



Year 11, 12 and 13 Subject Outlines 2022

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	OTHER	UNIT STANDARDS
13	New Zealand Scholarships National Certificate of Educational Achievement Level 3	Specialist National Certificates	In some subjects National Certificates can be achieved in full or part via Unit Standards Assessment
12	National Certificate of Educational Achievement Level 2	Specialist National Certificates	
11	National Certificate of Educational Achievement Level 1	Specialist National Certificates	

All National Awards are controlled by New Zealand Qualifications Authority (NZQA).

NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT

- 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 1-3 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, 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) or at least 5 subjects (Year 13).
2. Students are to enter for the appropriate qualification 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.

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14	Chemistry		✓	✓
15	Childcare and Development		✓	
16	Classical Studies		✓	✓
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18	Design & Visual Communication	✓	✓	✓
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44	Media Studies	✓	✓	✓
46	Music	✓	✓	✓
48	Outdoor Recreation		✓	
48	Primary Industries/ Agricultural & Horticultural Science	✓	✓	✓
50	Physical Education		✓	✓
51	Physics		✓	✓
52	Science	✓	✓	✓
53	Spanish	✓	✓	✓
54	Tourism		✓	✓
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SENIOR SUBJECTS FOR 2022

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 2022

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 option subjects and/or choose from the following beginning subjects which are offered.

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

Please read subject notes for conditions of entry.

YEAR 12 STUDENTS 2022

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

Please read subject notes for conditions of entry.

5. Other subjects would be at Level 1.

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.

YEAR 13 STUDENTS 2022

1. All students will choose 5 subjects. The selection of a sixth subject is at the discretion of Deans and Guidance.
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:

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

Please read subject notes for conditions of entry.

CHOOSING SENIOR SUBJECTS

Where do I begin?

1. Inform yourself thoroughly about the subjects you are considering.
2. Plan at least a year ahead.
3. Ask advice of Careers Advisers/Deans/Subject Teachers/Form Teachers/Whānau.

Year 10 Student 2021

Choose subjects from the Level 1 list.

Don't choose a subject just because your friends are doing that subject or because you like/dislike the teacher.

Consider your career options.

It helps if you like the subject.

Year 11 Student 2021

Choose subjects from the Level 2 list.

Look at Level 3 subjects.

Ask:

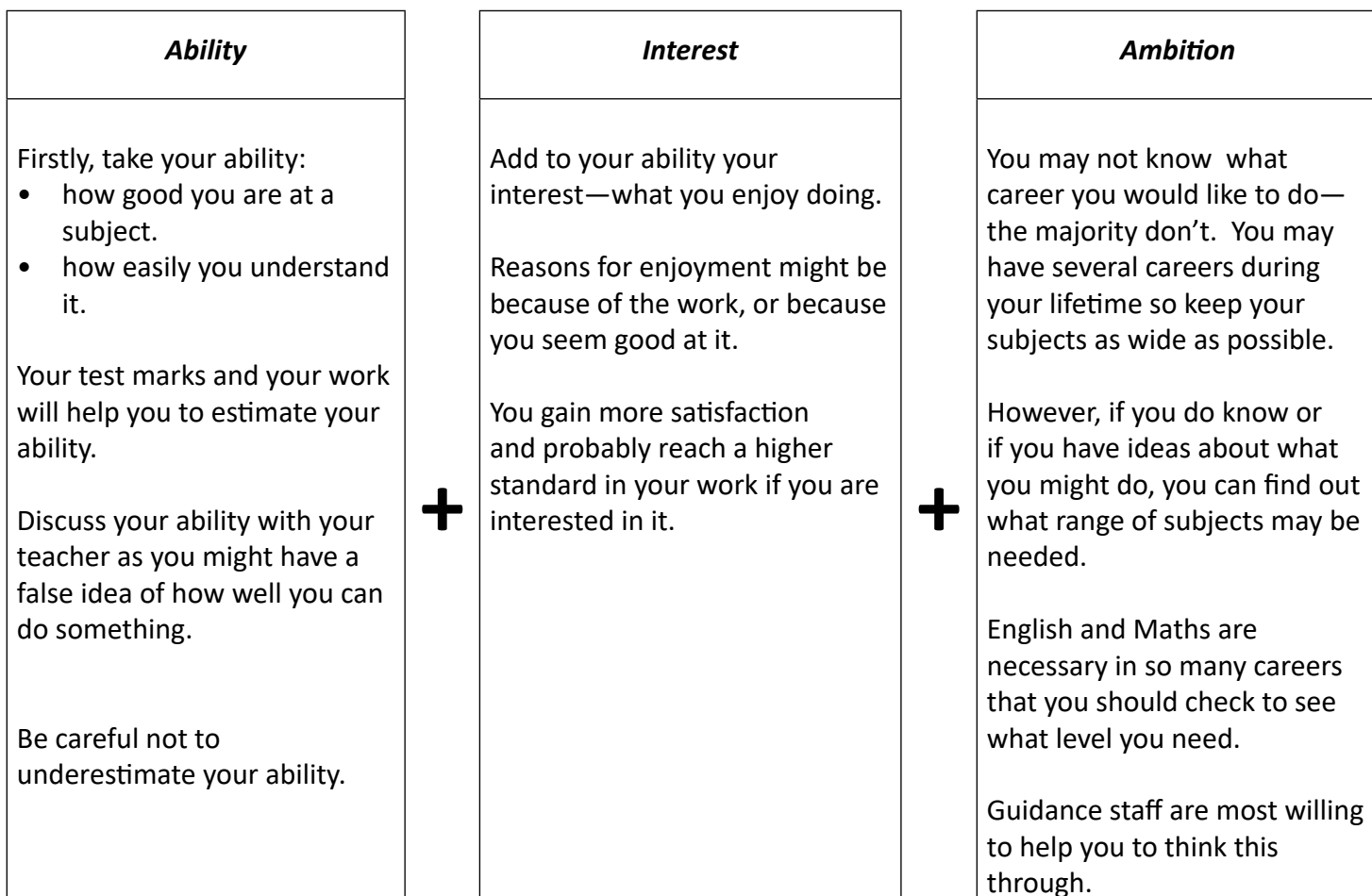
- Do I have enough subjects that continue to Level 3?
- Can I take a Level 3 subject without taking it at Level 2?

Year 12 Student 2021

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 as 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 1

National Certificate of Educational Achievement NCEA Level One

For a student to be awarded NCEA Level 1, they must achieve 80 credits at Level 1 or higher. 10 credits must be literacy and 10 credits must be numeracy. All courses will offer credits towards NCEA Level 1. Students can achieve these through Achievement Standards, Unit Standards or designated standards in other subjects.

NB: A course of 6 subjects could generate up to 140 credits.

LEVEL 2

National Certificate of Educational Achievement NCEA Level Two

For a student to be awarded NCEA Level 2, they must achieve 80 credits, 60 credits must be Level 2 or higher, 20 credits may be Level 1, OR 80 credits from Level 2. The Level 1 literacy and numeracy requirements must be met.

LEVEL 3

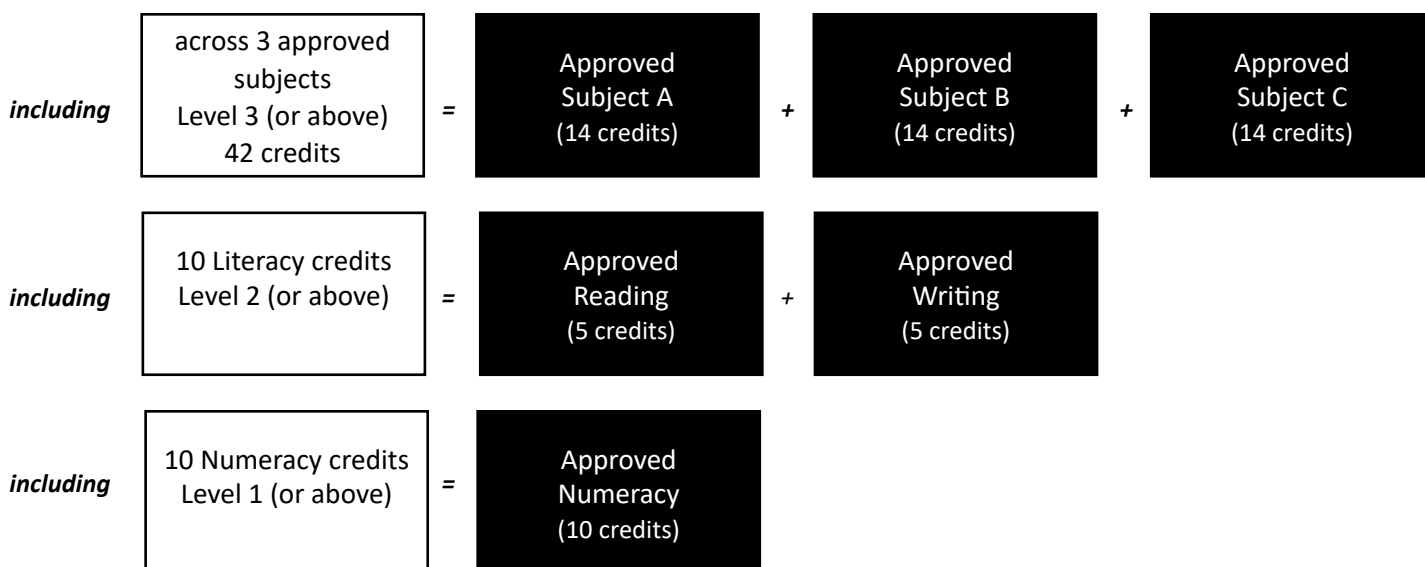
National Certificate of Educational Achievement NCEA Level Three

For a student to be awarded NCEA Level 3, they must achieve 80 credits, 60 credits at Level 3 or higher and 20 from Level 2 or higher OR 80 credits from Level 3. The Level 1 literacy and numeracy requirements must be met.

