



TE KURA TAKIWA O MANGAKAHIA

MANGAKAHIA AREA SCHOOL

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SENIOR OPTION SELECTION BOOKLET FOR 2025 COURSES

The following courses are being offered for 2025. The number of students opting for each course will determine which courses will run.

Department	NCEA Level 1	NCEA Level 2	NCEA Level 3
Arts	Art* Toi Māori	Art Painting* Toi Māori	Art Painting* Toi Māori
English	English* (Compulsory)	English*	
Gateway		Gateway	Gateway
Mathematics	Mathematics*(Compulsory)	Mathematics* Hybrid L1/L2 Mathematics	
Physical Education	Physical Education*	Physical Education*	Physical Education* Sports Leadership
Science	Science* (Compulsory)	Science* (Biology, Chemistry, Physics)	
Social Sciences	Social Studies	Tourism Young Enterprise Scheme (YES)*	Tourism Young Enterprise Scheme (YES)*
Technology	Building, Construction, and Allied Trades Skills (BCATS) Design and Visual Communication (DVC) Electronics Hospitality	Building, Construction, and Allied Trades Skills (BCATS) Electronics Hospitality	
Te Kura - Correspondence School	Te Kura - various subjects Kōtui Ako - various subjects	Te Kura - Various subjects Kōtui Ako - various subjects	Te Kura - various subjects Kōtui Ako - various subjects
Te Reo Māori	Te Ao Haka* Te Reo Māori*	Te Ao Haka* Te Reo Māori*	Te Ao Haka*

University Entrance pathway

If you are interested in studying through Te Kura - Correspondence or through Kōtui Ako please state which subject you wish to study.

LEVEL 1 ENGLISH

Subject	English
Course Title	Exploring English
Code	ENG101
Course Descriptor	This course is designed to challenge students to explore the English language.
Recommendations	This is a compulsory course for all year 11 students.
Topics may include	<ul style="list-style-type: none"> - Creative and formal writing - Language studies to develop analytical skills - Wide reading based on teacher-guided choice - Text studies - novel or drama, short story, film, poetry
Credits available	20
Leads to	ENG201
Talk to	TNT or WNM

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
L1	AS91924 (1.1)	5	Demonstrate understanding of how context shapes verbal language use.	L1 Lit	Internal
L1	AS91925 (1.2)	5	Demonstrate understanding of specific aspects of studied text.	L1 Lit	Internal
L1	AS91926 (1.3)	5	Develop ideas in writing using stylistic and written conventions.	L1 Lit	External
L1	AS91927 (1.4)	5	Demonstrate understanding of specific aspects of unfamiliar texts.	L1 Lit	External

LEVEL 2 ENGLISH

Subject	English
Course Title	Developing English
Code	ENG201
Course Descriptor	This course is designed to challenge students to develop their knowledge of the English language.
Recommendations	Enjoyment of English and/or achievement in NCEA Level 1 English.
Topics may include	<ul style="list-style-type: none"> - Creative and formal writing - Language studies to develop analytical skills - Wide reading based on teacher-guided choice - Text studies - novel or drama, short story, film, poetry
Credits available	21
Leads to	Level 2 English, increased general knowledge and better reading and writing skills. Understand how language can persuade, entertain and control an audience.
Talk to	TNT or WNM

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
L2	AS91107 (2.10)	3	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	L1 Lit	Internal
L2	AS91106 (2.9)	4	Form developed personal responses to independently read texts, supported by evidence	L1 Lit, UE Lit (R)	Internal
L2	AS91101 (2.4)	6	Produce a selection of crafted and controlled writing	L1 Lit, UE Lit (W)	Internal
L2	AS91100 (2.3)	4	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	L1 Lit, UE Lit (R/W)	External
L2	AS 91099 (2.2)	4	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	L1 Lit, UE Lit (W)	External

LEVEL 1 MATHEMATICS

Subject	Mathematics and Statistics
Course Title	Level One
Code	MAT101
Course Descriptor	Mathematics is the exploration and use of patterns and relationships in quantities, space and time. Statistics is the exploration and use of patterns and relationships in data. While related, they involve different ways of thinking and solving problems.
Recommendations	This is a compulsory course for all year 11 students.
Topics may include	<ul style="list-style-type: none"> - Explore data using a statistical enquiry process - Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific - Interpret and apply mathematical and statistical information in context - Demonstrate mathematical reasoning
Credits available	20
Costs	A scientific calculator is required.
Leads to	Level 2 Mathematics Course in either Statistics or Calculus.
Talk to	TNT

Level	Standard	Credits	Title	Literacy Num,	Internal/ External
L1	AS 91944 (1.1)	5	Data Inquiry	Numeracy	Internal
L1	AS 91945 (1.2)	5	Explore problems that relate to life	Numeracy	Internal
L1	AS 91946 (1.3)	5	Interpret and apply information in context	Numeracy	External
L1	AS 91947 (1.4)	5	Mathematical reasoning	Numeracy	External

LEVEL 2 MATHEMATICS

Subject	Mathematics and Statistics
Course Title	Level Two
Code	MAT201
Course Descriptor	Level Two Course with a heavy focus on Statistics and Probability. High literacy requirements.
Recommendations	Achievement in the Level 2 Maths course.
Topics may include	Statistics and Probability
Credits available	17
Costs	A scientific calculator is required.
Leads to	Level 3 Mathematics Course in either Statistics.
Talk to	TNT

Level	Standard	Credits	Title	Numeracy	Internal/ External
L2	AS91260 (2.5)	2	Use networks in solving problems	Numeracy	Internal
L2	AS91264 (2.9)	4	Use statistical methods to make an inference	Numeracy	Internal
L2	AS91256 (2.1)	2	Apply coordinate geometry methods in solving problems	Numeracy	Internal
L2	AS91265 (2.10)	3	Conduct an experiment to investigate a situation using statistical methods	Numeracy	Internal
L2	AS91268 (2.13)	2	Investigate a situation using a simulation	Numeracy	Internal
L2	AS91267 (2.12)	4	Apply probability methods in solving problems	Numeracy	External

