



YEAR 11 SUBJECTS - 2022

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Art - Digital Media - ADM1

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Level 1 Art Digital Media is a practical course developing skills in drawing and a range of physical media and computer manipulation. Students will use creative development of ideas, critical-thinking about making art to meet a design purpose, and basic photography methods and ideas.

Topics include: Use drawing methods and skills for recording information using wet and dry media. Use drawing conventions to develop work in more than one field of practice. Produce a body of work informed by established practice which develops ideas, using a range of media.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
8	12					Yes
<p>Prerequisites: Successful completion of the Year 10 Art Visual Design Course and approval of the HOF Arts. Where does this lead: Level 2 Photography or Level 2 Art Digital Media Parental Contribution: Approximately \$60 Days out of School: 1</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	22

Art - Painting and Printmaking - ART1

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Level 1 Art is a practical course developing skills in:

- Drawing and a range of media handling;
- Creative development of ideas, and;
- Critical thinking about making art.

Students make art in response to their local environment and culture.

Topics include: Use drawing methods and skills for recording information using wet and dry media. Use drawing conventions to develop work in more than one field of practice. Produce a body of work informed by established practice that develops work in more than one field of practice.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
8	12					Yes
<p>Prerequisites: Successful completion of the Year 10 Art course and approval of the HOF Arts. Where does this lead: Level 2 Art or Level 2 Photography Parental Contribution: Approximately \$20 Days out of School: 1</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	20



Automotive Engineering - AUT1

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This course is designed for students who have a genuine interest in Automotive as a possible career in Mechanical Trades. Students must have demonstrated that they are capable of working safely in a practical environment, as some industrial machines will be used.

The course is a mixture of practical and theory lessons and assessments. These cover a range of introductory areas such as workshop safety, wheel changing, electrical circuit testing, the location and function of vehicle components and system, engine servicing and engineering related to the automotive industry. All credits are Unit Standards.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
24						No
<p>Prerequisites: Successful completion of the Year 10 Materials Technology Engineering Course or approval of the Teacher in Charge. Where does this lead: Level 2 Automotive Engineering Parental Contribution: Additional project costs Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
2	22	3				

Biochemistry Science - BCE1

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This course is designed for students who wish to improve their knowledge and understanding of Biology and Chemistry and possibly have careers that involve these science disciplines. It is an introduction to basic biochemistry phenomena.

Topics include: Carry out a practical investigation in a biological context. Demonstrate understanding of biological ideas relating to micro-organisms. Demonstrate an understanding of aspects of acids and bases. Demonstrate understanding of biological ideas relating to genetic variation. Carry out a practical chemistry investigation, with direction.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	8	16	4			Yes
<p>Prerequisites: Satisfactory completion of Year 10 Science and teacher recommendation. Students cannot select SCP1 as well as BCE1 or SC11. Students from 10SCA should not select this course. Where does this lead: Level 2 Biology and Level 2 Chemistry Parental Contribution: Student Workbook \$25 (approximately) Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
12	20	20	8	16	8	



Business Studies - BUS1

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In Business Studies, students develop their understanding of business theory and practices in a range of relevant contexts. Studying business contributes to the development of a culture of expertise in New Zealand and supports our efforts to improve economic and community well-being.

Studying business enables students to appreciate the issues that challenge businesses and stakeholders. In a rapidly changing world, it is important that citizens are able to make informed decisions about business matters. Students will also run their own business.

Topics include: Internal features of business. External factors impacting business success. The marketing mix. Human Resources. Business Activity.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	8	20				Yes
Prerequisites: Satisfactory Completion of Year 10 English and Mathematics. Where does this lead: Level 2 Business Studies Parental Contribution: Nil Days out of School: Maximum 2 days						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		20	11		11	

Carpentry - CAR1

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The programme is set by the Building Construction Industry Training Organisation and will give students the opportunity to gain credits at Level 1 towards Stage 1 BCITO National Certificate in Carpentry. Students will construct two projects. These will be fully developed with working drawings that students will learn to follow. Techniques such as bent lamination and traditional wood joints are embedded in the design.

Topics include: Safe working practice, Hardware and fastenings, Joints, Materials and Workshop Processes.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
19						No
Prerequisites: Satisfactory completion of Year 10 Materials Technology - Wood Where does this lead: Level 2 Carpentry Parental Contribution: \$120 Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
19		6				



Catering and Hospitality - CHY1

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This course is made up of industry approved Unit Standards. It is designed for students who enjoy food preparation and have an interest in working with food in the Hospitality Industry or gaining food preparation practical skills.