Minimum University Entrance 2022

National Certificate of Educational Achievement Level 3 (80 credits)

(Must achieve 60 credits at Level 3 and 20 credits may be transferred from Level 2)



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.

NB: If a Special Assessment Conditions assistant is used, the credits obtained do not count for literacy writing.

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

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

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.

STUDENT ALLOWANCES

The following information is correct as of July 2021, but may be subject to change for 2022. Check the website www.studylink.govt.nz.

Student allowances are available to tertiary students over the age of 16 and secondary school students who turned 18 prior to 1 January 2021. The rates of student allowances vary according to age, marital status, parents' income and living circumstances.

To qualify for a student allowance:

- students must be a New Zealand citizen or a permanent resident of New Zealand
 - be sponsored
 - be a refugee/protected person
 - been living in New Zealand for at least three years whilst holding residency
- students must be enrolled in a recognised institution (secondary school, university, polytechnic, technical institute or teachers' college)
- students must be enrolled in a full time course of study recognised for student allowances purposes
- secondary school students must be 18 years of age prior to 1 January 2020

Students who think they may be eligible should see Pixie McDowall in Careers.

TERTIARY EDUCATION FEES FREE

Fees Free tertiary study or training is now available for eligible learners.

If you are a New Zealander who finished school in 2020 or during 2021, you qualify for a year of fees free provider based tertiary education or two years of industry training. Go to www.feesfree.govt.nz/faqs.

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.

Level 1

ENTRY REQUIREMENTS: Reasonable level of literacy and numeracy skills

QUALIFICATION(S): NCEA Level 1

ASSESSMENT:
2 Internal Achievement Standards (9 credits)
2 External Achievement Standards (9 credits)
1 Extension Standard (optional) (3 external credits)

COST: Students will be required to purchase two write on workbooks at a cost of \$7 each

COURSE DESCRIPTION:

The aims of the Accounting programme are to promote knowledge and understanding of accounting as a financial language for:

- individuals
- community organisations and
- businesses

To achieve these aims, the student will:

- examine, understand and apply the assumptions on which accounting is based
- process financial data into meaningful information for small businesses
- prepare financial reports which meet user needs for small businesses and clubs
- analyse and interpret financial reports

Level 2

ENTRY REQUIREMENTS: Minimum of 12 credits from Level 1 Accounting
OR a minimum of 70 Level 1 Credits from any area
OR entry with prior approval from Head of Commerce

QUALIFICATION(S): NCEA Level 2

ASSESSMENT:
3 Internal Achievement Standards (11 credits)
2 External Achievement Standards (9 credits)
1 Extension Standard (optional) (4 external credits)

COST: Students will be required to purchase a write on workbook at a cost of \$28

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
OR entry with prior approval from Head of Commerce

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)
Writing (5 credits)

COST: Students will be required to purchase a write on workbook at a cost of \$28

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.

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.

Level 1

ENTRY REQUIREMENTS: Year 9 and 10 option Art is necessary
Entry must be negotiated with Head of Department Art if you have not done Year 9/10 option Art

QUALIFICATION(S): NCEA Level 1

ASSESSMENT: 2 Internal Achievement Standards (Total 10 credits)
1 External Achievement Standard (12 credits)

COST: A contribution to materials \$12
Senior art pack to be purchased from **Office Max online only**
Folio card charged to account \$6

COURSE DESCRIPTION:

Students learn in, through, and about the various forms and processes of the visual arts. Through practical work and the study of art works, they learn to make images, to source and develop ideas and to communicate and interpret meaning. Students will investigate the context in which the visual arts are made, used and valued.

Internals:

- 1.2 Use drawing methods and skills for recording information using wet and dry media (4 credits)
- 1.3 Using drawing conventions to develop work in more than one field of practice (6 credits)
- 1.4 External (12 credits)

Level 2

ENTRY REQUIREMENTS: NCEA Achievement Standard Art 1.4 External or with Head of Department approval

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: Select either one or two from:

- Painting
- Printmaking
- Photography
- Design Illustration

2 Internal Achievement Standards (8 credits)
1 External Achievement Standard (12 credits)

COST: A contribution to materials \$12
Art pack available from **Office Max online only**
Folio cost \$6
Photography board printing \$50 approximately + SD card (\$30) + USB (\$10)
Printmaking materials \$35
Photoshop programme \$35 approx. for one year for Photography/Design

COURSE DESCRIPTION:
Students learn through and about the various forms and processes of the Visual Arts. It is similar in structure to the NCEA Level 1 course.

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

Level 3

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

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
- Printmaking
- Photography
- Design Illustration

COST: A contribution to materials \$12
Senior art pack from Office Max online only (local store closing)
\$9 folio board per subject
Design/Photography course related costs \$130, USB + SD card as per Level 2 incl. PhotoShop
Printmaking materials \$40

COURSE DESCRIPTION:
• Use drawing to demonstrate understanding of conventions appropriate to design/painting/photography/printmaking/sculpture (4 credits internal)
• Systematically clarify ideas using drawing informed by established design/painting/photography/printmaking/sculpture practice (4 credits internal)
• Produce a systematic body of work that integrates conventions and regenerates ideas within design/painting/photography/sculpture practice (14 credits external)

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: Recommended 9 Credits or more from Level One Science. It is recommended students pass 90948.

QUALIFICATION(S): Level 2 NCEA

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

COST: Students will be required to pay for write on course materials - \$29

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 9 Credits Level 2 Biology OR at the discretion of Teacher in Charge

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 - \$29

COURSE DESCRIPTION:

A variety of topics are covered including, Responses of Plants and Animals, How an animal maintains a stable environment, Evolutionary Processes leading to Speciation, Biological Investigation, and Manipulations of Genetic Transfer and its Biological Implications.

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

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 small construction projects.

Level 2

ENTRY REQUIREMENTS: None

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

ASSESSMENT: Fully Internal (20 credits)

} (8 credits)

COST: Costs of materials used in take home projects (approximately \$100)
\$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
- Construct a non-consent timber framed utility building (group project)

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

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: Level One NCEA

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 of the skills necessary for efficient 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.

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: Recommended 9 credits or more from Level One Science which should include a pass in 90930 or 90944 OR at the discretion of Teacher in Charge

QUALIFICATION(S): Level 2 NCEA

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

COST: Students will be required to pay for write on course materials - \$29

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 measure 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 9 credits or more from Level 2 Chemistry OR at the discretion of Teacher in Charge

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

ASSESSMENT: 3 Internal Achievement Standards (10 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 - \$29

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.

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: \$10 per year for take home materials
\$35 write on workbook charge

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.

Practical work forms an important part of this course. Students will be required to organise access to a child for some assignments.

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 at least 14 credits from Level 1 NCEA English or Level 1 History

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 whose 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 or electronic games and stories 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 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.

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.

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 a more academic focus.

Level 1

ENTRY REQUIREMENTS:	Open
QUALIFICATIONS:	NCEA Level 1
ASSESSMENT:	Fully internal Level 1 Unit Standards (20 credits)
COST:	\$200 per year for food consumed \$35 Write on workbook

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 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, with both areas assessed.

Level 2

ENTRY REQUIREMENTS:	Open
QUALIFICATIONS:	NCEA Level 2
ASSESSMENT:	Fully internal Level 2 Unit Standards (18 credits)
COST:	\$200 per year for food consumed \$35 Write on workbook

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

COST: Level 3 Unit Standards (16 credits)
\$200 per year for food consumed
\$35 Write on workbook

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.