HYBRID MATHEMATICS

Subject	Mathematics and Statistics
Course Title	Level 2 Hybrid
Code	MAT202
Course Descriptor	This course is a combination of L1 and L2 Internal Math and Statistic Assessments. It is a hybrid course which will provide the opportunity for students who have not yet met the L1 credit requirements, to gain L1 Math and Statistic credits (not already achieved) while also working towards gaining L2 Math and Statistic credits. Preparing for the Numeracy Corequisite if necessary will be part of this course also.
Recommendations	Must be in Year 12 or above.
Topics will include	<ul style="list-style-type: none"> - Explore data using a statistical enquiry process - Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific
Credits available	17
Leads to	Further Level 2 Mathematics Study.
Talk to	TNT

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
L1	AS 91944 (1.1)	5	Data Inquiry	Numeracy	Internal
L1	AS 91945 (1.2)	5	Explore problems that relate to life	Numeracy	Internal
L2	AS91256 (2.1)	2	Apply coordinate geometry methods in solving problems	Numeracy	Internal
L2	AS91265 (2.10)	3	Conduct an experiment to investigate a situation using statistical methods	Numeracy	Internal
L2	AS91260 (2.5)	2	Use networks in solving problems	Numeracy	Internal

LEVEL 1 SCIENCE

Subject	Science
Course Title	Investigating Science
Code	SCI101
Course Descriptor	This course is designed to challenge students to develop knowledge and skills of Science. The course provides students/class with some flexibility regarding standards undertaken.
Recommendations	This is a compulsory course for all year 11 students.
Topics may include	<ul style="list-style-type: none"> - Understanding of chemical reactions - Understanding of a physical phenomenon through investigation - Understanding of the use of a range of scientific investigative approaches - Understanding of how genetic variation is linked to characteristics
Credits available	16 - 21 credits
Leads to	Level 2 Sciences (Biology, Chemistry and Physics) by increasing general knowledge and skills. Understand the relevance in today's society.
Talk to	DER

Level	Standard	Credits	Title	Literacy	Internal/External
L1	AS92022	5	Demonstrate understanding of genetic variation in relation to an identified characteristic	Literacy	External
L1	AS92021	6	Demonstrate understanding of chemical reactions in context	N/A	Internal
L1	AS92045	5	Demonstrate understanding of a physical phenomenon through investigation	N/A	Internal
L1	AS91921	5	Demonstrate understanding of the range of scientific investigative approaches in context	N/A	Internal

LEVEL 2 SCIENCE

Subject	Science
Course Title	Advancing Science
Code	SCI201
Course Descriptor	This course is designed to challenge students to develop a deeper understanding of science knowledge and skills in more specialised areas. The course provides students great flexibility regarding standards undertaken.
Recommendations	Achievement in the Level 1 Science course.
Topics may include	There is a wide range of standards available, both Internal and External in the areas of Biology, Chemistry and Physics. Students will have an individualised program composed of one or more of these areas. There will be an emphasis on the skills of science with the opportunity available to take a more academic route.
Credits available	16 - 20
Leads to	Level 3 Science, further development of science skills and understanding of science concepts.
Talk to	DER

SOCIAL STUDIES LEVEL 1

Subject	Social Studies
Course Title	Level One
Code	SOS101
Course Descriptor	Students will explore different views about human rights and how they are valued and applied. They will reflect on how and why identities and culture can be dynamic and investigate the way groups and communities are responding to challenges and opportunities related to Te Tiriti o Waitangi.
Recommendations	Being able to complete an inquiry and present their findings using evidence from primary and secondary sources.
Topics may include	<ul style="list-style-type: none"> - Diversity and inclusion in society - Views on and application of human rights - Social issues affecting people and places - The responsibilities and roles of social organisations - Taking social action
Credits available	20
Leads to	Social Studies Level 2
Talk to	WNM

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
Level1	AS 92048 (1.1)	5	Demonstrate understanding of findings of a social studies inquiry	Literacy	Internal
Level 1	AS 92049 (1.2)	5	Demonstrate understanding of perspectives on a contemporary social issues	N/A	Internal
Level 1	AS 92050 (1.3)	5	Demonstrate understand of decisions made in relation to a contemporary social issue	Literacy	Internal
Level 1	AS 92051 (1.4)	5	Describe a social action undertaken to support or challenge a system	Literacy	External

YOUNG ENTERPRISE SCHEME LEVEL 2

Subject	Business Studies
Course Title	Young Enterprise Scheme
Code	YES201
Course Descriptor	This year-long course gives students the chance to connect their learning to a real life context business venture.
Recommendations	An interest in business.
Topics may include	<ul style="list-style-type: none"> - Business and financial skills - Promotion and marketing - Research
Credits available	15
Leads to	NCEA Level 3 Young Enterprise Scheme.
Talk to	CSR

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
2	AS90846 (2.4)	3	Conduct market research for a new or existing product		Internal
2	AS90848 (2.6)	9	Carry out, review and refine a business activity within a community context with guidance	UE Lit (Writing)	Internal
2	US9677	3	Participate in a group that has an objective		Internal

YOUNG ENTERPRISE SCHEME LEVEL 3

Subject	Business Studies
Course Title	Young Enterprise Scheme
Code	YES301
Course Descriptor	Students learn how to start their own business.
Recommendations	An interest in business.
Topics may include	<ul style="list-style-type: none"> - Marketing - Business planning - Teamwork
Credits available	18
Leads to	This is a University Entrance approved course and leads to studying business or running your open business in the future.
Talk to	CSR

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
3	AS91382 (3.4)	6	Develop a marketing plan for a new or existing product		Internal
3	AS91384 (3.6)	9	Carry out, with consultation, an innovative and sustainable business activity	UE Lit (Reading)	Internal
3	US9681	3	Contribute within a team or group which has an objective		Internal

