

Amuri Area School



Kia Kitea Toikaka
Nothing But The Best

Course Selection Guide 2026

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Welcome to the Senior School (Years 11-13)

The aim of the Course Selection Guide is to help you plan your course of study for 2026 and beyond. It contains information on subjects being offered at Years 11, 12 and 13. You should read it carefully so that you are clear about the content and expectations of courses.

With a range of subjects to choose from it is essential you choose your subjects carefully, based on sound advice. It is important you discuss matters you are not sure about with the appropriate staff here at school and with your whanau at home.

Overall, the subjects you study in the Senior School should provide you with courses that are:

- **Suited to your interests and abilities;**
- **Challenging and achievable for you;**
- **Relevant for your career aspirations;**
- **Providing pathways for further study at a higher level (where that is appropriate);**
- **Not a result of peer pressure.**

The best advice is to plan for the long term and to keep your options open by selecting a balanced course. Specialising too early in one curriculum area has the disadvantage that if your career plans change, your course selection may make this difficult.

Before Selecting your Course

- **Course selection is an important process and can determine future pathways – choose what is right for YOU.**
- **Consider interests, abilities, and future aspirations.**
- **Read very carefully the subject description and seek advice from subject teachers, careers adviser or other staff.**
- **Discuss possible choices with your parents/caregivers – this is important.**
- **After careful consideration fill in your course selection form and return to your Form Teacher.**

Picking your Course

Choose your course carefully and seek input and advice from your family and teachers.

Ability + Interest + Pathway = Subject Choice

- Choose subjects you are good at and enjoy.
- Check whether the career you have in mind has any specific subjects you need to study.
- Choose subjects that offer the level of credits you need to study.
- Check that you have the pre-requisites for the subject at that level.
- Keep your options open if possible.
- Think carefully before dropping a subject you have done for several years.
- It is not advisable to take more than two new subjects each year.
- If you plan to go to university, check your subjects are university approved.

Who can Help?

Careers, Work Experience, Gateway, Trades,
Distance / Online Learning
Agriculture
Art/Photography/Design/ Media
Food and Hospitality/Gateway/Tourism
Sciences – Physics/Chemistry/Biology
English
Technology/Carpentry
DVC & SMPD
Social Sciences/Geography/History/Commerce
Mathematics (Stats or Calc)
Outdoor Education
Physical Education & Health

Mrs Peterson
Mrs Galletly or Dr Owens y de Novoa
Mr Hewitt
Mrs Fleming
Mr Filby or Dr Owens y de Novoa
Mrs McCarthy
Mr Black
Mrs Black
Mrs Greenwood
Ms Lane/ Ms Duncan
Mr Shannon
Miss Helmore

How NCEA Works

- Each year, students study a number of courses or subjects to fill a timetable of fulltime study.
- In each subject, skills and knowledge are assessed against several standards. For example, a Mathematics standard could be: *Apply numeric reasoning in solving problems*.
- We use a range of internal and external assessments to measure how well students meet these standards.
- When a student achieves a standard, they gain a number of credits. Students must achieve a certain number of credits to gain an NCEA certificate at that level.
- There are three levels of NCEA certificate available at school. In general, students work through Levels 1 to 3 in Years 11 to 13 at school. Level 4 and above is gained through further study once you leave school.
- Students are recognised for high achievement at each level by gaining NCEA with Merit or NCEA with Excellence for the top 50 credits they have achieved.
- High achievement in a course is also recognised.
- Students can gain subject/course endorsements in achievement standard courses. This recognises high achievement within a course or courses.
- To gain an endorsement in a subject a student must gain at least merit or higher in 14 credits which must include at least 4 credits from an external assessment.

Information for Year 11 Students NCEA Level 1

Number of Subjects:

All students will take six subjects – the following are compulsory

- ☐ English
- ☐ Math OR Maths Toolkit
- ☐ Science OR AgHort Science

Plus, three other subjects of your own choice

Note: To qualify for NCEA Level 1, ten credits from either the approved Common Assessment Activity (CAA) for Literacy and ten credits for Numeracy are required or from NZQA-approved Achievement Standards. The CAA exams are offered twice a year, in May and September.