DESIGN AND VISUAL COMMUNICATION

Design and Visual Communication is a subject where students solve real world design problems. They do this with freehand sketching, some technical drawing and CAD programs on computers.

Level 1

ENTRY REQUIREMENTS: None. Students will find it advantageous to have completed a Year 10 Design and Visual Communication course.

QUALIFICATION(S): NCEA Level 1

ASSESSMENT: 4 Internal Achievement Standards (16 credits)
3 External Achievement Standards (9 credits)

COURSE DESCRIPTION:

This course teaches students to solve design problems using visual techniques. It uses freehand and computer techniques to produce drawings and models. It covers the rendering of illustrations and the layout and presentation of work.

Areas of Design and Visual Communication are:

- Visual communication
(Freehand sketching, Computer drawing, Rendering, Designer study, Design promotion)
- Spatial Design
(Bus Shelter)
- Product Design
(Moisture meter)

Level 2

ENTRY REQUIREMENTS: 9 internal credits from Level One Design and Visual Communication or at the discretion of the Head of Department

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 2 Internal Achievement Standards (12 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.

Areas of Design and Visual Communication are:

- Visual Communication
(Visual design ideas, Computer modelling and drawing, Working drawings.)
- Spatial Design
(Tree House)
- Product Design
(Desk Lamp)

Level 3

ENTRY REQUIREMENTS: 9 credits from Level Two Design and Visual Communication or at the discretion of the Head of Department

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.

Areas of Design and Visual Communication are:

- Visual Communication
(Generating design ideas, Computer modelling and drawing, Working drawings)
- Spatial Design
(Interior/Exterior Building Layouts, Landscaping, etc)
- Product Design
(Mechanisms, Product Design, etc)

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.

Level 1

ENTRY REQUIREMENTS: Study of this subject at Year 10 is preferred, particularly if you intend to do the Digital Technologies Media class. A Beginners Class MAY be offered to those who choose this subject for the first time. Please indicate if you would prefer this option.

QUALIFICATION(S): NCEA Level 1

ASSESSMENT: **Digital Technologies Media: 20 credits**
4 Internal Achievement Standards (17 credits)
1 External Achievement Standard (3 credits)
OR
Digital Technologies Programming: 21 credits
4 Internal Achievement Standards (18 credits)
1 External Achievement Standard (3 credits)

COURSE DESCRIPTION:

Digital Technologies Media: This class focuses on using media tools to produce a media outcome. The tools used are Adobe Photoshop and Illustrator. Microsoft Word and Microsoft Access are also used.

Digital Technologies Programming: This class focuses on **CODING**, using PYTHON as its programming language, HTML/CSS for website design and development, documenting the design and development process of digital outcomes using Google Docs and Slides. Human Computer Interaction and some basic computer science concepts such as search and sorting algorithms is covered.

Note: When choosing this subject please be very specific as to whether it is MEDIA or PROGRAMMING, or BEGINNERS.

Level 2

ENTRY REQUIREMENTS: Study of this subject at Level 1 is preferred, particularly if you intend to do the Digital Technologies Media class.

PRE-REQUISITES: At discretion of Teacher in Charge Digital Technologies

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: **Digital Technologies Media: 20 credits**
4 Internal Achievement Standards (17 credits)
1 External Achievement Standard (3 credits)
OR
Digital Technologies Programming: 23 credits
4 Internal Achievement Standards (20 credits)
1 External Achievement Standard (3 credits)

COURSE DESCRIPTION:

Digital Technologies Media: this class focuses on using advanced media tools using In Design, Illustrator and Photoshop to produce a media outcome. Microsoft Word and Microsoft Access are also used.

Digital Technologies Programming: this class focuses on using Python as its programming language, HTML/CSS for website development including Bootstrap, Databases with PHP and MySQL, documenting the design and development process of digital outcomes using Google Docs and Slides, and also looks at computer science concepts.

When choosing this subject please be very specific as to whether it is MEDIA or PROGRAMMING.

Level 2 Digital Technologies (Beginners)

ENTRY REQUIREMENTS: Open Entry (suit beginners to the subject)

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

ASSESSMENT: Fully internally assessed - 5 Unit Standards (18 credits)

COURSE DESCRIPTION:

This course prepares students to have an understanding of real life business documents.

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

Level 3 Digital Technologies (Beginners)

ENTRY REQUIREMENTS: Open entry but a reasonable computer knowledge is needed.

QUALIFICATION(S): NCEA Level 3 (Unit Standards based)

ASSESSMENT: Fully internally assessed - 4 Unit Standards (18 credits)

COURSE DESCRIPTION:

This course covers Word Processing, Desktop Publishing, Spreadsheet and Database skills in a business situation. Skills in Adobe Photoshop, Illustrator and In Design are also taught.

Level 3 Digital Technologies

ENTRY REQUIREMENTS: Study of this subject at Level 2 is preferred.
Prerequisites:
Media: A suitable standard of work at Level 2
Programming: A suitable standard of work at Level 2
Both will be at discretion of Teacher in Charge Digital Technologies

QUALIFICATION(S): NCEA Level 3

ASSESSMENT: **Digital Technologies Media (20 credits)**
4 Internal Achievement Standards (17 credits)
1 External Achievement Standard (3 credits)
OR
Digital Technologies Programming (26 credits)
5 Internal Achievement Standards (23 credits)
1 External Achievement Standard (3 credits)

COURSE DESCRIPTION:

Digital Technology Media: This class focuses on using complex procedures to produce a digital media outcome using interactive In-Design and relational databases.

Digital Technology Programming: This class focuses on using a programming language of choice, relational databases and some aspects of Computer Science.

When choosing this subject please be very specific as to whether it is MEDIA or PROGRAMMING.

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.

Level 1

ENTRY REQUIREMENTS:	Satisfactory performance in Year 10 Drama or satisfactory Attendance in Year 10. Entry is at the discretion of the Head of Department.
QUALIFICATION(S):	NCEA Level 1
ASSESSMENT:	4 Internal Achievement Standards (17 credits) 1 External Achievement Standard (4 credits)
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. All internal standards require portfolio work to be completed in order for credits to be obtained. No standard is reliant on performance alone. Drama involves group work and working as a team. You must be prepared to undertake this in fairness to others.

Level 2

ENTRY REQUIREMENTS:	At least 12 credits in English NCEA Level 1 and/or 12 credits in Drama NCEA Level 1. A satisfactory attendance record from Level 1. Entry is at the discretion of the Head of Department.
QUALIFICATION(S):	NCEA Level 2
ASSESSMENT:	4 Internal Achievement Standards (16 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

UE LITERACY: 1 External Achievement Standard (4 credits)
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.

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.

Level 1

ENTRY REQUIREMENTS: None

QUALIFICATION(S): NCEA Level 1

ASSESSMENT: 2 Internal Achievement Standards (8 credits)
3 External Achievement Standards (12 credits)

COST: Students will be asked to purchase write-on workbooks at a cost of around \$35 and will have the option of different levels of access to a web based resource at a cost of up to \$15

COURSE DESCRIPTION

The course aims to develop an understanding of why and how people as individuals and groups choose to make the best use of their scarce resources in the context of the NZ economy.

The course is divided into three sections:

- Consumers' Decisions
- Producers' Decisions
- The Market

Students will develop their thinking, investigative, analytical and decision-making skills.

Level 2

ENTRY REQUIREMENTS: Entry to Level 2 Economics is at the discretion of the teacher in charge. Because of the challenging nature of the subject, those students with Achievement Standards 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 (6 credits)
Writing (12 credits)

COST: Students will be asked to purchase write-on workbooks at a cost of around \$35 and will have the option of different levels of access to a web based resource at a cost of up to \$15

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 and will have the option of different levels of access to a web based resource at a cost of up to \$15

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.

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

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 Level 1 and Tertiary study.

Level 1 English A

ENTRY REQUIREMENTS:	Year 10 English Course or at the discretion of the Head of Department
QUALIFICATION(S):	NCEA Level 1
ASSESSMENT:	4 Internal Achievement Standards (13 credits) 2 External Achievement Standards (8 credits)
COST:	Possible extra costs for trips, theatre visits, visiting speakers, competitions

COURSE DESCRIPTION:

This course continues on from Year 10 and is based at Level 6 of the curriculum. Students study a range of literature both independently and in class. They will appreciate the usage and effects of language in a range of oral, visual and written texts. Students will derive and create meaning from listening, reading, viewing, speaking, writing and presenting activities.