TOURISM LEVEL 2

Subject	Social Studies
Course Title	Level Two Tourism
Code	TOUR201
Course Descriptor	Students must be interested in one or all of tourism, leisure and recreation.
Recommendations	An interest in tourism.
Topics may include	Tourism within New Zealand, Tourism internationally
Credits available	18
Leads to	NCEA Level 3 Tourism, careers in the Tourism industry.
Talk to	CSR

Level	Standard	Credits	Title	Internal/External
2	US24729	4	Demonstrate knowledge of world tourist destinations	Internal
2	US24731	4	Demonstrate knowledge of Destination New Zealand	Internal
2	US24728, US24730 & US24732	8	The Tourism Business Combo	Internal
2	US57	2	Provide Customer Service	Internal

TOURISM LEVEL 3

Subject	Social Studies
Course Title	Level Two Tourism
Code	13TOU
Course Descriptor	This course is designed for students who have an interest in tourism, leisure and recreation.
Recommendations	An interest in tourism.
Topics may include	Tourism in NZ, Australia and the Pacific
Credits available	21
Leads to	A career in the tourism industry.
Talk to	CSR

Level	Standard	Credits	Title	Internal/External
3	US24733	8	Pure NZ	Internal
3	US3727	5	Destination South Pacific	internal
3	US18211	5	Destination Australia	Internal
3	US1312	3	Give verbal instructions in the workplace	Internal

LEVEL 1 ART

Subject	Art
Course Title	Visual Art
Code	ART101
Course Descriptor	This course covers both practical and theory using the new NCEA standards released for Level 1, Year 11 students.
Recommendations	An interest in art.
Topics may include	<ul style="list-style-type: none"> - Students' own theme - Mātauranga Māori art - Art from other cultures - Symbolism - Multi-media art-making
Credits available	15
Leads to	Level 2 Visual Art and lays the groundwork for Level 2 Painting /Printmaking by using similar concepts.
Talk to	TOJ or WNL

Level	Standard	Credits	Title	Internal/External
L1	AS91913 (1.2)	5	Produce resolved artwork appropriate to established art making conventions	Internal
L1	AS91914 (1.3)	5	Explore Visual Arts processes and conventions to inform own art making	External
L1	AS91915 (1.4)	5	Create a sustained body of related artworks in response to an art making proposition	External

LEVEL 2 ART/PAINTING

Subject	Art
Course Title	Visual Art Painting
Code	ART201
Course Descriptor	This course covers both practical and processes and conventions with an emphasis on expanding the depth and breadth of knowledge gained at Level 1.
Recommendations	Achievement in Level 1 Art, or at the discretion of the teacher.
Topics may include	<ul style="list-style-type: none"> - International artist models - Aotearoa Artists - Mātauranga Māori art - Artist analysis, conventions and a large folio of finished work
Credits available	20
Leads to	Level 3 Visual Art
Talk to	WNL

Level	Standard	Credits	Title	Internal/External
L2	AS91311 (2.2)	4	Use drawing methods to apply knowledge of conventions appropriate to painting	Internal
L2	AS91316 (2.3)	4	Develop ideas in a related series of drawings appropriate to established painting practice	Internal
L2	AS91321 (2.4)	12	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	External
L2	AS91325 (2.5) optional	4	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	Internal

LEVEL 3 ART/PAINTING

Subject	Art
Course Title	Visual Art
Code	ART301
Course Descriptor	This course covers both practical and theory with an emphasis on expanding the depth and breadth of knowledge gained at Level 2.
Recommendations	Achievement in Level 2 Art, or at the discretion of the teacher.
Topics may include	<ul style="list-style-type: none"> - International artist models - Mātauranga Māori art - Artist analysis, conventions and a large folio of finished work
Credits available	22
Costs	\$30 - this provides photocopying.
Leads to	Polytech or Art School studying Visual Art. University entrance.
Talk to	WNL

Level	Standard	Credits	Title	Internal/External
L3	AS91446 (Painting 3.2)	4	Use drawing to demonstrate understanding of conventions appropriate to painting	Internal
L3	AS91451 (3.3)	4	Systematically clarify ideas using drawing informed by established painting practice	Internal
L3	AS91456 (Painting 3.4)	14	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	External
L3	AS91460 (Visual Arts 3.5) Optional	4	Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context	Internal

LEVEL 1 TOI MĀORI

Subject	Art
Course Title	Toi Māori / Whakairo (Māori Art and Carving)
Code	TOI101
Course Descriptor	In Year 11 Toi Māori, students will gain a greater understanding of the significance of Māori art forms in Toi Tūturu (customary), Toi rerekē (non-customary) and Toi Whakawhiti (trans-customary) settings. Ākonga will learn about the appropriate use of Māori designs, symbols and patterns, using a range of materials to create both 2D and 3D artworks.
Recommendations	An interest in Maori Art forms and cultural practices.
Topics may include	<ul style="list-style-type: none"> - Tikanga - Whakapapa of materials (muka etc) - Introduction to Taonga Puoro - Basic design elements - Introduction to Whakairo (carving)
Credits available	18-23 credits
Leads to	Level 2 Toi Māori and Whakairo (Maori Art and Carving).
Talk to	TOJ

Level	Standard	Credits	Title	Internal/External
1	7879	2	Whakamahi Whiri (muka)	Internal
1	7881	3	Create Tipare	Internal
1	23005	6	Demonstrate knowledge of whakairo	Internal
1	23006	6	Demonstrate knowledge of how a kaiwhakairo shows meaning in their whakairo	Internal
1	30236	6	Demonstrate knowledge of taonga puoro in relation to the Māori origin of sound and ngā atua Māori	Internal

LEVEL 2 TOI MĀORI

Subject	Art
Course Title	Toi Māori / Whakairo (Māori Art and Carving)
Code	TOI201
Course Descriptor	In Level 2 Toi Māori, students will gain an understanding of the significance of Māori art forms in both traditional and contemporary settings. Students will use their knowledge around the appropriate use of Māori designs, symbols and patterns, to create both 2D and 3D artworks.
Recommendations	Achievement in Level 1 Toi, or at the discretion of the teacher.
Topics may include	<ul style="list-style-type: none"> - Tikanga - Cultural practices - Learning reproduction techniques - Making simple taonga puoro <ul style="list-style-type: none"> - Learning about and sketching whakarei (carving patterns) - Carving simple whakarei designs
Credits available	18
Leads to	Level 3 Toi Māori and Whakairo (Maori Art and Carving)
Talk to	TOJ