NCEA Level 1	NCEA Level 2	NCEA Level 3
60 Credits from any level (Level 1,2,3)	60 Credits at Level 2 or above	60 Credits at Level 3 or above
Literacy from the CAA exam		
Numeracy from the CAA exam	Level 1 Literacy met	Level 1 Literacy met
	Level 1 Numeracy met	Level 1 Numeracy met
There are three levels of NCEA certificate, depending on the difficulty of the standards achieved. At each level, students must achieve a certain number of credits to gain an NCEA certificate Credits can be gained over more than a year Credits gained at one Level can be used for (or count towards) more than one certificate.		
Certificate Endorsement	Course Endorsement	University Entrance
Excellence	In one course:	NCEA Level 3
50 credits at Excellence	14 credits or more at Merit or Excellence in the same year	Three subjects at Level 3 made up of:
Merit	At least 3 credits external assessment	14 credits each in 3 approved subjects
50 credits at Merit and/or Excellence	At least 3 credits internal assessment	UE Literacy – 10 credits at Level 2 or above made up of: 5 credits in reading, 5 in writing.
Credits earned can count towards an endorsement over more than one year and more than one level. However, they must be gained at the level of the certificate or above.	A course endorsement can be awarded even if qualification for that level is not achieved.	

University Entrance

Over the past five years, New Zealand universities have maintained a consistent and equitable baseline for entry by uniformly requiring students to achieve the University Entrance (UE) standard. This standard ensures a level playing field for all applicants through two clear, nationwide criteria: first, students must satisfy literacy and numeracy thresholds — gaining 10 literacy credits (5 in reading, 5 in writing) at Level 2 or above, and 10 numeracy credits at Level 1 or above — demonstrating essential communication and quantitative skills.

Second, students must complete NCEA Level 3 with at least 14 credits in each of three approved university subjects, typically through Achievement Standards, thereby assuring both subject depth and academic rigour. By uniformly enforcing these thresholds across secondary schools, the system enables fair access to university courses: all students, regardless of background, are assessed on the same achievement criteria, with their NZQA Record of Achievement clearly reflecting whether they meet UE.

University Approved Subjects for 2026:

Accounting Agriculture & Horticulture Biology Business Studies Calculus Chemistry Chinese (Second Language) Classical Studies Construction and Mechanical Technologies Cook Islands Māori Dance Design (Practical Art) Design and Visual Communication Digital Technologies and Hangarau Matihiko Drama Earth and Space Science Education for Sustainability Economics English French (Second Language)	Japanese (Second Language) Korean Latin Mathematics Media Studies Music Studies Painting (Practical Art) Photography (Practical Art) Physical Education Physics Printmaking (Practical Art) Processing Technologies Religious Studies Samoan Science Statistics Sculpture (Practical Art) Spanish (Second Language) Social Studies Technology/Hangarau	Geography German (Second language) Health Education History History of Art Home Economics Te Reo Rangatira or Te Reo Māori Indonesian
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Tertiary Trades-based Courses (STP)

Trades-based courses offer senior students in Years 12 and 13 the chance to gain hands-on experience and specialised training in vocational fields through one or two-day programmes delivered by tertiary pathway providers such as ARA, the National Trades Academy (NTA), the New Zealand School of Tourism, and others.

These courses cover a wide range of industries, including Electrician work, Engineering, Plumbing, Construction, Automotive, Beauty Therapy, Hairdressing, Hospitality, and Flight Attending, among many others. Delivered at central city campuses, these programmes allow students to experience real-world training environments while gaining valuable insight into their chosen career paths. Entry into these courses is competitive, with students required to complete a thorough application process and demonstrate genuine interest, commitment, and passion for the industry they wish to pursue. This opportunity not only supports future career readiness but also helps students make informed decisions about their post-school pathways.

Distance Learning

Distance online learning provides valuable opportunities for students at Amuri Area School who require flexible learning pathways. For students unable to attend school full-time, Te Kura (The Correspondence School) offers tailored learning programmes that allow them to continue their education remotely. Alternatively, NetNZ provides access to a wide range of virtual courses for students who wish to study a subject not currently offered at Amuri. These courses are taught online by qualified teachers and involve real-time virtual classes and independent study. Students interested in pursuing an online course must seek approval from Mrs Peterson, who will consider each application carefully. Approval is based on the student's long-term pathway goals, as well as their ability to manage themselves and their learning independently; essential skills for success in a distance learning environment.

Net NZ Courses in 2026 - These are subject to change depending on teacher availability and demand.