Level 1 English B

ENTRY REQUIREMENTS:	Year 10 English Course or at the discretion of the Head of Department
QUALIFICATION(S):	NCEA Level 1
ASSESSMENT:	4 Internal Achievement Standards (13 credits) 2 External Achievement Standards (8 credits)

COURSE DESCRIPTION:

Students in this course gain the majority of their credits from internally assessed Achievement Standards. The texts studied are at Level 6 of the curriculum and as with the 11 English A course, students must work independently in studying a range of texts from oral, visual and written sources.

English Senior Literacy

ENTRY REQUIREMENTS:	Year 10 Course or at the discretion of the Head of Department.
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 international 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

ENTRY REQUIREMENTS: At least 15 credits in NCEA Level 1. This must include at least one writing and one reading standard and two external standards. One must be at Merit level. It is also at the discretion of the Head of Department.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 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 that of Level 1 at Level 7 of the curriculum. The texts and language studied is more demanding than at Level 1. Success in this course is determined by fluent writing, perceptive reading and independent learning.

Level 2 English B

ENTRY REQUIREMENTS: Level 1 English or at the discretion of the Head of Department.

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 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 3 English A

ENTRY REQUIREMENTS: 17 Credits in NCEA Level 2 English or at the discretion of the Head of Department. Students must have achieved at Merit or above in at least ONE External Standard and Achievement Standard 91101 Produce a selection of crafted and controlled writing.

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

ASSESSMENT: 3 Internal Achievement Standards (13 credits)
2 External Achievement Standards (8 credits)

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

COURSE DESCRIPTION:

A prescribed course based on the Language Strands of the English Curriculum. It involves studying at least two set texts. Students will construct and deliver an oral presentation and a writing portfolio.

Level 3 English B

ENTRY REQUIREMENTS: 10 credits in NCEA Level 2. One must be an external standard and Achievement Standard 91101 Produce a selection of crafted and controlled writing or at the discretion of the Head of Department.

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 is an internally assessed course. Students must be able to read and understand Level 8 texts. They are expected to independently research a language topic and write fluent literary essays. Shakespeare is not studied in this course. There may be an opportunity for an external assessment at the discretion of the Head of Department.

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.

Level 1

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

QUALIFICATION(S): NCEA Level 1

ASSESSMENT: English Language Unit Standards Levels 1 and 2

COURSE DESCRIPTION:

The course uses a communicative approach to develop the listening, speaking, reading and writing skills of those students for whom English is a second language. Opportunities are given for interaction in a variety of social, academic and cultural settings in order to help students become confident communicators.

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.

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.

Level 1

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

QUALIFICATIONS: NCEA Level 1

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

COST: \$20 for take home materials

COURSE DESCRIPTION:

Students will model the practices of Fashion Designers as they explore solutions to a design brief. The major unit of work involves students developing and making an outfit for themselves and presenting a visual diary which sets out the planning and development of their design ideas.

Note: Students at Level 1 intending to study Fashion and Design **and** Technology Hard Materials need to first discuss this with the Heads of Departments.

Level 2

ENTRY REQUIREMENTS: Level 1 Fashion and Design with a minimum of 10 credits 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. Sustainable practices used in design is the focus of the report for external submission.

Note: Students at Level 2 intending to study Fashion and Design **and** Technology Hard Materials need to first discuss this with the Heads of Departments.

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
(4 reading) 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.

Note: Students at Level 3 intending to study Fashion and Design **and** Technology Hard Materials need to first discuss this with the Heads of Departments.

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.

Level 1

ENTRY REQUIREMENTS:	Open
QUALIFICATIONS:	NCEA Level 1
ASSESSMENT:	3 Internal Achievement Standards (15 credits) 1 External Achievement Standards (4 credits)
COST:	\$120 per year for consumable food

COURSE DESCRIPTION:
Four topics are studied.

Food safety - when handling food and preparing meals

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

Social influences - 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:	2 Internals and 1 External from Level 1 Food and Nutrition or Head of Department Approval
QUALIFICATIONS:	NCEA Level 2
ASSESSMENT:	3 Internal Achievement Standards (14 credits) 1 External Achievement Standard (4 credits)
UE LITERACY:	Writing (4 credits)
COST:	\$120 per year for consumable food

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 relevant to young people engaging in high performance sport, or 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 Processing Technology: Students will develop a food product through testing and trialling.

Sustainable Food Practices: Students will develop a food product through testing and trialling.

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)

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

UE Literacy: Reading (15 credits)
Writing (4 credits)

COST: \$90 per year for consumable food

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

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.

Level 1

ENTRY REQUIREMENTS: Year 10 French

QUALIFICATION(S): NCEA Level 1
Level 2 ALC Exam (optional)
Alliance Française Speaking Competition (optional)

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

COURSE DESCRIPTION:

The aims are to understand, speak, read and write simple French. We cover a variety of topics which continues on from Year 9 and 10. Topics include travel, health, explaining problems, school life, Paris and food. There is a prescription list of vocabulary and grammar to be covered.

Level 2

ENTRY REQUIREMENTS: 3 NCEA Level 1 French Achievement Standards including at least one External Achievement Standard

QUALIFICATION(S): NCEA Level 2
Level 3 ALC Exam (optional)
Alliance Française Speaking Competition (optional)

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

COURSE DESCRIPTION:

This is a combined course with Level 3 focusing on all four skills in preparation for the NCEA assessments; reading, writing, listening and speaking. There is a set list of vocabulary and grammar. The topics studied include Future plans, French speaking places and Film Study.

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)
Alliance Française Speaking Competition (optional)

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

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.

GEOGRAPHY

Geography attempts to answer many of our social and physical bewilderments by integrating science and human behavioural patterns. Geography tries to make sense of human and environmental interactions for the present and future good of our world.

Level 1

ENTRY REQUIREMENTS: None

QUALIFICATION(S): NCEA Level 1

ASSESSMENT: 4 Internal Achievement Standards (13 credits)
2 External Achievement Standards (8 credits)

COST: Optional. Field Trip to Arrowtown Price to be confirmed

COURSE DESCRIPTION:

The Level 1 course develops an understanding of the physical and man-made environments of some parts of the world and changes taking place in them.

This study should appeal to you if you have enjoyed Social Studies because, again, in Geography the focus is largely on people.

You study the following topics.

- Extreme Natural Events
- Geographic skills

Level 2

ENTRY REQUIREMENTS:	At the discretion of the Head of Department
QUALIFICATION(S):	NCEA Level 2
ASSESSMENT:	4 Internal Achievement Standards (14 credits) 2 External Achievement Standards (8 credits)
UE LITERACY:	Reading (4 credits) Writing (4 credits)
COST:	Optional. Field Trip to Mt Cook Price to be confirmed

COURSE DESCRIPTION:

Level 2 Geography extends the ideas developed at Level 1 and provides a foundation for Level 3 studies. Although it is desirable for a student to have completed a Level 1 course, it is quite possible to take Geography for the first time at this level.

Topics covered at this level are:

- Skills
- Natural Landscapes - Mackenzie Basin
- Urban Patterns
- Global Topic
- Contemporary Geographic Issues
- Geographic Research

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:	4 Internal Achievement Standards (14 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:

You do not need to have taken Geography previously. It is, however, preferable to have done so as the course at this level is demanding in terms of content and student time.

The topics studied are:

- (i) Cultural Processes - Tourism in Queenstown
- (ii) Geographic Skills

There are four internally assessed assignments spread throughout the year.

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.

Level 1

ENTRY REQUIREMENTS:	None
QUALIFICATION(S):	NCEA Level 1
ASSESSMENT:	3 Internal Achievement Standards (18 credits) 1 External Achievement Standard (4 credits)

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 follow technological practice, enabling them to produce innovative solutions encompassing processes and materials from all areas of the workshop.

Note: Students at Level 1 intending to study Technology Hard Materials **and** Fashion and Design need to first discuss this with the Heads of Departments.

Level 2

ENTRY REQUIREMENTS:	Completed Hard Materials Design Level 1 Course or at the discretion of the Head of Department
QUALIFICATION(S):	NCEA Level 2
ASSESSMENT:	3 Internal achievement standards (18 credits) 1 External achievement standard (4 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 Level 1. Students will select a suitable client issue and then use their understanding of technological practice to produce innovative solutions to these issues. This will be achieved through detailed planning and a comprehensive design process. Students need to undertake an enquiring approach and thoroughly investigate all processes and people involved at school, home and throughout the community to aid them in producing a solution.

Note: Students at Level 2 intending to study Technology Hard Materials **and** Fashion and Design need to first discuss this with the Heads of Departments.

Level 3

ENTRY REQUIREMENTS:	Completed Hard Materials Design Level 2 Course or at the discretion of the Head of Department
QUALIFICATION(S):	NCEA Level 3 (UE Approved)
ASSESSMENT:	2 Internal achievement standards (12 credits) 1 External achievement standard (4 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 Levels 1 and 2. Students will select a suitable client issue and then use their understanding of technological practice to produce innovative solutions to these issues. This will be achieved through detailed planning and a comprehensive design process. Students need to undertake an enquiring approach and thoroughly investigate all processes and people involved at school, home and throughout the community to aid them in producing a solution.