Level	Standard	Credits	Title	Internal/External
2	2594	4	Employ drawing techniques to create toi Māori	Internal
2	30240	6	Demonstrate knowledge of whānau puoro	Internal
2	30240	8	Construct a simple taonga puoro	Internal

LEVEL 3 TOI MĀORI

Subject	Art
Course Title	Toi Māori / Whakairo (Māori Art and Carving)
Code	TOI301
Course Descriptor	In Level 3 Toi Māori, students will apply their understanding of theoretical and practical knowledge around Māori design and art elements. They will be given project briefs to produce artworks using a range of materials. Students will be encouraged to exhibit artworks in the annual Ringa Toi art exhibition.
Recommendations	Achievement in Level 2 Toi, or at the discretion of the teacher.
Topics may include	<ul style="list-style-type: none"> - Tikanga - Cultural practices - Drawing/sketching ideas - Carving different whakarei designs - Refining taonga puoro
Credits available	20
Leads to	Level 4 TWOA Toi Ataata, Maunga Kura Toi Māori Arts Degree at Northtec, tertiary Maori Art Institutes
Talk to	TOJ

Level	Standard	Credits	Title	Internal/External
3	23013	8	Create Whakairo	Internal
3	30245	12	Construct and refine Taonga Puoro	Internal

LEVEL 1 BUILDING, CONSTRUCTION, AND ALLIED TRADES SKILLS (BCATS)

Subject	Technology
Course Title	Building, Construction, and Allied Trades Skills (BCATS) L1
Code	BCATS101
Course Descriptor	<p>Building, Construction, and Allied Trades Skills (BCATS) programmes are practical and multi-disciplinary programmes for students, providing them with the skills and knowledge to springboard into any career in the construction industry.</p> <p>Rather than focusing on any one trade, they build skills and an understanding of all trades in the construction industry. They also develop literacy, numeracy and communication skills and contribute to NCEA qualifications.</p> <p>Students who participate in the BCATS programmes can go on to consider apprenticeships in a variety of building and construction industries, such as: carpentry, brick and block laying, painting and decorating, flooring, joinery, frame and truss, aluminium joinery, concrete, glass and glazing, and so on.</p>
Recommendations	An interest in the subject.
Topics may include	<ul style="list-style-type: none"> - Skills in communication - Literacy - Maths - Materials knowledge (including timber, metal, plastic, glass and rubber), and wooden joints - Quality standards - health and safety - workshop procedures
Credits available	19
Leads to	BCAT201
Talk to	VEN

Level	Standard	Credits	Title	Internal/External
L1	US24352	2	Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project	Internal
1	US24355	4	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	Internal
1	US24356	8	Apply elementary workshop procedures and processes for a BCATS project	Internal
1	US25919	2	Use hardware and fastenings for a BCATS project	Internal
1	US25920	3	Use joints for a BCATS project	Internal

LEVEL 2 BUILDING, CONSTRUCTION, AND ALLIED TRADES SKILLS (BCATS)

Subject	Technology
Course Title	Building, Construction, and Allied Trades Skills (BCATS) L2
Code	BCATS201
Course Descriptor	<p>Building, Construction, and Allied Trades Skills (BCATS) programmes are practical and multi-disciplinary programmes for students, providing them with the skills and knowledge to springboard into any career in the construction industry.</p> <p>Rather than focusing on any one trade, they build skills and an understanding of all trades in the construction industry. They also develop literacy, numeracy and communication skills and contribute to NCEA qualifications.</p> <p>Students who participate in the BCATS programmes can go on to consider apprenticeships in a variety of building and construction industries, such as: carpentry, brick and block laying, painting and decorating, flooring, joinery, frame and truss, aluminium joinery, concrete, glass and glazing, and so on.</p>
Recommendations	An interest in the subject.
Topics may include	communication, literacy, maths, quality standards, workshop procedures, drawing plans, job specifications, health and safety, materials knowledge (including timber, metal, plastic, glass and rubber), and hand tools, power tools, and fixed machinery.
Credits available	19 - 24
Leads to	BCAT201
Talk to	VEN

Level	Standard	Credits	Title	Internal/External
L2	24354	4	Demonstrate knowledge of health and safety legislation and apply safe working practices in a BCATS environment	Internal
L2	12927	6	Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects	Internal
L2	12932	8	Construct timber garden furniture as BCATS projects	Internal
L2	24350	6	Identify, select, use and maintain portable power tools for BCATS projects	Internal

LEVEL 1 DESIGN AND VISUAL COMMUNICATION

Subject	Design and Visual Communication
Course Title	Level One DVC
Code	DVC101
Course Descriptor	<p>This course is entry level into design that has a focus on learning how to design and how to present developed outcomes using a range of techniques like freehand sketching, instrumental drawings, both orthographic and pictorial, Presentation quality, rendering techniques, rendering, Computer aided design and instrumental working drawings. Participants will acquire new knowledge in relation to Tikanga Māori. This means that strengthened cultural knowledge, and enhanced cultural identity, are reliably being achieved amongst participants.</p> <p>Design influences are drawn from design heritages and refer to: Historical, cultural, Design tikanga, Design fields (such as architecture, interior, product, landscape, design eras, design movements, designers, design artefacts, the elements of design. NCEA L1 Assignments require the learner to research given problems and find solutions that are a best fit and then communicate the function and aesthetics in a visual manner. This course is extremely relevant to anyone aspiring to progress to higher forms of learning like Tertiary, Trades, Manufacturing, Architecture, Engineering or just being an inventor or innovator. https://www.nzqa.govt.nz/ncea/subjects/graphics-dvc/levels/ The work centres around finding solutions to given problems.</p>
Recommendations	No prerequisites
Topics will include	<ul style="list-style-type: none"> - Traditional Māori Design styles and influence - Freehand drawing techniques - Instrumental drawing - Presentation techniques - CAD
Credits available	20
Leads to	Level 2 DVC
Talk to	VNN