Topics include: Prepare and present hot finger food. Prepare and present sauce and soup. Prepare and cook a cake, a sponge and scones. Demonstrate knowledge of knife care, use, storage and carrying. Prepare and present meat. Prepare and present fruit and vegetables. Prepare and present egg and cheese dishes.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
19						No
Prerequisites: Year 10 Food Technology or in consultation with TIC Food Technology Where does this lead: Level 2 Catering and Hospitality Parental Contribution: \$150 for food Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			19			

Consumer Citizenship - CMC1

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This course helps prepare students to be financially informed New Zealand citizens. It covers topics helping them understand and budget their income, set financial goals and to understand their legal rights and responsibilities as a consumer, with effective long term habits.

Topics include: Income and life stages. Household consumables and purchases. Credit history. Credit and debt. Saving and Investment. Financial documents. Consumer problems. Financial decisions.

Note: Able students should take Accounting, Economics or Trade and Enterprise.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
20		3				No
Prerequisites: Open Entry Where does this lead: Level 2 Consumer Citizenship Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	



Dance - DCE1

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Students will investigate the art of Dance performance through two major projects in the year. In the first project, students will explore what is required to put on a narrative dance show. They will select their own storybook context, then learn and create dances that will walk an audience through the story.

In the second project, students will look at some historical moments in New Zealand's history and how they have been shown or communicated through Dance in Aotearoa. They will then have their own opportunity to add to this history by communicating their own moment in time.

Topics include: Perform dance sequences. Demonstrate knowledge of a dance genre or style. Compose dance sequences for given briefs. Demonstrate ensemble skills in dance. Demonstrate understanding of the elements of dance. Demonstrate understanding of a dance performance.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
20	8	12				Yes
Prerequisites: At the discretion of HOF Arts/TIC Dance Where does this lead: Level 2 Dance Parental Contribution: Days out of School: 3						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	24

Design and Visual Communication - DVC1

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This course is designed to teach and develop students' skills in designing and visual communicating their ideas. Students work on a design portfolio throughout the year which will include freehand sketching, rendering and C.A.D work. Different sections of the portfolio are internally and externally assessed.

DVC leads on to any field which includes design and complements areas where an understanding of working drawings is required such as Architecture, Product design, Building and Engineering.

Topics include: Produce freehand sketches to communicate design ideas. Produce instrumental multiview orthographic drawings that communicate technical features of design ideas working drawings. Produce para-line drawings to communicate design ideas using computer aided design. Use rendering techniques to communicate the form of design ideas. Demonstrate the development of a design idea communicated through graphics practice. Promote an organised body of design work to an audience using visual communication techniques.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
13	9	4	6			Yes
Prerequisites: Satisfactory completion of either Year 10 Design and Visual Communication, Art, Design or at the discretion of the TIC. Where does this lead: Level 2 Design and Visual Communication. Parental Contribution: \$25 plus portfolio stationery Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	22



Digital Technologies Science - DTS1

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This course provides students with learning opportunities in a range of digital areas and computer applications. Students develop skills by completing a project in computer programming, digital electronics, or digital media creation. Students also learn about Human Computer Interaction and other computer science concepts.

The course will provide theoretical and practical skills that could be useful in any career involving the use of computers or digital electronic microcontrollers.

Topics may include: developing a proposal and a design for a digital outcome, using an iterative process to develop a digital outcome, developing a computer program, digital media or electronics outcome; and demonstrating understanding of human computer interaction, and searching and sorting algorithms.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
17-19	3					Yes
Prerequisites: Students will need to have satisfactorily completed Year 10 Digital Technologies or Electronics Technology. Where does this lead: Level 2 Digital Technologies Science Parental Contribution: None Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
12		16	12	16	22	

Drama - DRA1

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Students will work collaboratively to investigate, devise, perform and reflect upon Dramatic Forms and Conventions. This course develops confidence and allows students to further develop performance skills. Commitment to extra rehearsals is expected and a range of performance opportunities are offered. Students will have opportunities to attend live theatre performances along with attending workshops with leading NZ Theatre Practitioners. Drama puts a heavy emphasis on building and fostering creativity, confidence, communication, compassion, culture, collaboration and critical thinking, all of which are important life skills and relevant to any job sector.