Note: Students at Level 3 intending to study Technology Hard Materials **and** Fashion and Design need to first discuss this with the Heads of Departments.

HARD MATERIALS TRADE

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

Level 1

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

QUALIFICATION(S): NCEA Level 1

ASSESSMENT: 1 Internal Achievement Standard (6 credits)
 2 Unit Standards (14 credits)

COURSE DESCRIPTION:

A practical based course which will allow students to gain skills and Unit Standards 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 any of the following subjects: Woodwork and Furniture Making, Building and Construction and Mechanical Engineering

Level 3

ENTRY REQUIREMENTS: None. Students will find it advantageous to have completed a Technical course at Year 11 or Year 12.

QUALIFICATIONS: NCEA Level 3

ASSESSMENT: Unit Standards (12 -16 credits)

COST: Cost of materials used in take home projects (approximately \$160)
 \$10 ITO Course Fee

COURSE DESCRIPTION:

This course is suitable for students who want to increase their knowledge of Engineering and/or Furniture Making. They will have the opportunity to further develop their practical skills through creation of quality projects.

Topics covered during the course include:

- Create 3 dimensional Engineering models using CAD Software
- Fit drawers to traditional cabinet
- Fit doors to Cabinet using adjustable hinges

HEALTH AND 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. It is a 'must do' subject for all students. If you enjoy Health and/or Physical Education, here is a chance to make it count towards your NCEA Level 1.

Level 1

ENTRY REQUIREMENTS:	None
QUALIFICATION(S):	NCEA Level 1
ASSESSMENT:	6 Internal Achievement Standards (23 credits) 1 External Achievement Standard (4 credits)
COST:	Approximately \$30 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 NCEA Level 1. It is suitable for those looking for a people oriented career pathway. Increasingly there are more job opportunities appearing in the health sector such as guidance, social work, occupational therapy and nursing.

Level 2

ENTRY REQUIREMENTS:	It is strongly recommended that you have two of the three Health Achievement Standards from NCEA Level 1 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 Level 1 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 NCEA Level 1).

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/Research this subject is essential.

Level 1

ENTRY REQUIREMENTS: An interest in people, society and the world around you, both past and present. A reasonable level of proficiency in reading and writing. Year 10 Social Studies exam results will be taken into account.

QUALIFICATION(S): NCEA Level 1

ASSESSMENT: 3 Internal Achievement Standards (12 credits)
2 External Achievement Standards (8 credits)

COURSE DESCRIPTION:

The topics studied at Year 11 are designed to help you develop a passion for this wonderful subject. They include a mix of overseas and New Zealand based topics, and 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 (4 credits)
- Communication of the historical research topic (4 credits)
- Demonstration of understanding of different perspectives of an historical event (4 credits)

There are two External Achievement Standards:

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

Level 2

ENTRY REQUIREMENTS: 12 Credits in NCEA Level 1 History or Geography (must include at least one external Achievement Standard)
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)

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.

Level 1

ENTRY REQUIREMENTS: Year 10 Japanese

QUALIFICATION(S): NCEA Level 1
Level 1 ALC Exam (optional)

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

COURSE DESCRIPTION:

Using the knowledge gained in Year 9 and 10, this course will cover more vocabulary, sentence structures and kanji. This course is open to any student who has completed Year 10 Japanese. However an average or better achievement in Year 10 is advisable as NCEA Level 1 Japanese requires a good knowledge of Year 9, 10 and 11 material.

Level 2

ENTRY REQUIREMENTS: 3 NCEA Level 1 Japanese Achievement Standards including at least one External Achievement Standard

QUALIFICATION(S): NCEA Level 2
Level 2 ALC Exam (optional)

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

COURSE DESCRIPTION:

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

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)
Level 3 ALC Exam (optional)

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

COURSE DESCRIPTION:

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

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, Powhiri, Kapa Haka.
- Improve career prospects in education, health, social services, indigenous private sector, tourism, law, politics, ministerial work.

Level 1

ENTRY REQUIREMENTS: Year 10 Te Reo Māori

QUALIFICATION(S): NCEA Level 1

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

LEVEL 1 LITERACY: 18 credits

COURSE DESCRIPTION:

This course continues to build on the language studied at Year 9 and 10 level. The prescription is in two components to ensure the four basic skills of language - reading, writing, listening and speaking are covered.

The writing component places emphasis on students' ability to express their ideas creatively and is both externally and internally examined. The reading component places emphasis on comprehension and is externally assessed. The speaking component is internally assessed.

Level 2

ENTRY REQUIREMENTS: 2 Māori NCEA Level 1 Achievement Standards including at least one External Achievement Standard

QUALIFICATION(S): NCEA Level 2

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

LEVEL 1 LITERACY: 18 credits

COURSE DESCRIPTION:

We aim for students being able to demonstrate their

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

Level 3

ENTRY REQUIREMENTS: 2 Māori NCEA Level 2 Achievement Standards including at least 1 External Achievement Standard

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

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

LEVEL 1 LITERACY: 18 credits

COURSE DESCRIPTION:

We aim for students being able to demonstrate their ability to

- speak Māori confidently and appropriately
- comprehend written 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 Māori accurately and appropriately

MATHEMATICS A

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 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.

Level 1

ENTRY REQUIREMENTS: A reasonable standard of Mathematics reached in Year 10

QUALIFICATION(S): NCEA Level 1
ASSESSMENT: MXT 3 Internal Achievement Standards (11 credits)
3 External Achievement Standards (12 credits)
MXG 3 Internal Achievement Standards (11 credits)
3 External Achievement Standards (12 credits)

COST: Write on workbooks approximately \$30

COURSE DESCRIPTION:

Many of the topics that have been met in Year 10 are continued. Algebra, geometry and trigonometry are developed further, along with statistics. There is an emphasis on applications, information processing and the communication of mathematical ideas. Regular homework is set. A graphics calculator is recommended.

Level 2

ENTRY REQUIREMENTS: At least 16 credits from the Level 1 Mathematics Achievement Standards course, with Merit or Excellence in two of the following three Achievement Standards and achieved in the third Achievement Standard:
91027 Algebra (CAT)
91031 Geometry Reasoning
91029 Linear Algebra
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 2

ASSESSMENT: 3 External Achievement Standards (13 credits)
3 Internal Achievement Standards (9 credits)

COST: Write on workbooks approximately \$30

COURSE DESCRIPTION:

The content builds on that of Level 1. Algebra, graphs, trigonometry and probability are all extended. Calculus, a powerful mathematical tool, is introduced. Homework is set regularly. It is necessary to have a graphics calculator. Success in this course will enable students to study Calculus or Statistics.

MATHEMATICS G

Level 2

ENTRY REQUIREMENTS: At least 16 credits from the Level 1 Mathematics Achievement Standards course including at least two of:
91027 Algebra (CAT)
91031 Geometry Reasoning
91029 Linear Algebra

QUALIFICATION(S): NCEA Level 2

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

COST: Write on workbooks approximately \$30

COURSE DESCRIPTION:

The level of course is very similar to that of the Mathematics A course but the level of Algebra is not as challenging. Students taking this course are required to have a graphics calculator. Success in this course leads to Level 3 subject Statistics.

MATHEMATICS B

All Year 11 students must study a Mathematics course. For University Entrance and a National Certificate to be awarded, a student must gain at least 10 credits in Mathematics from Achievement or Numeracy Standards to satisfy the numeracy requirements.

Level 1

ENTRY REQUIREMENTS: Recommendation by Head of Department based on performance in Year 10 Mathematics
QUALIFICATION(S): NCEA Level 1

ASSESSMENT: 6 Internal Achievement Standards (20 credits)
1 External Achievement Standard (4 credits)

COST: Write on workbooks approximately \$15

COURSE DESCRIPTION:
Many of the topics met in Year 10 are continued. Statistics, trigonometry and number are developed further.

The level of Mathematics is less demanding than that of the Mathematics A course but more challenging than the Mathematics N course. It is essential to have a scientific calculator. Success at this level leads to the Level 2 Mathematics B course.

Level 2

ENTRY REQUIREMENTS: At least 14 Credits from the Level 1 Mathematics Achievement Standards course including 91037 Chance and Data and 91035 Multivariate Data

QUALIFICATION(S): NCEA Level 2

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

COST: Write on workbooks approximately \$20

COURSE DESCRIPTION:
The content builds on that of Level 1. The level of Mathematics is less demanding than that of the Mathematics A course. Some of the topics may include:

- Co-ordinate Geometry
- Trigonometry
- Algebra
- Probability

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.