Social Sciences			
Philosophy		Senior Philosophy	Senior Philosophy
Psychology		L2 Psychology	L3 Psychology
Sociology (tbc)		<i>Senior Sociology</i>	<i>Senior Sociology</i>
The Arts			
Art History		L2 Art History	L3 Art History
Music		Senior Music	Senior Music
Science			
Physics		L2 Physics	L3 Physics
Technology			
Computer Science	Computer Programming *KA*	Computer Programming *KA*	L3 Computer Science & Programming
Digital Technology	L1 Digital Technology	L2 Digital Technology	L3 Digital Technology Web Design *KA*
Languages			
Chinese (Mandarin)	L1 Chinese *KA*	L2 Chinese *KA*	L3 Chinese *KA*
French	L1 French *KA*	L2 French *KA*	L3 French
German	L1 German *KA*	L2 German *KA*	L3 German *KA*
Japanese	Beginner's Japanese L1 Japanese	L2 Japanese	L3 Japanese
Spanish	Beginners Spanish *KA* L1 Spanish *KA*	L2 Spanish *KA*	L3 Spanish *KA*

Senior Course Guide – Summary of Subjects 2026

This is a summary guide of the subjects on offer in 2026. Full course details can be found in this booklet.

Before you finalise your choice you must:

- **Read the course description carefully.**
- Discuss the course you have chosen with the teacher/s concerned.
- See Mrs Peterson to discuss availability of subjects not taught at school e.g. Net NZ, online, Trades Academy and distance learning.
- Seek advice that courses you have chosen are realistic and right for you.
- Be aware that some courses require previous level study.
- Talk through your options with your parents.
- Understand that on-line courses **require** a student to have their own laptop and a Gmail account.

Year 11	Compulsory	Taught at school	Net NZ (online)	*Trades Academy
<p>All subjects are at Level 1</p> <p>All students must take 6 subjects</p>	<p>English</p> <p>Mathematics Or Numeracy</p> <p>Science OR AgHort Science</p>	<p>Carpentry</p> <p>Commerce</p> <p>Drama</p> <p>Hospitality</p> <p>Geography</p> <p>History</p> <p>Health Studies</p> <p>English & Media</p> <p>Physical Education</p> <p>Soft Materials Product Design</p> <p>DVC</p> <p>Technology</p> <p>Visual Arts</p>	<p>Digital Technology</p> <p>Performance Music</p> <p>Languages (<i>require previous Year 10 study</i>)</p>	<p>The full range of courses is available from Mrs Peterson for selected students only.</p> <p><i>(These courses are on a Thursday / Friday at the ARA Institute in CHCH or NTA trades academy – students and parents are required to attend an interview prior to enrolment)</i></p>

Year 12	Taught at School	Net NZ (on-line)	Other
<p>All subjects are at Level 2</p> <p>Highlighted subjects are approved for University Entrance</p> <p>All students must take 5 subjects – you can take 6</p> <p>Some students may be required to repeat Level 1 courses.</p>	<p>English- <i>recommended and compulsory for University Entrance</i></p> <p>Mathematics – Algebra or Statistics <i>recommended</i></p> <p>Accounting</p> <p>AGHort</p> <p>Biology</p> <p>Business Studies</p> <p>Carpentry/Furniture Making</p> <p>Chemistry</p> <p>Classical Studies</p> <p>Drama</p> <p>Gateway</p> <p>Geography</p> <p>History</p> <p>Hospitality</p> <p>English & Media</p> <p>Outdoor Ed</p> <p>Physical Education</p> <p>Health new 2026 – numbers dependent</p> <p>Photography</p> <p>Art & Design</p> <p>Soft Materials Product Design</p> <p>DVC</p> <p>Tourism</p>	<p><i>(Previous study may be required for some Level 2 courses)</i></p> <p>Art History</p> <p>Classics</p> <p>Economics</p> <p>Languages (Level 1 language study required)</p> <p>Digital Technology</p>	<p>Gateway – <i>(limited spaces - selected in consultation with Mrs Peterson</i></p> <p>*Trades Academy (Christchurch)</p> <p>Selected Trades – 1 day courses</p> <p>Selected Trades – 2 day courses</p> <p>See Mrs Peterson for details</p> <p><i>(Students enrolling for the first time will be required to attend an interview with their parent/s)</i></p>

Year 13	Taught at School (subject to numbers)	Net NZ (on-line)	Other
<p>All subjects are at Level 3</p> <p>All students are required to take 5 subjects – this may include some Level 2 courses</p> <p>Highlighted subjects are approved for University Entrance</p>	<p>Agricultural & Horticultural Science</p> <p>Accounting</p> <p>Biology</p> <p>Business Studies</p> <p>Carpentry</p> <p>Chemistry</p> <p>Classical Studies</p> <p>Art Design</p> <p>English</p> <p>Gateway</p> <p>Geography</p> <p>History</p> <p>Maths with Calculus</p> <p>Maths with Statistics</p> <p>English & Media</p> <p>Outdoor Education (<i>interview required</i>)</p> <p>Paint</p> <p>Photography</p> <p>Physical Education</p> <p>Physics</p> <p>Soft Materials Product Design</p> <p>DVC</p> <p>Tourism</p>	<p><i>(Previous study will be required for some Level 3 courses)</i></p> <p>Economics</p> <p>Languages</p> <p>Art History</p> <p>Physics</p>	<p>*Trades Academy (as above) – see Mrs Peterson</p> <p>Gateway – (<i>limited spaces - selected in consultation with Mrs Peterson</i>)</p>