Level	Standard	Credits	Title	Internal/External
L1	92000 v2	5	Generate product or spatial design ideas using visual communication techniques in response to design influences	Internal
L1	92001 v3	5	Use representation techniques to visually communicate own product or spatial design outcome	Internal
L1	92002 v3	5	Develop product or spatial design ideas informed by the consideration of people	External
L1	92003 v3	5	Use instrumental drawing techniques to communicate own product or spatial design outcome	External

LEVEL 1 ELECTRONICS

Subject	L1 Electronics
Course Title	Level 1 Electronics/Mechatronics
Code	STEM101
Course Descriptor	This course is designed to extend students with STEM project-based learning and introduce them to Electrical/ Electronics industries. Applies knowledge of Electrical parameters including electric charge, current, potential difference (voltage) and power by using Ohm's law and power calculations.
Recommendations	An interest in the subject.
Topics may include	<ul style="list-style-type: none"> - Demonstrate introductory knowledge of circuit concepts and measurements for electronics - Construct a simple printed circuit - Demonstrate knowledge of basic electronic components - Demonstrate knowledge of mathematics and mechanics for electrical trades
Credits available	22
Leads to	STEM201
Talk to	VEN

Level	Standard	Credits	Title	Internal/External
1	US18239	5	Demonstrate introductory knowledge of circuit concepts and measurements for electronics	Internal
1	US18242	3	Construct a simple printed circuit	Internal
1	US18240	5	Demonstrate knowledge of basic electronic components	Internal
1	US15847	4	Demonstrate knowledge of mathematics and mechanics for electrical trades	Internal
1	US18239	5	Demonstrate introductory knowledge of circuit concepts and measurements for electronics	Internal

LEVEL 2 ELECTRONICS

Subject	L2 Electronics
Course Title	Level 2 Electronics/Mechatronics
Code	STEM201
Course Descriptor	This course is designed to extend students with STEM project-based learning and introduce them to Electrical/ Electronics industries. Applies knowledge of Electrical parameters including electric charge, current, potential difference (voltage) and power by using Ohm's law and power calculations.
Recommendations	An interest in the subject.
Topics may include	<ul style="list-style-type: none"> - Applies knowledge of electronic component combinations in basic systems and performs functional testing using a multimeter. - Uses computer aided design (CAD) to generate and refine circuit schematic diagram artwork and transfer to printed circuit board layout. - Constructs prototype circuits on breadboards and creates finished electronic products using hand soldering techniques. - Performs practical electrical worker skills and describes relevant physics within the context of the design of an electrical wiring system.
Credits available	18
Leads to	STEM201
Talk to	VEN

Level	Standard	Credits	Title	Internal/External
L2	US18241	5	Demonstrate knowledge of basic electronic systems	Internal
L2	U 18243	6	Construct a simple electronic product from a supplied circuit schematic.	Internal
L2	US18240	7	Explain the properties of conductors, insulators, and semiconductors and their effect on electrical circuits	Internal

HOSPITALITY LEVEL 1

Subject	Technology
Course Title	Level One Hospitality
Code	HOS101
Course Descriptor	This course consists of a mixture of practical and theory
Recommendations	An interest in the subject
Topics may include	<ul style="list-style-type: none"> - Knife skills - Preparation of a variety of foods - Health and safety practices
Credits available	16
Leads to	Level 2 Hospitality
Talk to	LNM

Level	Standard	Credits	Title	Internal/External
1	US21059	2	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	Internal
2	US167	4	Practice food safety methods in a food business under supervision	Internal
1	US19770	3	Prepare and present egg and cheese dishes in the hospitality industry	Internal
1	US15900	4	Prepare, cook, and present meat in the hospitality industry	Internal
1	Us15901	3	Prepare and present fruit and vegetables in the hospitality industry	Internal

HOSPITALITY LEVEL 2

Subject	Technology
Course Title	Level 2 Hospitality
Code	HOS201
Course Descriptor	This year 12 food course builds on skills and knowledge from the Level 1 course.
Recommendations	An interest in the subject
Topics may include	<ul style="list-style-type: none"> - Preparation of all types of food - Health and safety
Credits available	16
Leads to	Careers in the food industry
Talk to	LNM

Level	Standard	Credits	Title	Internal/External
2	US167	4	Practice food safety methods in a food business	Internal
2	US13272	2	Cook food items by frying.	Internal
2	US13276	2	Cook items by grilling	Internal
2	US13278	2	Cook food items by roasting.	Internal
2	US13280	2	Prepare fruit and vegetable cuts.	Internal
2	US13281	2	Prepare and present basic sandwiches for service	Internal
2	US13283	2	Prepare and present salads for service	Internal

LEVEL 1 PHYSICAL EDUCATION

Subject	Physical Education
Course Title	Level 1 Physical Education
Code	PED101
Course Descriptor	This course is designed to challenge students to demonstrate their understanding of the impact of movement upon themselves, others and society within Aotearoa New Zealand. Students will be involved in planning whole school events and leadership of younger students. The course incorporates practical and theoretical elements.
Recommendations	The course is for students who have a passion for movement, enjoy working with others and are prepared to develop their self-management and leadership skills.
Topics may include	<ul style="list-style-type: none"> - Impact of movement on personal hauora/wellbeing - Application of strategies to demonstrate quality movement - The promotion of kotahitanga through movement - Self-management and leadership - Influences on movement on self, others and within society in Aotearoa New Zealand
Credits available	20
Leads to	PED201
Talk to	CSR

Level	Standard	Credits	Title	Internal/External
L1	AS92016 (1.1)	5	Apply movement strategies in an applied setting	Internal
L1	AS92017 (1.2)	5	Demonstrate understanding of how kotahitanga is promoted in movement through application of strategies	Internal
L1	AS92018 1.3)	5	Demonstrate understanding of the influence of a personal movement experience on hauora	External
L1	AS92019 (1.4)	5	Demonstrate understanding of influences on movement in Aotearoa New Zealand or the Pacific	External