MATHEMATICS N

This course is designed for those students who would find a full Achievement Standards course too challenging. For a National Certificate to be awarded, a student must gain at least 10 credits in the Numeracy Standards to satisfy the numeracy requirement of the NCEA.

Level 1

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

QUALIFICATION(S): NCEA Level 1

ASSESSMENT: 3 Internal Unit Standards (10 credits)
1 Internal Achievement Standard (2 credits)

COURSE DESCRIPTION:

This course deals with the familiar strands of Mathematics: Number, Geometry, Measurement, Statistics and Probability. The level of Mathematics is less demanding than that of the full Achievement Standards course. It is essential to have a calculator.

MATHEMATICS AND FINANCE

This course is designed for students who would find a full Level 2 Mathematics Achievement Standards course too challenging.

Level 2

ENTRY REQUIREMENTS: At least 11 credits from the Level 1 Mathematics Achievement Standards or recommendation by Head of Department based on performance in Year 11 Mathematics

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: 4 Internal Mathematics Achievement Standards (Level 2) (9 credits)
2 Unit Standards Core Generic Personal Financial Management (Level 2) (6 credits)

COURSE DESCRIPTION: The course content involves Networks, Simulations, Sequences & Series and Trigonometry from the Mathematics domain. Budgeting and Investments would be covered from the personal financial management domain. It is essential to have a scientific calculator.

COST: Write on workbooks approximately \$12

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 A. Students who do both subjects must have a genuine interest in Mathematics.

Level 3

ENTRY REQUIREMENTS: The Achievement Standards credited must include:
91262 Calculus
and at least two of:
91261 Algebra
91269 Simultaneous Equations
91259 Trigonometry
At least three Merit or Excellence grades in any of the above 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)

ASSESSMENT: 2 Internal Achievement Standards (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 necessary 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 A

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

ENTRY REQUIREMENTS: A minimum of 14 credits in Level 2 Mathematics Achievement Standards.

The Achievement Standards credited should include:

- 91261 Algebra
- 91267 Probability
- 91269 Systems of Equations

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)

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

COST: Write on workbooks approximately \$30

COURSE DESCRIPTION:

Four of the six Achievement Standards are made up of probability and statistics topics. It is necessary to have a graphics calculator.

STATISTICS B

This is a subject for students who need Mathematics to support their studies in biological health and social sciences, commerce, and any field where the collection and interpretation of data is important. The course content is similar to that in Statistics A.

It is essential that students in this course have an interest in studying Mathematics.

Level 3

ENTRY REQUIREMENTS: Approximately 11 credits in Level 2 Achievement Standards or the approval of the Head of Department.

The Achievement Standards credited must include:

- 91267 Probability
- 91269 Systems of Equations

The 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

ASSESSMENT: 5 Internal Achievement Standards (18 credits)
1 External Achievement Standard (4 credits)

COST: Write on workbooks approximately \$15

COURSE DESCRIPTION:

This course is a combination of Statistics and Mathematics. It is necessary to have a graphics calculator.

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 (16 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
- Measuring and marking out tools

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.

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.

Level 1

ENTRY REQUIREMENTS:	Year 10 English with at least Level 5 Merits in Formal Writing, Close Reading and Visual Presentation
QUALIFICATION(S):	NCEA Level 1
ASSESSMENT:	4 Internal Assessments (16 credits) 1 External Achievement Standards (4 credits)

This course offers an overview of the media, how it works and the role it plays in our lives today. It includes both theory-based and practical work.

Course content includes:

- Examining how individuals interact with the media
- Analysing film techniques
- Analysing characteristics of a film genre (e.g. disaster, superhero, teen films)
- Planning and producing a short film
- Writing media texts

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 2

ENTRY REQUIREMENTS:	Priority entry will be given to students who have completed Level 1 Media Studies (with 13 Achievement Standard credits including 1.5). 18 Level 1 Achievement Standard English credits and at the discretion of the Teacher in Charge.
QUALIFICATION(S):	NCEA Level 2
ASSESSMENT:	4 Internal Achievement Standards (16 credits) 1 External Achievement Standard (4 credits)
UE LITERACY:	Reading/Writing (4 credits)

This course continues on from Level 1 Media Studies and continues to build on media knowledge and analysis. It is both a theory-based and practical subject.

Course content includes:

- Ethical issues in the media
- Narrative conventions of film
- Analysing representations in the media
- Close reading of film techniques
- Designing and producing a short film
- Examining the change in a 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. 15 Level 2 English Achievement Standards 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 includes:

- Researching a development in the media.
- Analysing the relationship between genre and a society.
- Planning, filming and creating a short film.
- 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.

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.

Level 1

ENTRY REQUIREMENTS: It is preferable that students have taken option Music at Years 9 and 10. If students are wishing to enter at Level 1, they are strongly encouraged to discuss the course with the Head of Department to ensure their suitability.

QUALIFICATIONS: NCEA Level 1

ASSESSMENT: 4 Internal Achievement Standards offered (22 credits).
2 Unit Standards offered (6 credits), one of which counts towards endorsement as it can be achieved with Merit or Excellence (4 credits).
2 External Achievement Standards offered (8 credits).
Students complete 5 compulsory internal assessments (22 credits) and can elect to complete additional optional internal assessments (up to 6 credits) in a specialist pathway of interest. Students select external assessments to cater to their individual needs under the guidance of their teacher.

COST: Hire of instrument/s (if required) for Itinerant Music lessons - approximately \$70

COURSE DESCRIPTION:

Year 11 Music is concerned with assisting students to enhance their understanding of Music and further develop skills learned in the junior years. Students will study a core of Achievement Standards but there will be the opportunity to choose areas that best suit their interests and skills. This course complements the extra curricular activities offered. Course content includes:

- Performance (solo and group).
- Analysing music works.
- Music technology software.
- Live sound – audio technology.
- Composition/songwriting.
- Score reading.
- Aural.

As part of this course you must be taking regular lessons for your chosen performance instrument or singing (either privately, or through the Itinerant Music Scheme) as performance is a large component of the course.

Level 2

ENTRY REQUIREMENTS: It is preferable that students have completed 14 credits or more at Level 1. If students are wishing to enter at Level 2, they are strongly encouraged to discuss the course with the Head of Department to ensure their suitability.

QUALIFICATIONS: NCEA Level 2 Achievement

ASSESSMENT: Choice of 6 Internal Achievement Standards offered (27 credits).
Choice of 3 Unit Standards offered (11 credits) - these also count towards endorsement as they can be achieved with Merit or Excellence.
3 External Achievement Standards offered (14 credits).
Students may “mix and match” Achievement and Unit Standards to achieve a course that caters to their individual requirements, under the guidance of their teacher.

COST: Hire of instrument/s (if required) for Itinerant Music lessons approximately \$70

COURSE DESCRIPTION:

Year 12 Music is concerned with assisting students to enhance their understanding of Music, further develop skills learned in Year 11, and complement the extra curricular activities offered. Course content options include:

- Solo Performance (1st and 2nd instrument).
- Group Performance.
- NZ Music Research.
- Music technology software.
- Live sound – audio technology.
- Composition/songwriting.
- Instrumentation.
- Analysing Music Works.
- Score reading.
- Aural.

As part of this course you must be taking regular lessons for your chosen performance instrument or singing (either privately, or through the Itinerant Music Scheme) as performance is a large component of the course. The course is flexible with optional Achievement Standards offered so students can specialise in additional pathways of interest.

Level 3

ENTRY REQUIREMENTS: It is preferable that students have completed 14 credits or more at Level 2. If students are wishing to enter at Level 3, they are strongly encouraged to discuss the course with the Head of Department to ensure their suitability.

QUALIFICATIONS: NCEA Level 3 (UE Approved – Achievement Standards only)

ASSESSMENT: Choice of 8 Internal Achievement Standards offered (46 credits).
Choice of 3 Unit Standards offered (17 credits) - these also count towards endorsement as they can be achieved with Merit or Excellence. However, Unit Standards do not count towards University Entrance.
3 External Achievement Standards offered (12 credits).
Students may “mix and match” Achievement and Unit Standards to achieve a course that caters to their individual requirements, under the guidance of their teacher.

COST: Hire of instrument/s (if required) for Itinerant Music lessons approximately \$70

COURSE DESCRIPTION:

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

- Solo Performance (1st and 2nd instrument).
- Group Performance.
- Music Research.
- Music technology software.
- Live sound – audio technology.
- Composition.
- Songwriting.
- Arranging.
- Analysing Music Works.
- Score reading.
- Aural.