Topics include: Apply drama techniques in a dramatic context. Devise and perform a drama. Select and use features of a drama/theatre form in a performance. Perform an acting role in a scripted production. Demonstrate understanding of the use of drama aspects within live performance.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
18	4	22				Yes
Prerequisites: A successful completion of the Year 10 Drama course and/or approval from the HOF Arts/TIC Drama Where does this lead: Level 2 Drama Parental Contribution: \$30 Days out of School: 2						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			22		22	



Economics - ECO1

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Economics is the study of how society uses its limited resources that deals with the production, distribution, and consumption of goods and services. Macroeconomics will also be studied how the overall working of a national economy.

Topics include: Consumer Choice, Producer, Supply, Government and Interdependence.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	12	19				Yes
Prerequisites: Satisfactory completion of Year 10 English and enrolment in a Level 1 English Achievement Standard Course. Where does this lead: Level 2 Economics and Level 2 Consumer Citizenship Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
	5	21	12	3	12	

Engineering - EEN1

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The aim of this course is to provide students with skills to perform engineering tasks. In particular, students will complete a project which has an emphasis on working to a high level of accuracy. There will be a variety of skills taught including; turning, milling, brazing, tapping and shaping.

Topics include: Demonstrate knowledge of safety procedures in a specific engineering workshop. Demonstrate basic engineering workshop skills under close supervision. Select, use and care for simple measuring devices used in engineering.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
22						No
Prerequisites: Satisfactory completion of Year 10 Material Technology or Material Technology Wood or a clear interest in entering the Engineering Trade with discretion of the HOF Technology. Where does this lead: Level 2 Engineering Parental Contribution: \$105 Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
22	22	22			4	



English - ENG1

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With the changes to NCEA being made compulsory in 2023, the English Faculty is looking to pilot the new Level 1 English standards in 2022. These credits will count toward a Level 1 NCEA Qualification.

Level 1 English may explore verbal language patterns and how they are used for specific audiences and purposes alongside producing verbal and visual personal responses to texts. Students will complete a piece of writing which will be sent for external marking as well as sit one exam that asks them to show significant understandings of aspects of texts, both familiar and unfamiliar. There will be an English course specially designed for those struggling with the subject.

More information will become available as it is made available to us over a series of professional development sessions. Should we be unable to pilot these standards next year, we will be in touch with whaanau with further information about how English would look in that instance.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
10	12	22				Yes
Prerequisites: Satisfactory completion of Year 10 English, or at the HOF's discretion. Where does this lead: Level 2 English Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
22	22	22	22	22	22	

English Enhancement - ENH1

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This is a fully internally assessed course using Achievement Standards and one Core Generic Unit Standard. The course aims to build on skills learned in Year 10.

Topics include: Creating a static image. Delivering a speech. Close-viewing a visual text. Creating connections between text. Text study.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
16		13				No
Prerequisites: Entry to this course will be at the recommendation of the HOF English based on the Year 10 English performance. Where does this lead: Level 2 English Foundation Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
13	13	13	13	10	16	



English for Academic Purposes – EAP

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Students who have a first language other than English and the need to prepare for entry University are eligible to apply for this course. Students in this programme regularly gain success in the IELTS, TOEFL and other international examinations. Differentiation of tasks and assessments is provided according to need. Assessments are offered at Levels 2 and 3.

Topics include: Demonstrate understanding of straightforward spoken instructions in a familiar context. Complete simple forms. Read and understand texts on familiar topics. Write simple texts on familiar topics. Write texts for practical purposes.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
25						No
Prerequisites: Available to students who have a first language other than English. Where does this lead: Nil Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	

English for Speakers of Other Languages – ESOL

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Students who have a first language other than English are eligible to apply for this course. The course is designed to support access to the curriculum and help students develop English for interpersonal interaction. A range of material is provided to cater for the needs and abilities of the individual students, starting at Basic Entry Level. Alternative assessments at Level 1 and 2 are offered.

Topics include: Complete basic forms on familiar topics. Read and understand simple texts on familiar topics. Demonstrate understanding of simple spoken information on familiar topics.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
28						No
Prerequisites: Available to students who have a first language other than English Where does this lead: English for Academic Purposes Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
19	19	19	19	19	19	7



Food and Nutrition - FAN1

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This achievement standard course consists of both practical and theoretical components. On completing this course, students will have basic nutrition knowledge and be able to identify adolescents' daily food requirements and apply knowledge of safe food preparation practices. They will also demonstrate skills in the planning, selection and preparation of foods.