LEVEL 2 PHYSICAL EDUCATION

Subject	Physical Education
Course Title	Level 2 Physical Education
Code	PED201
Course Descriptor	This course is designed to challenge students to demonstrate their understanding of the impact of movement upon themselves, others and society within Aotearoa New Zealand. Students will be involved in planning whole school events and leadership of younger students. The course incorporates practical and theoretical elements.
Recommendations	The course is for students who have a passion for movement, enjoy working with others and are prepared to develop their self-management and leadership skills.
Topics may include	<ul style="list-style-type: none"> - Influences on movement on self, others and within society in Aotearoa New Zealand - Impact of movement on personal hauora/wellbeing - Application of strategies to demonstrate quality movement - Leadership, coaching and social responsibility - Event planning and evaluation
Credits available	18
Leads to	PED301
Talk to	CSR

Level	Standard	Credits	Title	Internal/External
L2	AS91330 (2.4)	4	Perform a physical activity in an applied setting	Internal
L2	AS91331 (2.5)	4	Examine the significance for self, others and society of a sporting event, a physical activity, or a festival	Internal
L2	AS91332 (2.6)	4	Evaluate leadership strategies that contribute to the effective functioning of a group	Internal
L2	AS91334 (2.8)	3	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	Internal
L2	AS 91335 (2.9)	3	Examine the implementation and outcome (s) of a physical activity event or opportunity	Internal

LEVEL 3 PHYSICAL EDUCATION

Subject	Physical Education
Course Title	Level 3 Physical Education
Code	PED301
Course Descriptor	This course is designed to challenge students to demonstrate their understanding of the impact of movement upon themselves, others and society within Aotearoa New Zealand. Students will be involved in planning whole school events and leadership of younger students. The course incorporates practical and theoretical elements.
Recommendations	The course is for students who have a passion for movement, enjoy working with others and are prepared to develop their self-management and leadership skills.
Topics may include	<ul style="list-style-type: none"> - Strategies to enhance hauora/wellbeing - Leadership and coaching. - Event planning and evaluation.
Credits available	16 (This is a University Approved course)
Leads to	Careers related to sport, physical activity or health
Talk to	CSR

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
3	AS91498 (3.1)	4	Evaluate physical activity experiences to devise strategies for lifelong wellbeing		Internal
3	AS91502 (3.5)	4	Examine a current physical activity event, trend or issue and its impact on New Zealand society	UE Lit (Reading)	Internal
3	AS91505 (3.8)	4	Examine contemporary leadership principles applied in physical activity contexts	UE Lit (Reading)	Internal
3	AS91501 (3.4)	4	Demonstrate quality performance of a physical activity in an applied setting		Internal

LEVEL 3 SPORTS LEADERSHIP

Subject	Physical Education
Course Title	Level 3 Physical Education
Code	
Course Descriptor	This course is designed to challenge students to demonstrate their understanding of the impact of movement upon themselves, others and society within Aotearoa New Zealand. Students will be involved in planning whole school events and leadership of younger students. The course incorporates practical and theoretical elements.
Recommendations	The course is for students who have a passion for movement, enjoy working with others and are prepared to develop their self-management and leadership skills.
Topics may include	<ul style="list-style-type: none"> - Application of strategies to demonstrate quality movement - Leadership and coaching - Event planning and evaluation
Credits available	18
Leads to	Careers in the sports industry
Talk to	CSR

Level	Standard	Credits	Title	Internal/External
3	AS91505 (3.8)	4	Examine contemporary leadership principles applied in physical activity contexts	Internal
3	AS91501	4	Demonstrate quality performance of a physical activity in an applied setting	Internal
3	US22771	4	Plan a beginner level coaching session for sports participants	Internal
3	US22768	6	Conduct and review a beginner level coaching session	Internal

LEVEL 1 TE REO MĀORI

Subject	Te Reo Māori
Course Title	Te Puāwaitanga: Achieving social competence in Te Reo Māori
Code	TRM101
Course Descriptor	This course is designed to enable Year 11 students to develop their understanding and confidence of Te Reo Māori and applying basic Te Reo Māori in different contexts. The key language modes of this subject include - Whakarongo (Listening), Kōrero (Speaking), Mātakitaki (Viewing), Pānui (Reading), Tuhihi (Writing) and Whakātu (Presenting) will be the key focuses across different contexts to develop holistic development in this course.
Recommendations	Previous Te Reo knowledge preferred
Topics may include	<ul style="list-style-type: none"> - Pūrākau - Whakapapa - Pēpēhā - Ko Au - Te Marae - Taku akomanga - Hauora
Credits available	20
Leads to	Level 2 Te Reo Māori
Talk to	SNK

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
1	AS92092 (1.1)	6	Te kōrero mō te ora o te reo i mua i te tau 1970	L 1 Lit	Internal
1	AS92093 (1.2)	4	Te whakaaro i runga i te āta rere o te reo	L1 Lit	Internal
1	AS92094 (1.3)	4	Te tautohu e ētahi mātāpono Māori kei roto i te reo	L1 Lit	External
1	AS92095(1.4)	6	Te whakaatu i te māramatanga ki te tika o te reo	L1 Lit	External

LEVEL 2 TE REO MĀORI

Subject	Te Reo Māori Level 2
Course Title	Te Pakaritanga: Achieving personal independence in Te Reo Māori
Code	TRM201
Course Descriptor	Achieving personal independence in te reo Māori
Recommendations	Achievement in Level 1 Te Reo Māori
Topics may include	<ul style="list-style-type: none"> - Fishing and food gathering - Hauora - Entertainment - Recounting sport, leisure and cultural activities - Maori creative arts
Credits available	20
Costs	NA
Leads to	Level 3 Te Reo Māori
Talk to	SNK