As part of this course you must be taking regular lessons for your chosen performance instrument or singing (either privately, or through the Itinerant Music Scheme) as performance is a large component of the course. The course is flexible with optional Achievement Standards offered so students can specialise in additional pathways of interest.

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:	\$1,250 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
- Mountainbiking

PRIMARY INDUSTRIES and AGRICULTURAL / HORTICULTURAL SCIENCE

Agricultural and Horticultural Science enables students to gain skills in both the practical and scientific concepts relating to primary industries. The course provides for careers in both practical farming and horticulture as well as commerce, applied science and other study at tertiary level. Level 3 Agricultural and Horticultural Science is a university entrance subject.

Year 11 Primary Industries Trades Academy

The Trades Academy Primary Industry Skills programme aims to ensure that at the end of the two years of study, learners have a combination of practical skills and theoretical knowledge that will enable them to continue to make informed choices about their career options in the primary industry.

The programme provides learners with transferable skills in literacy and numeracy and instils work-ready skills through practical training opportunities in realistic working environments. Students can gain the New Zealand Certificate in Primary Industry Skills (Level 2)

ENTRY REQUIREMENTS:	Preference is given to students who have studied Agriculture/ Horticulture in Years 9 and 10. However, there is the possibility that students may be allowed to join the course in Year 11 after consultation with the Teacher in Charge
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ASSESSMENT:

- The course allows for a maximum of 21 credits to be gained.
- All unit standards are internally assessed using Primary ITO assessments and where relevant, work diaries
- The Trades Academy programme of study is done over 2 years, being 40 credits in total. There is one compulsory assessment standard 31656 - Demonstrate knowledge of safe work practices in a primary industry operation.

COURSE DESCRIPTION:

The Year 11 course takes Unit Standards from the Trades Academy Primary Industries Skills programme. The course will include:

- New Zealand primary sectors and industries
- Safe work practices in a primary industry operation
- Knowledge of soils and fertiliser
- Electric fencing

Year 12 Primary Industries Trades Academy

ENTRY REQUIREMENTS:

Preference is given to students who have studied Primary Industries at Level 1. However, there is the possibility that students may be allowed to join the course at Level 2 after consultation with the Teacher in Charge and the class teacher.

ASSESSMENT:

- The course allows for a maximum of 21 credits to be gained.
- All unit standards are internally assessed using Primary ITO assessments and where relevant, work diaries and observation of practical activities
- Students will be required to complete all assessment tasks and written work to the required standard, and to complete tasks in a timely manner. There is an expectation that students will complete tasks such as readings and report writing in their own time.

COURSE DESCRIPTION:

The Year 12 course takes Unit Standards from the Trades Academy Primary Industries Skills programme.

One day per week is work experience away from school. Students will be supported to find work experience placement in the primary sector e.g. farming, rural retail, seafood, forestry, horticulture

The course will include:

- Identify and maintain fencing tools
- Using fence wire: using wire dispenser, tie knots, joining wire
- Use, maintain and store agricultural personal protective equipment
- Weather and Climate
- Weed control

Year 13 Agricultural and Horticultural Science

Level 3 Agricultural and Horticultural Science can provide a background for a career in Agriculture, Horticulture, Commerce or Management.

For students from Year 12 Primary Industries, it changes focus from a vocational training perspective to an economic, marketing and applied science focus.

ENTRY REQUIREMENTS:

Can be taken for the first time if students have a background in Science, Economics or Business Studies and at the discretion of the Head of Department.

QUALIFICATION(S):

Level 3 NCEA (UE Approved)

ASSESSMENT:

3 Internal Achievement Standards (14 credits)
1 External Achievement Standards (5 credits)

COURSE DESCRIPTION:

- Carry out an investigation into an aspect of a New Zealand primary product or its production
- Research and report on the impact of factors on the profitability of a New Zealand primary product
- Analyse future proofing strategies to ensure long term viability of a business
- Analyse a New Zealand primary production environmental issue

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: 14 or more credits from Health and Physical Education NCEA Level 1. AS90953 (PE 1.2) is considered essential.
At the discretion of the Head of Department Physical Education with good supporting grades in NCEA Level 1 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 up to \$120. 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
- Sports Practicals (there will be two practical activities in 2022)

Level 3

ENTRY REQUIREMENTS: 12 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 23 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.

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: Recommended 9 credits or more from Level One Science OR at discretion of Teacher in Charge. A pass in 90935 will be an advantage.

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 \$25

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.

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 \$27

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 Level 1 course allows entry into Year 12 Biology, Chemistry, Physics and Science.

There are three courses available in Level 1 Science. Each course is assessed differently using a combination of Achievement Standards.

Level 1

In 2022 all courses will be trailing new material offered in NCEA Level 1 but this will not affect assessment. There are three courses offered in Level 1 Science. Talk to your teacher for advice on which one is most suited for you.

ENTRY REQUIREMENTS: No requirements

QUALIFICATION(S): Level 1 NCEA

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 already know they do not want to go to university but who may want to consider a future in careers such as electricians, plumbers, engineers, veterinary nursing, hairdressing, beauty therapy, hospitality, catering and so on.

Assessment: 5 Internal Achievement Standards (20 Credits)

11 Science MacDiarmid Course:

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

COST: Write on workbooks approximate cost \$11

ASSESSMENT: 4 Internal Achievement Standards
1 External Achievement Standard (20 Credits)

11 Science Wiffen Course:

This course is also designed for students who intend to study Biology, Chemistry or Physics and may wish to study at University. This course has more externally assessed credits.

COST: Write on workbooks approximate cost \$24

ASSESSMENT: 3 Internal Achievement Standards
2 External Achievement Standards (20 Credits)

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: Recommended 9 Credits from Level 1 Science OR at discretion of the Head of Department

QUALIFICATION(S): NCEA Level 2

ASSESSMENT: Up to 5 Internal Achievement Standards (a minimum of 14 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 8 Credits from Level 2 Science (or individual sciences) OR at discretion of the Head of Department

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

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

ASSESSMENT: Up to 5 Internal Achievement Standards (a minimum of 15 credits)

COURSE DESCRIPTION:

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

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.

Level 1

ENTRY REQUIREMENTS: Year 10 Spanish

QUALIFICATION(S): NCEA Level 1
Education Perfect Speech Competition (Optional)
Level 1 ALC Exam (Optional)

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

COURSE DESCRIPTION:

The aims are to understand, speak, read and write simple Spanish. A variety of topics are covered leading on from Year 10. Possible areas of learning are health and wellbeing, talking about the past and reading and following recipes. 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.

Level 2

ENTRY REQUIREMENTS: 3 NCEA Level 1 Spanish Achievement Standards including at least one External Achievement Standard

QUALIFICATION(S): NCEA Level 2
Education Perfect Speech Competition (Optional)
Level 2 ALC Exam (Optional)

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

COURSE DESCRIPTION:

Students will continue with their study of Spanish from Level 1 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.

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)
Education Perfect Speech Competition (Optional)

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

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.

TOURISM

This subject is designed to introduce students to the tourism industry and to 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.

ASSESSMENT: Fully internal
Unit Standards (34 credits)

COST: ITO Course Fee \$30

COURSE DESCRIPTION:

- NZ tourism industry and process
- History of tourism
- Tourism destinations
- Customer service
- Personal presentation
- Literacy and calculations

Level 3

ENTRY REQUIREMENTS: None. If you are doing Tourism for the first time you may choose to do Level 2 Tourism. Entry to Level 3 Tourism for students who have failed to complete course requirements at Level 2 will be at the discretion of the Teacher in Charge.

QUALIFICATION(S): Credits can count towards NCEA Level 3

ASSESSMENT: Unit Standards (24 credits)

COST: ITO Course Fee \$30

COURSE DESCRIPTION:

- NZ tourism industry
- Pacific Tourism
- Public Speaking
- Maori Tourism

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, Flating, Personal Development and Social Awareness.

WOODWORK AND FURNITURE MAKING

This course will give students an insight into furniture making techniques using timber, with a focus on hand tools skills. This course could lead to being accepted into many of the timber trade courses in tertiary training.

Level 2

ENTRY REQUIREMENTS: None

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

ASSESSMENT: Unit Standards (16 credits)

COST: Costs of materials used in take home projects (approximately \$140)
\$5 ITO Course fee

COURSE DESCRIPTION:

This practical based course, written in consultation with COMPETENZ (ITO) is designed to give students an introduction to the following areas of furniture making:

- Understanding job specifications
- Selection and use of safety equipment
- Selecting timber for use in furniture making
- Safe use of hand tools and machines
- Measuring and calculation of material quantities
- Construction of furniture articles
- Freehand drawing techniques for use in furniture making

Students will be able to apply their new knowledge and skills while making furniture articles in a workshop environment.