Topics include: Demonstrate knowledge of an individual's nutritional needs. Demonstrate an understanding of interpersonal and societal influences on an individual's choices and well-being. Food Safety. Understand how packaging information influences an individual's food choices.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
19	4	14				Yes
Prerequisites: Satisfactory completion of the Year 10 Food Technology programme or consultation with Teacher in Charge Where does this lead: Level 2 Catering and Hospitality Parental Contribution: \$150 Days out of School: 4						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		14	19	19		

French - FRE1

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The aim of the course is to develop confidence in speaking and writing French and to learn more about French life and culture. Students will also be invited to take part in a Bastille Day celebration dinner, and a trip to the cinema.

Topics include: Demonstrate understanding of spoken French. Give a spoken presentation that communicates a personal response in French. Interact using spoken French and communicate personal information and opinions on different situations. Demonstrate understanding of French written and visual texts. Write a variety of texts for genuine purposes to communicate in French.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
14	10					Yes
Prerequisites: Successful completion of Year 10 French Where does this lead: Level 2 French Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		9	20	20	15	



Geography - GEO1

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Year 11 students investigate a wide range of stimulating topics. The geographic issue is a confronting look at Global Capitalism where the students develop their own perception on the concept of 'economic and social prosperity or swollen expectations.' Such as 'work life balance', stress and social pressure are used to show students how a drive for economic expansion can lead to common social and environmental problems.

The Global Study at Year 11 looks at the patterns of global coffee production and trade and they develop a sound understanding of how countries trading primary commodities struggle for fair trade. The Napier field trip leads students through the Research Process investigating how Viticulturists use their resources to produce productive outcomes. Their visit to Craggy Range and the Scary Night Tour at Napier Prison are highlights. The external examinations consist of geographic skills and tropic cyclones where students learn the fascinating weather patterns of the tropics and how heat and energy drive these violent storms.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	8	17	8			Yes
Prerequisites: Satisfactory achievement of Year 10 Social Studies and English. Where does this lead: Level 2 Geography Parental Contribution: Birchwood Lane Vineyard \$10, Napier Field Trip \$200 (optional) Days out of School: 2						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
4		18	21	3	10	

Health - HTH1

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Studying this course aims to allow students to meet and manage change in a positive way. To understand and appreciate the impact that individuals and groups can have on relationships by influencing behaviour, beliefs, decisions and a sense of self-worth. To use interpersonal skills effectively and competently.

Topics include: Demonstrate influences on adolescent eating patterns. Demonstrate understanding of ways in which well-being can change and strategies to support well-being. Demonstrate understanding of interpersonal skills used to enhance relationships. Take action to enhance an aspect of personal well-being.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
16	4	13				Yes
Prerequisites: Successful completion of Year 10 English Where does this lead: Level 2 Health Parental Contribution: \$15 Field Trip to Hamilton Days out of School: 1						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		16	16	20	11	



History - HIS1

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History aims to develop skills of inquiry, interpretation, problem solving, gathering, processing and presenting information. History at this level will further students' understanding of major trends and developments, both in New Zealand Society and in the World. The topics studied at this level are Black Civil Rights, Ireland and various shorter NZ modules.

Topics include: Carry out an investigation of an historical event. Demonstrate an understanding of an historical event or place. Interpret sources of an historical event. Demonstrate understanding of different perspectives of people in an historical event. Describe the causes and consequences of an historical event.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	8	20				Yes
Prerequisites: Satisfactory achievement at Year 10 Social Studies and English. Where does this lead: Level 2 History and Level 2 Classical Studies Parental Contribution: Approximately \$20 for Auckland Museum fieldtrip Days out of School: 1						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			16	12	20	

Japanese - JAP1

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The aim of the course is to develop confidence in speaking and writing Japanese and to learn more about Japanese life and culture. Exchanges to Japan are available. A trip to a restaurant may be offered.

Topics include: Demonstrate understanding of variety of spoken Japanese on areas of most immediate relevance. Give a spoken presentation that communicates a personal response in Japanese. Interact using spoken Japanese and communicate personal information and opinions on different situations. Demonstrate understanding of variety of Japanese texts on areas of most immediate relevance. Write a variety of texts on areas of most immediate relevance in Japanese.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
14	10					Yes
Prerequisites: Successful completion of Year 10 Japanese Where does this lead: Level 2 Japanese Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		9	20	10	15	



Materials Technology Engineering - MTE1

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This is a Level 1 Technology Achievement Standard course that is project-based. Engineering (EEN1) is also available to those not requiring Achievement Standard credits.

