mātou

We work hard

Tino kaha tō mātou mahi

We are responsible for all we do

*Ka whakautu tūtika mātou ki ngā
kaupapa katoa*

We take care of our environment

Tiakina tō mātou nohonga taiao

Hargest Way Reports are sent home every three weeks. They report on the following values:

Effort looks like:

Completes work to a high personal standard in a timely manner. Brings all equipment to class.

Demonstrates a self disciplined attitude to all activities.

Persists when learning is difficult.

Actively listens to teacher explanations and instructions.

Participates in group and class activities.

Respect looks like:

Shows respect for self, others and all property.

Treats others fairly, listens and responds to different opinions respectfully.

Is honest and takes responsibility for all actions.

Uses appropriate and respectful language.

Is on time and wears the uniform correctly.



































































































Subject Codes 2026

ACC	Accounting	FDN	Fashion and Design
ARD	Visual Arts: Design (Lev 2, 3)	FNT	Food and Nutrition
ARM	Visual Arts: Printmaking (Lev 2, 3)	FRE	French
ARO	Visual Arts: Photography (Lev 2, 3)	GAT	Gateway (Lev 2, 3)
ARP	Visual Arts: Painting (Lev 2, 3)	GEO	Geography
ART	Visual Arts: (Y11)	HEA	Health (Lev 2)
BCN	Building and Construction (Lev 2)	HIS	History
BIO	Biology (Lev 2, 3)	HMD	Hard Materials Design
BUS	Business Studies (Lev 2)	HMT	Hard Materials Trade (Y11)
CHE	Chemistry (Lev 2, 3)	HPE	Health and Phys Ed (Y11)
CHD	Child Care & Development (Lev 2)	JAP	Japanese
CLS	Classical Studies (Lev 2, 3)	MAC	Calculus (Lev 3)
CME	Cambridge English (Year 10, 11)	MAO	Maori
CMG	Cambridge Global Perspectives (Year 10, 11)	MAT	Mathematics (Yr 9, 10)
CMM	Cambridge Mathematics (Year 10, 11)	MEN	Mechanical Engineering (Lev 2, 3)
CMS	Cambridge Science (Year 10, 11)	MED	Media Studies
CUL	Culinary Arts	MUS	Music Studies
DGB	Digital Technologies (Beginners) (Lev 2, 3)	MXA	Mathematics A (Lev 2)
DGM	Digital Technologies Media	MXB	Mathematics B (Y11, Lev 2)
DGP	Digital Technologies Programming	MXG	Mathematics G (Y11, Lev 2)
DGT	Digital Technologies (Year 9, 10)	MXN	Mathematics Numeracy (Y11)
DRA	Drama	MXT	Mathematics (Y11)
DVC	Design & Visual Communication	ODR	Outdoor Education (Lev 2)
ECO	Economics	PED	Physical Education (Lev 2, 3)
ELE	Electronics (Lev 2)	PHY	Physics (Lev 2, 3)
ENP	English - Psychology of Self (Y11)	SCC	Science Callaghan (Y11)
ENS	English - Society Explored (Y11)	SCM	Science MacDiarmid (Y11)
ENT	English - Technology, Machines and the Future (Y11)	SCW	Science Wiffen (Y11)
ENA	English A (Lev 2)	SCI	Science (Lev 2, 3)
ENB	English B (Lev 2, 3)	STA	Statistics A (Lev 3)
ENC	English C (Lev 2)	STB	Statistics B (Lev 3)
ENW	English Written (Lev 3)	SPA	Spanish
ENV	English Visual (Lev 3)	TOU	Tourism (Lev 2, 3)
ENL	English Literacy	TRA	Transition (Lev 2)
ESL	English as a Second Language		

Learning pathways

All subjects in **red** are compulsory

This is a guide only. See our annual subject booklets for senior subject pre-requisites. (Note: courses may be combined or not run if there are insufficient numbers).

	Year 9 & 10	Year 11	NCEA Level 2	NCEA Level 3
Art (Visual Arts)	Art	Art    	Art Design  Art Painting  Art Photography  Art Printmaking 	Art Design Art Painting Art Photography Art Printmaking
Drama	Drama	Drama 	Drama 	Drama
English	English ESOL	English Psychology of Self English Society Explored English Technology, Machines and the Future ESOL 	English A  English B  English C  ESOL	English Written A or English Visual A English B ESOL
Food & Fabric	Fashion & Design Food & Nutrition	Culinary Arts  Fashion & Design  Food & Nutrition 	Culinary Arts  Childcare & Development  Fashion & Design  Food & Nutrition 	Culinary Arts Fashion & Design Food & Nutrition
Languages	French Japanese Spanish Te Reo Māori	French Japanese Spanish Te Reo Māori    	French Japanese Spanish Te Reo Māori    	French Japanese Spanish Te Reo Māori
Mathematics & Statistics	Mathematics	Mathematics T Mathematics G Mathematics B Mathematics N    	Mathematics A  Mathematics G  Mathematics B  	Calculus Statistics A Statistics B
Music	Music	Music 	Music 	Music
Health & Physical Education	Health & Physical Education	Health & Physical Education 	Physical Education  Health Education	Physical Education
Science	Science	Science (MacDiarmid)  Science (Wiffen)    Science (Callaghan) 	Biology  Chemistry  Physics  Science 	Biology Chemistry Physics Science
Social Sciences	Social Studies	Accounting  Economics  Geography  History  Media Studies 	Accounting  Business Studies  Economics  Geography  History  Media Studies  Tourism  Classical Studies 	Accounting - Economics Geography History Media Studies Tourism Classical Studies
Technology	Design and Visual Communication Digital Technologies Hard Materials Design	Design and Visual Communication  Digital Technologies Media  Digital Technologies Programming  Hard Materials Design  Hard Materials Trade              	Design and Visual Communication  Digital Technologies (Beginners)  Digital Technologies Media  Digital Technologies Programming  Electronics  Hard Materials Design  Building & Construction  Mechanical Engineering          	Design and Visual Communication Digital Technologies (Beginners) Digital Technologies Media Digital Technologies Programming Hard Materials Design Mechanical Engineering
Other		Literacy	Outdoor Education Transition Skills Literacy	Literacy

Key

leads to and is a prerequisite



leads to but is not a prerequisite