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
2	AS91286 (2.3)	6	Pānui kia mōhio ki te reo o te ao torotoro	L1 Lit, UE Lit (Reading)	External
2	AS91288 (2.5)	6	Waihanga tuhinga auaha, i te reo o te ao torotoro	L1 Lit, UE Lit (Writing)	Internal
2	AS91284 (2.1)	4	Whakarongo kia mōhio ki te reo o te ao torotoro	L1 Lit	Internal
2	US30758	4	Pānui kia taumata ā-tumu te mōhioanga ki ngā tuhinga reo Māori mō te mana whenua		Internal

LEVEL 1 TE AO HAKA

Subject	Te Ao Haka level 1
Course Title	Te Ao Haka 101
Code	TAH101
Course Descriptor	This course is designed to be a culturally responsive art form providing opportunities for ākonga to engage in Māori culture, Te Reo and traditional practice. Ākonga in Te Ao Haka discover, identify, access, and explore foundational knowledge and ideas in and about Te Ao Haka. It is a combination of theory and practical learning and assessment.
Recommendations	To have an understanding of Māori culture and tikanga.
Topics may include	<ul style="list-style-type: none"> - Demonstrate understanding of key features of Te Ao Haka - Perform an Item from a Te Ao Haka discipline - Demonstrate understanding of categories within Te Ao Haka - Demonstrate understanding of elements within a Te Ao Haka performance
Credits available	20
Leads to	Level 2 Te Ao Haka
Talk to	HEO

Level	Standard	Credits	Title	Internal/External
1	AS91976 (1.1)	6	Demonstrate understanding of key features of Te Ao Haka	Internal
1	AS91977 (1.2)	6	Perform an item from a Te Ao Haka discipline	Internal
1	AS91978 (1.3)	4	Demonstrate understanding of categories within Te Ao Haka	External
1	AS91979 (1.4)	4	Demonstrate understanding of elements within a Te Ao Haka performance	External

Optional: There is no expectation to perform at Te Tai Tokerau Festival but for those competitors who do perform there is an opportunity to achieve from the following additional credits.

Māori Performing Arts Level 2 Unit standard: 22756 Perform a Māori performing arts bracket (10 Credits) **Level 3 Unit standard:** 32955 Perform a Māori performing arts bracket with expression (15 Credits)

NZQA moderators mark these performances through the live feed from Te Hiku Media

LEVEL 2 TE AO HAKA

Subject	Te Ao Haka Level 2
Course Title	Te Ao Haka 201
Code	TAH201
Course Descriptor	This course is designed to be a culturally responsive art form providing opportunities for ākonga to engage in Māori culture, Te Reo and traditional practice. Ākonga in Te Ao Haka discover, identify, access, and explore foundational knowledge and ideas in and about Te Ao Haka.
Recommendations	Achievement in Level 1 Te Ao Haka or at the discretion of the teacher.
Topics may include	<ul style="list-style-type: none"> - Explore elements to create a section of a Te Ao Haka item - Perform a Te Ao Haka item to respond to a local kaupapa - Compare a Te Ao Haka performance and one other performance - Respond to a Te Ao Haka performance
Credits available	20
Leads to	Te Ao Haka Level 3
Talk to	HEO

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
2	AS91980 (2.1)	6	Explore elements to create a section of a Te Ao Haka item	UE Lit (Reading, Writing)	Internal
2	AS91981 (2.2)	6	Perform a Te Ao Haka item to respond to a local kaupapa	UE Lit (Reading)	Internal
2	AS91982 (2.3)	4	Compare a Te Ao Haka performance and one other performance	UE Lit (Reading, Writing)	External
2	AS91983 (2.4)	4	Respond to a Te Ao Haka performance	UE Lit (Reading, Writing)	External

Optional: There is no expectation to perform at Te Tai Tokerau Festival but for those competitors who do perform there is an opportunity to achieve from the following additional credits.

Māori Performing Arts Level 2 Unit standard: 22756 Perform a Māori performing arts bracket (10 Credits) **Level 3 Unit standard:** 32955 Perform a Māori performing arts bracket with expression (15 Credits)

NZQA moderators mark these performances through the live feed from Te Hiku Media

LEVEL 3 TE AO HAKA

Subject	Te Ao Haka Level 3
Course Title	Te Ao Haka 301
Code	TAH301
Course Descriptor	This course is designed to be a culturally responsive art form providing opportunities for ākonga to engage in Māori culture, Te Reo and traditional practice. Ākonga in Te Ao Haka discover, identify, access, and explore foundational knowledge and ideas in and about Te Ao Haka.
Recommendations	Achievement in Level 2 Te Ao Haka or at the discretion of the teacher.
Topics may include	<ul style="list-style-type: none"> - Reflect on a personal learning journey in a discipline of Te Ao Haka - Perform three categories within a discipline of Te Ao Haka - Perform two Te Ao Haka Disciplines - Demonstrate understanding of a key role within Te Ao Haka
Credits available	20
Leads to	<i>Careers in the Performing Arts, Artistic Directing and Tour Guide industries, Bachelor of Māori Performing Arts - Ngā Mana Whakairo ā Toi (Awanuiarangi)</i>
Talk to	HEO

Level	Standard	Credits	Title	Literacy Num, UE Reading, UE Writing	Internal/External
3	AS91984 (3.1)	5	Reflect on a personal learning journey in a discipline of Te Ao Haka	UE Lit (Reading, Writing)	Internal
3	AS91985 (3.2)	5	Perform a Te Ao Haka item to respond to a local kaupapa	UE Lit (Reading)	Internal
3	AS91986 (3.3)	5	Compare a Te Ao Haka performance and one other performance	UE Lit (Reading, Writing)	External
3	AS91987 (3.4)	5	Respond to a Te Ao Haka performance	UE Lit (Reading)	External

Optional: There is no expectation to perform at Te Tai Tokerau Festival but for those competitors who do perform there is an opportunity to achieve from the following additional credits.