Topics include: Use planning tools to guide the Technological Development of an outcome to address a brief. Undertake development to make a prototype to address a brief. Demonstrate understanding of how materials enable Technology Products to function. Generating and testing design ideas to produce a conceptual design for an outcome to address a brief. Implement basic procedures using resistant materials to make a specified product.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
20	4	4				Yes
Prerequisites: Successful completion of Year 10 Materials Technology or HOF discretion Where does this lead: Level 2 Engineering or Level 2 Materials Technology - Engineering Parental Contribution: \$100 plus extra materials Days out of School: 1 Day (Test Day – Race)						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
24	24	24			24	

Materials Technology Textiles - MTT1

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This is a Level 1 Technology Achievement Standard course where students have the chance to work through the technology design process in a project-based brief.

Learning in this area includes the following:

- The use of the technology process.
- Using design ideas to produce a design for an outcome to address a brief.
- Undertaking development of these ideas to make a prototype to address a brief.
- Investigating the design elements and properties of materials.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
20	3	3				Yes
Prerequisites: Successful completion of Year 10 Materials Technology – Fabric, or by the discretion of the HOF Technology. Where does this lead: Level 2 Materials Technology - Fabric Parental Contribution: \$50 plus the cost of materials Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
23	23	17			23	



Materials Technology Wood - MTW1

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This is an Achievement Standards course which is Project Based. This course is also a pathway to Tertiary study. Students engage with the technological process to design and create a project of their own. Students utilise skills developed in 10MTW, as well as learn new skills using power tools. Students document their progress and evaluate their final outcome before taking their project home.

Topics include: Use planning tools to guide the Technological development of an outcome to address a brief. Undertake development to make a prototype to address a brief. Demonstrate understanding of how materials enable Technological Products to function. Implement basic procedures using resistant materials to make a specified product. Use design ideas to produce a conceptual design for an outcome to address a brief.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
22	4	4				Yes
Prerequisites: Successful completion of Year 10 Materials Technology or HOF Discretion Where does this lead: Level 2 Carpentry Parental Contribution: Cost of Materials Days out of School: \$120						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
22	22					

Mathematics - MAT1

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This is a full course of Mathematics in which each student will continue to develop the skills, concepts, understanding and attitudes necessary to cope with everyday life. This course provides an essential basis for the study of Mathematics at Levels 2 and 3.

Topics include: Apply numeric reasoning when solving problems. Apply algebraic methods. Investigate relationships between tables, equations and graphs. Investigate multivariate data using the statistical enquiry cycle. Apply geometric reasoning in solving problems. Apply transformation geometry in solving problems.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
10	12	4	22			Yes
Prerequisites: Successful completion of Year 10 Mathematics. Classes will be decided by HOF Mathematics Where does this lead: Level 2 Mathematics, Level 2 Mathematics Internal, Level 2 Mathematics Advanced Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
22	22	22	22	12	18	



Mathematics Advanced - MAA1

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This is a full course of Mathematics in which each student will continue to develop the skills, concepts, understanding and attitudes necessary to cope with everyday life. This course focuses on abstract thinking in the Level 1 NCEA Mathematics course. It provides students with a strong algebra base for Level 2 Mathematics.

Topics include: Apply numeric reasoning when solving problems. Apply algebraic methods. Investigate relationships between tables, equations and graphs. Investigate multivariate data using the statistical enquiry cycle. Apply geometric reasoning in solving problems. Apply transformation geometry in solving problems.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
10	12	4	22			Yes
Prerequisites: Students will be selected by HOF Mathematics Where does this lead: Level 2 Mathematics and Level 2 Mathematics Advanced Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
22	22	22	22	12	18	

Mathematics Extension - MAE1

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This course is designed for students who completed a Level 1 course in Year 10. This is a full course of Mathematics in which each student will continue to develop the skills, concepts, understanding and attitudes in mathematics and build a strong foundation for NCEA Level 2 Mathematics.