ALTERNATIVE PATHWAYS

Provided by the Careers Department and Southern Institute of Technology

Please note these options require prior application and acceptance BEFORE being listed on the yellow option choice sheets. Students should see staff in the Careers office if they are interested in taking any of these.

GATEWAY

This option is open to students who first apply to Mr S Richardson and are notified of acceptance based on attendance, demonstrated career focus and history of acceptable behaviour.

This subject will give students the chance to explore an occupation in depth, gain relevant credits that could reduce time spent training after leaving school and meet potential employers in their chosen career.

Levels 2 and 3

ENTRY REQUIREMENTS: A motivation to work collaboratively, to explore a specific career option and commitment to catchup on work missed while on Gateway placement one day a week.
Available to students in Year 12 and 13 only.

This course will be offered to a limited number of students. Those interested will be interviewed and required to demonstrate an interest in a particular industry or career and have a proven history of regular attendance and reliability.

QUALIFICATION(S): These will depend on individual placement

ASSESSMENT: All internal Unit Standards

COURSE DESCRIPTION:

Gateway provides the opportunity for students to choose a career and spend one day a week in a workplace gaining work experience as well as working on relevant assessments during that time.

Students taking this option will also attend Gateway classes during which they will do further study towards their chosen career. Because Gateway students will be out of school for one day a week for at least 20 weeks of the year, they will also have the opportunity during this scheduled class time to complete work missed from other subjects while on placement.

STAR

Levels 2 and 3

ENTRY REQUIREMENTS: Application to Careers Department following notices about specific courses being offered – acceptable record of attendance and demonstrable interest in related career pathway

QUALIFICATIONS: Approximately 12 Unit Standard credits

ASSESSMENT: Fully internal and carried out at Southern Institute of Technology.

COST: \$30 per course

COURSE DESCRIPTION:

This is an offering of various courses that can be studied by attending the Southern Institute of Technology for one day a week for ten weeks.

Specific course options are announced at the start of the year and will be advertised by the Careers Department at that point. They are usually in Trades such as Construction and Mechanical but they can also include other options such as Hospitality, Agriculture, Security, Event Management and even outdoor pursuits like Scuba Diving.

Enrolment on one of these courses would be additional to other subjects studied, so students would need to be prepared to catch up on work missed during this time out of school.

TRADES ACADEMY

An ideal way for Year 12 students to begin to transition from school to work or further study.

Level 2

ENTRY REQUIREMENTS: Expressions of interest should be made to Careers Department by the end of Week 4 / Term 4
- acceptable record of attendance and demonstrable interest in related career pathway

QUALIFICATIONS: Approximately 25 Unit Standard credits

ASSESSMENT: Fully internal and carried out at Southern Institute of Technology.

COURSE DESCRIPTION:

This is an offering of various courses that can be studied by attending the Southern Institute of Technology for one day a week throughout the year.

Courses confirmed for 2021 are:

- Auto-Mechanical
- Hospitality - Cafe Bar
- Building - Joinery
- Salon Skills
- Health, Wellbeing, Fitness
- Electrical Engineering

Enrolment on one of these courses would be additional to other subjects studied, so students would need to be prepared to catch up on work missed during this time out of school.

Subject Codes 2022

ACC	Accounting	HMD	Hard Materials Design
ARD	Art Design (Lev 2, 3)	HMT	Hard Materials Trade (Lev 3)
ARM	Art Printmaking (Lev 2, 3)	HMU	Hard Materials Design (Unit Stds)
ARO	Art Photography (Lev 2, 3)	HPE	Health and Phys Ed (NCEA Lev 1)
ARP	Art Painting (Lev 2, 3)	JAP	Japanese
ART	Art (Yr 9, 10, Lev 1)	MAC	Calculus (Lev 3)
ASY	Assembly	MAO	Maori
BCN	Building and Construction (Lev 2)	MAT	Mathematics (Yr 9, 10)
BIO	Biology	MEN	Mechanical Engineering
BUS	Business Education	MED	Media Studies
CHE	Chemistry	MUS	Music Studies
CHD	Child Care & Development (Lev 2)	MXA	Mathematics A (Lev 2)
CLS	Classical Studies	MXB	Mathematics B (Lev 1, 2)
CUL	Culinary Arts	MXF	Mathematics and Finance (Lev 2)
DGB	Digital Technologies (Beginners)	MXG	Mathematics (Lev 1, 2)
DGM	Digital Technologies Media	MXN	Mathematics Numeracy (Lev 1)
DGP	Digital Technologies Programming	MXT	Mathematics (Lev 1)
DGT	Digital Technologies (Year 9, 10)	ODR	Outdoor Education
DRA	Drama	PED	Physical Education
DVC	Design & Visual Communication (Graphics)	PRI	Primary Industries
ECO	Economics	PHY	Physics
ELE	Electronics	SCC	Science Callaghan (Internal)
ENA	English A	SCM	Science (MacDiarmid)
ENB	English B	SCW	Science (Wiffen)
ENL	English Literacy	SCI	Science
ESL	English as a Second Language	STA	Statistics A (Lev 3)
FDN	Fashion and Design	STB	Statistics B (Lev 3)
FNT	Food and Nutrition	SPA	Spanish
FRE	French	STY	Study
GAT	Gateway (Lev 2, 3)	TOU	Tourism
GEO	Geography	TRA	Transition
HEA	Health (Lev 2)	WFM	Woodwork and Furniture Making (Lev 2)
HIS	History		

MULTI LEVEL PLANNER

	LEVEL 1		LEVEL 2		LEVEL 3
Art (Visual Arts)	Art	→	Art Design	→	Art Design
		→	Art Painting	→	Art Painting
		→	Art Photography	→	Art Photography
		→	Art Printmaking	→	Art Printmaking
Commerce	Accounting	→	Accounting	→	Accounting
			Business Studies		
	Digital Technologies (Beginners)	- - - - →	Digital Technologies (Beginners)	- - - - →	Digital Technologies (Beginners)
	Digital Technologies Media	- - - - →	Digital Technologies Media	- - - - →	Digital Technologies Media
	Digital Technologies Programming	- - - - →	Digital Technologies Programming	→	Digital Technologies Programming
	Economics	→	Economics	- - - - →	Economics
Design & Visual Communications	Design & Visual Communication	- - - - →	Design & Visual Communication	- - - - →	Design & Visual Communication
Drama	Drama	- - - - →	Drama	- - - - →	Drama
English	English A	→	English A	→	English A
	English B	→	English B	→	English B
	Media Studies	- - - - →	Media Studies	- - - - →	Media Studies
ESOL	ESOL	- - - - →	ESOL	- - - - →	ESOL
Food and Fabric	Fashion and Design	- - - - →	Fashion and Design	→	Fashion and Design
	Food and Nutrition	- - - - →	Food and Nutrition	- - - - →	Food and Nutrition
	Cullinary Arts	- - - - →	Cullinary Arts	→	Cullinary Arts
			Childcare and Development		
Languages	French	→	French	→	French
	Japanese	→	Japanese	→	Japanese
	Maori	→	Maori	→	Maori
	Spanish	→	Spanish	→	Spanish
Mathematics	Mathematics A	→	Mathematics A	→	Calculus
		→	Mathematics G	→	Statistics A
	Mathematics B	→	Mathematics B	→	Statistics B
	Mathematics N	→	Mathematics & Finance	→	
Music	Music	- - - - →	Music	- - - - →	Music
Physical Education	Health and Physical Education	→	Physical Education	→	Physical Education
		→	Health Education		
Science		→	Biology	→	Biology
	Science MacDiarmid	→	Chemistry	→	Chemistry
	Science Callaghan	→	Physics	→	Physics
	Science Wiffen	→	Science	→	Science
	Primary Industries	- - - - →	Primary Industries	- - - - →	Agriculture & Horticulture
Social Sciences			Classical Studies	- - - - →	Classical Studies
	Geography	- - - - →	Geography	- - - - →	Geography
	History	- - - - →	History	- - - - →	History
			Tourism	- - - - →	Tourism
Hard Materials	Hard Materials Design	→	Hard Materials Design	→	Hard Materials Design
	Hard Materials Trade	- - - - →	Building & Construction	- - - - →	Hard Materials Trade
	Hard Materials Trade	- - - - →	Woodwork & Furniture Making	- - - - →	Hard Materials Trade
	Hard Materials Trade	- - - - →	Mechanical Engineering	- - - - →	Hard Materials Trade
	Hard Materials Trade	- - - - →	Electronics	- - - - →	Hard Materials Trade
Other			Transition Skills		
			Outdoor Education		

KEY: → leads to and is a prerequisite - - - - → leads to but is not a prerequisite

* May be taken by Year 12 students. This is a guide only. See the actual subjects for exact prerequisites.