Māori Performing Arts Level 2 Unit standard: 22756 Perform a Māori performing arts bracket (10 Credits) **Level 3 Unit standard:** 32955 Perform a Māori performing arts bracket with expression (15 Credits)

NZQA moderators mark these performances through the live feed from Te Hiku Media

GATEWAY - YEAR 12

Subject	Gateway
Course Title	Gateway-Work experience
Code	GTWY
Course Descriptor	<p>This course is designed to enable senior students (usually year 12) opportunities to access structured workplace learning that has</p> <ul style="list-style-type: none"> • formalised learning arrangement set in the workplace • specified knowledge and skills that a student will attain • specified assessment methods (workplace learning)
Recommendations	<p>Entry requirements: Students are expected to apply for a position in the Gateway Program (10 vacancies). They will need a teacher recommendation, 80% attendance, and Year 12 or above will have numeracy and literacy credits. Students will go through an application process (similar to a job application), and positions will be finalised after an interview with the Gateway teacher and possibly Dean/Deputy Principal.</p>
Topics may include	<ul style="list-style-type: none"> - Work experience and assessments regarding employee and employer rights and responsibilities. Depending on the career choice students may also have specific learning and assessments. Example BCITO (Building and Construction Industry Training Organisation) for building and MITO (Motor Industry Training Organisation) for auto mechanics. - There may be some costs involved and the whanau is required to get the students to their work experience.
Credits available	15-20
Costs	Transport costs and possibly some other incidental costs.
Leads to	Year 13 Gateway and Careers: This is where students may be able to enter more in-depth industry training with possible dual enrollments. This can also lead to applications for apprenticeships or scholarships to further their education.
Talk to	WMN

Level	Standard	Credits	Title	Internal/External (I or E)
Level 3	US4251	3	Plan a Career Pathway	Internal
Level 2	US1979	3	Describe Employment Agreements	Internal
Level 2	US 10780	3	Complete Work Experience	Internal
Level 2	US4252	2	How to produce a targeted CV	Internal
Level 2	US 24871	2	Complete workplace forms	Internal
Level 2	US12349	3	Demonstrate knowledge of time management	Internal
Level 2			Or a mixture of specialised units to suit career pathway and some subject assessments	Internal

GATEWAY - YEAR 13

Subject	Gateway Year 13
Course Title	Gateway - Work Experience
Code	GTWY Year 13
Course Descriptor	Year 13 Gateway and Careers: This is where students may be able to enter more in-depth industry training with possible dual enrollments. This can also lead to applications for apprenticeships or scholarships to further their education.
Topics may include	Work experience and assessments regarding employee and employer rights and responsibilities. Depending on the career choice students may also have specific learning and assessments. Example BCITO (Building and Construction Industry Training Organisation) for building and MITO (Motor Industry Training Organisation) for auto mechanics. There is a possibility for work experience to run for most of the year with placements used to extend the students knowledge in their chosen industry and set them up for a career, apprenticeship or further specialised study options.
Credits available	17 - 20
Costs	Transport costs and possible other incidental costs
Leads to	Apprenticeships, jobs and scholarships for further specialised education
Talk to	WNM

Level	Standard	Credits	Title	Internal/External (I or E)
3	US 4252	3	Plan a Career Pathway	Internal
Level 3			Specialised units to suit career pathway	
Level 3	US 1312	3	Give oral instructions in the workplace	Internal
Level 3	US 30911	3	Demonstrate knowledge of a specified workplace (placement required)	Internal
Level 3	US1980	3	Describe from an employee perspective, ways of dealing with employment relationships problems	Internal
Level 3	US 12356	3	Consumer problems and how to resolve them	Internal

TE KURA - THE CORRESPONDENCE SCHOOL. Various courses are available to study at NCEA Levels 1 - 3. The different courses can be found at tekura.school.nz/learning-programmes/

KŌTUI AKO COURSES - This is a course which is online once a week with a teacher (who has students from across the country). For the remainder of the option line students will be expected to learn. Students are required to :

- attend a 1 hour, video conference lesson, with their e-teacher each week, via their own digital device;
- access and engage with the follow-up learning tasks and assessments **provided** by the e-teacher, via an online medium, e.g Google Classroom, Microsoft OneDrive, email etc.

Below is a list of subjects on offer through Kōtui Ako:

HUMANITIES & SOCIAL SCIENCES

NCEA LEVEL 1 Commerce, Geography, History

NCEA LEVEL 2 Accounting, Business Studies, Classical Studies, Economics, Education for Sustainability, English*, Geography, History, Media Studies, Philosophy, Psychology, Young Enterprise

NCEA LEVEL 3 Accounting, Business Studies, Classical Studies, Economics, Education for Sustainability, English*, Geography, History, Media Studies, Philosophy, Psychology, Young Enterprise

MATHEMATICS

NCEA LEVEL 2 Biology, Chemistry, Mathematics*, Physics, Agriculture & Horticulture

NCEA LEVEL 3 Biology, Chemistry, Statistics/Calculus, Physics, Agriculture & Horticulture

THE ARTS

NCEA LEVEL 1 Drama, Music

NCEA LEVEL 2 Art History, Drama, Music, Photography

NCEA LEVEL 3 Art History, Drama, Music, Photography

TECHNOLOGIES

NCEA LEVEL 1 Digital Technology, Design and Visual Communication

NCEA LEVEL 2 Digital Technology, Design and Visual Communication

NCEA LEVEL 3 Digital Technology, Design and Visual Communication

HEALTH & PHYSICAL EDUCATION

NCEA LEVEL 1 Health

NCEA LEVEL 2 Health, Physical Education

NCEA LEVEL 3 Health, Physical Education

LANGUAGES

BEGINNERS Chinese, French, German, Japanese, Korean, Spanish, Te Reo

INTERMEDIATE Chinese, French, German, Japanese, Korean, Spanish, Te Reo

NCEA LEVEL 1 Chinese, French, German, Japanese, Korean, Samoan, Spanish, Te Reo, Tongan

NCEA LEVEL 2 Chinese, French, German, Japanese, Korean, Samoan, Spanish, Te Reo, Tongan*

NCEA LEVEL 3 Chinese, French, German, Japanese, Korean, Samoan*, Spanish, Te Reo, Tongan*

SPECIAL & SHORT COURSES

NZ Sign Language, Gifted & Talented, Wero Mathematics

**Subject to teacher availability*