Topics include: Apply linear algebra in solving problems. Apply algebraic methods. Conduct an experiment to investigate a situation using statistical methods (Level 2). Investigate bivariate numerical data using the statistical enquiry cycle. Apply sequence and series in solving problems (Level 2). Apply systems of equations (Level 2). Demonstrate understanding of chance and data.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
13	8	6	21			Yes
Prerequisites: This course is for students who have completed Level 1 in 2021 as Year 10 students and have not gained 10 or more excellence credits Where does this lead: Level 2 Mathematics Advanced Parental Contribution: Nil Days out of School: Nil						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
11	11	16	16	16	18	



Mathematics Foundation - MAF1

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This is a course designed for students who find Mathematics challenging. Students work on portfolios which include an integrated approach to solving everyday problems.

Topics include: Use number to solve problems. Use statistical information for a purpose. Use measurement to solve problems. Apply transformation geometry to solve problems. Apply numeric reasoning in solving problems.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
16			16			No
<p>Prerequisites: Students will be selected by HOF Mathematics Where does this lead: Level 1 Mathematics Internal, Level 1 Mathematics. Note: This course does not have a Level 2 pathway. Parental Contribution: Nil Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
6	6	6	6	4	6	

Mathematics Intermediate - MAI1

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This course is designed for students who wish to do a full course in Mathematics without the Algebraic and Graphical external assessments. The course covers a wide range of Mathematical topics and prepares students for a Year 12 Intermediate course. Each student will continue to develop skills, concepts, and understandings in Statistics, Algebra, Geometry and Number.

Topics include: Apply numeric reasoning when solving problems. Apply linear algebra to solve problems. Applying right-angled triangles in solving problems. Investigate bivariate numerical data using the statistical enquiry cycle. Investigate multivariate data using the statistical enquiry cycle. Investigate a situation involving elements of chance. Apply transformational geometry in solving problems.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
22		7	22			No
<p>Prerequisites: Students will be selected by HOF Mathematics Where does this lead: Level 2 Mathematics Internal. Other students will finish their Mathematical career with this course. Parental Contribution: Nil Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
16	16	22	22	14	18	



Media Studies - MED1

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Level 1 Media Studies explores a variety of aspects of media, including description and analysis of conventions, the study of a specific genre, viewing, writing and producing media texts and investigating how people use media.

Topics include: Demonstrate understanding of how individuals interact with the media. Demonstrate understanding of selected elements of media text(s). Demonstrate understanding of characteristics of a media genre. Produce a design and plan for a media product using a specified range of conventions. Complete a media product from a design and plan using a specified range of conventions. Write media texts for a specific target audience.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
19	4	13	3			Yes
<p>Prerequisites: Satisfactory completion of Year 10 English and/or Media Studies, and at the discretion of the Teacher in Charge of Media Studies. Where does this lead: Level 2 Media Studies Parental Contribution: Nil Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			13			22

Music - MUS1

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The Year 11 Course is designed to meet the Level 6 curriculum objectives of the National Arts Curriculum. It allows students to achieve success with the Level 1 NCEA Music achievement standards, based on individual student needs and ability. The programme will continue to develop skills in: performance, composition, music technology, music materials and score reading skills.

Topics include: Perform two pieces of music as a featured soloist. Demonstrate ensemble skills by performing as a member of a group. Compose an original piece of music. Demonstrate knowledge of conventions used in music scores. Demonstrate and apply introduction knowledge of music technology equipment and techniques.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
20	4	4				Yes
<p>Prerequisites: Successful completion of the Year 10 Music course and approval of the HOF Arts and TIC Music. Where does this lead: Level 2 Music Parental Contribution: Nil Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
						24



Navigator Science - SCN1

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This is a practical based science course designed to develop students' understanding of the world around them. Students will improve their knowledge of Biology, Chemistry and Physics. It is made up of predominantly internal assessments but offers a biology external assessment providing students with an opportunity for course endorsement. This course provides a pathway into Science General at Level 2, dependent on achievement in the external.

Topics include: Demonstrate understanding of biological ideas relating to genetic variation. Carry out a practical chemistry investigation, with direction. Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction. Investigate selected chemical reactions. Carry out a practical investigation in a biological context.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
16		8	12			No
<p>Prerequisites: Successful completion of Year 10 Science. Students are selected based on Year 10 Science Teachers' recommendations. Students cannot select either SCP1, SCI1, SCA1 or BCE1 if they select this course.</p> <p>Where does this lead: Science 2.</p> <p>Parental Contribution: Student Workbook \$25 (Approximately)</p> <p>Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
12	16	16		12	8	

Outdoor Education - OED1

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A broad course encompassing a wide variety of practical activities, environmental studies and the ability to develop skills in both leadership and co-operation. The students will develop a level of proficiency in a variety of outdoor pursuits by means of unit standards, internal assessment and general topics. Students will develop leadership, fellowship skills and responsibility for themselves and others.

Topics include: Demonstrate kayaking skills on sheltered or slow moving water. Roll a kayak in sheltered or slow moving water. Alpine ski or snowboard on beginner terrain. Demonstrate basic rock climbing movement. Experience camping. Demonstrate personal and social development through participation in adventure based learning, low ropes and high ropes course activities. Mountain biking skills. Orienteering.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
25						No
<p>Prerequisites: Satisfactory completion of Year 10 English. Good level of fitness (Level 10 Beep test). Enjoy and respect of outdoors, be prepared to challenge yourself. TIC Outdoor Education or HOF Physical Education discretion.</p> <p>Where does this lead: Level 2 Outdoor Education</p> <p>Parental Contribution: \$500</p> <p>Days out of School: 10</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			24	9	4	



Physical Education - PED1 - Compulsory

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This is a practical skills based course with emphasis on physical activities and participation in sport education modules. This course includes: netball; co-operative games; lifestyle games; traditional Maaori games and international games. Health concepts such as sexuality are covered relevant to Year 11 student needs.

Topics include: Participate in a variety of physical activities and explain factors that influence own participation. Take purposeful action to assist others to participate in physical activity. Demonstrate self-management strategies and describe effects on participation in physical activity.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
10						
<p>Prerequisites: Compulsory unless students select and are approved for a sixth subject. Where does this lead: Level 2 Physical Education Parental Contribution: Nil Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
			10	10		10

Physical Science - SCP1

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This course is designed for students who wish to improve their knowledge and understanding of Physics and Chemistry and possibly have careers that involve these science disciplines. It is an introduction to basic Physical Science phenomena.

Topics include: Demonstrate understanding of aspects of mechanics. Carry out a practical physics investigation that leads to a linear mathematical relationship. Carry out a practical Chemistry investigation, with direction. Investigate implications of electricity and magnetism for everyday life. Demonstrate understanding of acids and bases.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	8	12				Yes
<p>Prerequisites: Successful completion of Year 10 Science. Students will be selected based on Year 10 Science Teachers' recommendations. Students cannot select both SCP1 and SCI1 or SCA1. Students from 10SCA should not select this course. SCP1 is not a suitable course for students taking English Foundation or Maths Foundation. Where does this lead: Level 2 Chemistry and Physics Parental Contribution: Student Workbook \$25 (Approximately) Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
20	20	20	8	8		16



Science - SCI1

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This course is designed for students who wish to improve their knowledge and understanding of many areas of Science and possibly have careers that involve Science. It is an introduction to basic science phenomena and prepares students for all senior sciences.

Topics include: Demonstrate understanding of aspects of mechanics. Carry out a practical physics investigation that leads to a linear mathematical relationship. Investigate selected chemical reactions. Demonstrate understanding of biological ideas relating to genetic variation. Carry out a practical chemistry investigation, with direction.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	8	4	8			Yes
<p>Prerequisites: Successful completion of Year 10 Science. Students are placed in classes based on Year 10 Science Teachers' recommendations. Students cannot select BCE1, SCP1 or SCA1 if they select this course.</p> <p>Where does this lead: Level 2 Biology, Chemistry, Physics or Level 2 Science</p> <p>Parental Contribution: Student Workbook \$25 (Approximately)</p> <p>Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
16	20	20	8	16	12	

Science Advanced - SCA1

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This course is designed for students who wish to improve their knowledge and understanding of many areas of Science and possibly have careers that involve Science. It is an introduction to basic science phenomena.

Topics include: Demonstrate understanding of aspects of mechanics in one dimension. Carry out a practical physics investigation that leads to a linear mathematical relationship. Investigate selected chemical reactions. Demonstrate understanding of biological ideas relating to genetic variation. Carry out practical chemistry investigation, with direction.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	8	4	8			Yes
<p>Prerequisites: Quality results from Year 10 Science. Students will be placed in classes, based on Year 10 Science Teachers' recommendations. Students cannot select either BCE1, SCP1 or SCI1 if they select this course.</p> <p>Where does this lead: Level 2 Biology, Chemistry or Physics</p> <p>Parental Contribution: Student Workbook \$25 (Approximately)</p> <p>Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
20	20	20	8	16	20	



Social Science - SOC1

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This course aims to cover a range of social science skills and is designed to expose students to issues and developments on a local, national and international level. Students will learn key natural and cultural processes within geographic contexts. They will develop skills in analysing, identifying and explaining trends and pattern, map work, problem solving and geographic report writing.

History aims to develop skills of enquiry, interpretation, problem solving, gathering, processing and presenting information. History at this level will further students' understanding of major trends and developments, both in New Zealand society and in the world. Students will also have the chance to compare the NZ Government with that of North Korea.

Topics include: Carry out an investigation of an historical even or place, of significance, to New Zealanders. Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders. Describe aspects of contemporary geographic issues in New Zealand. Describe aspects of a geography topic at a global scale. Describe a social justice and human rights action.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
22		19				No
Prerequisites: Satisfactory completion of Year 10 Social Studies. Where does this lead: This course is an easier alternative to Geography and History. More able students will be directed to either of those two subjects. Parental Contribution: Nil Days out of School: 0						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		7	18	15	14	

Sport Science - SPS1

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This course is an introduction to Sport Science and its related topics. It includes a trip to Ponui Island to look at the importance of risk management amongst other topics such as: anatomy, biomechanics, exercise physiology, motor learning theory, developing interpersonal skills, and understanding different perceptions of sport.

Topics include: Demonstrate and show understanding of responsible behaviours for safety during outdoor education activities. Demonstrate understanding of the function of the body as it relates to the performance of physical activity. Demonstrate quality movement in performance of a physical activity. Describe the implications for self and others of societal influences on physical activity. Demonstrate and describe the factors/strategies that influence performance of a physical activity. Demonstrate interpersonal skills in a group and explain how these skills impact on others.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
22		19				Yes
Prerequisites: HOF of Physical Education discretion. Successful completion of Year 10 English. Where does this lead: Level 2 Sport Science Parental Contribution: \$120 Days out of School: 4						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		4	22	22	19	



Te Reo Maaori - MAO1

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Level 1 Te Reo Maaori looks at a wide range of topics within Te Ao Maaori with a focus on learning new sentence structures and words. This course is taught to develop a student's listening, written, spoken and reading skills in Te Reo Maaori.

Topics include: Paanui I te reo o toona ao. *Ka paanui te aakonga I te reo o toona ao. Reading Comprehension.* Tuhi I te reo o toona ao. *Ka tuhituhi te aakonga I te reo o toona ao. Writing Comprehension.* Waihanga tuinga I te reo o toona ao. *Ka waihanga tuinga te aakonga I te reo o toona ao. Creative Writing.* Koorero kia whakamahi ki te reo o toona ao. *Ka koorero te aakonga i te reo o toona ao. Give a prepared talk.*

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
12	12	24				Yes
<p>Prerequisites: Successful completion of Year 10 Te Reo Maaori at the discretion of the HOF Languages.</p> <p>Where does this lead: Level 2 Te Reo Maaori</p> <p>Parental Contribution: Nil</p> <p>Days out of School: Nil</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	
		24	24	24	24	

Trade and Enterprise – TRE1 – NCEA Pilot Course 2022

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In Trade and Enterprise, students will navigate the financial world of business through the eyes of culture, identity, values and beliefs. They will study sustainability and wellbeing in the workplace whilst running a real-life business.

The big ideas include:

- Enterprise and innovation.
- Where do I sit in the economic world?
- Culture and values shaping perspectives which inform business decisions.
- Participation in society through decision making and action

Note: From 2023, as a result of NCEA national changes, Economics, Accounting and Business Studies will only be available at Level 2. Trade and Enterprise is a pilot course for the proposed changes in Commerce at Level 1. All credits earned will count towards a Level 1 NCEA qualification or subject endorsement in 2022.

Internal	External	L1 Literacy	L1 Numeracy	UE Reading	UE Writing	Endorsement
16	10					Yes
<p>Prerequisites: Successful completion of Year 10 English and Mathematics</p> <p>Where does this lead: Level 2 Accounting, Business Studies or Economics</p> <p>Parental Contribution: Nil</p> <p>Days out of School: Maximum 2 days</p>						
Course Relationship to the National Vocational Pathways						
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Services Industries	Social & Community Services	Creative Industries	