*Delivered by ARA Institute in CHCH or NTA (*National trades academy*) – transport provided for Friday courses and possibly Thursday (dependant on numbers)
7.15am departure from school – return 4.50pm approximately

Accounting Level 2

Pre-requisites: None

Course Description: (500 characters maximum)

Process: gather and sort financial information that can be used to prepare financial statements. Report: prepare financial statements for a variety of users to provide information about their financial performance and position. Interpret and decision-making: interpret the financial statements for a variety of users to enable decisions to be made. Develop digital literacy: embrace relevant technologies in all aspects of accounting to reflect modern business practices.

How Will Students Learn & Be Assessed: (300 characters maximum)

Level 2 Accounting is assessed by five achievement standards. Four standards will be assessed internally during the year and one standard will be assessed externally at the end of the year.

Assessment Method: Internal & External

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Accounting Level 3

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91176	Prepare financial information for an entity that operates accounting subsystems.	5	External	<input type="checkbox"/>	<input type="checkbox"/>
91175	Demonstrate understanding of accounting processes using accounting software	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91179	Demonstrate understanding of an accounts receivable subsystem for an entity.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91386	Demonstrate understanding of an inventory subsystem for an entity.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91481	Demonstrate understanding of a contemporary accounting issue for decision-making.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Accounting **Level 3**

Pre-requisites: Level 2 Accounting

Course Description: (500 characters maximum)

Accounting at Level 3 is designed for students who are interested in understanding the financial and strategic decision-making processes of businesses. It focuses on the preparation, analysis, and interpretation of financial information for a range of entities. This course builds on the foundational knowledge gained at Level 2 and prepares students for tertiary study, employment, or running their own business.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Level 3 Accounting is assessed by four achievement standards. Three standards will be assessed internally during the year and one standard will be assessed externally at the end of the year.

Reading Credits towards University Entrance: 5

Writing Credits towards University Entrance: 5

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Tertiary study in Commerce

Standard No.	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91406	Demonstrate understanding of company financial statement preparation.	5	External	<input type="checkbox"/>	<input type="checkbox"/>
91405	Demonstrate understanding of accounting for partnerships	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91407	Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity.	5	Internal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
91409	Demonstrate understanding of a job cost system for an entity.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Agricultural and Horticultural Science **Level 1**

Pre-requisites: Nil

Course Description: (500 characters maximum)

In this course you will study primary industries, building on knowledge and experience from this community. Field trips, speakers and practical laboratory activities at school are used throughout the year. Internal assessments study breeding management of cows and sheep, and analyse why different types of farming businesses suit different regions in NZ. Soil and

environmental management are assessed in one examination: these topics include and build on learning covered in the internals.

How Will Students Learn & Be Assessed: (300 characters maximum)

A write-on workbook is used to reduce note taking and give time for thorough discussions in class. Vocabulary building games, trips and practical activities are used all year. Lessons are co-ordinated and weekly learning is summarised on OneNote. Internals are assessed orally or by written reports.

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) L2 Ag, Bio, Chem, Physics: ITOs

Standard No. & Version	Learning about ...	Credits	Internal/ External
AS 91928	Reproductive systems in cows and sheep, and how to manage feeding and mating to optimise farm production	6	Internal
AS 91929	Agriculture in different regions of NZ; comparing the importance of climate, soils and market factors for each	5	Internal
AS 91930	What is in soil and how this affects fertiliser, irrigation, cultivation and stocking management choices.	5	External
AS 91931	The effects of primary production on the environment and how to reduce the effects e.g. fertilisers, pesticides, effluent and water	4	External

Agricultural and Horticultural Science Level 2

Pre-requisites: Discretion of HELA

Course Description: (500 characters maximum)

This course is for students wanting to continue or move into studies of primary industries or related careers such as vet nursing. Field trips and speakers from a range of farming businesses in North Canterbury and a week-long field trip combined with the Geography class will expand students' experience. Theory and practical classwork will be taught through group work and discussions, with field visits to observe practices on farms to enrich the learning.

How Will Students Learn & Be Assessed: (300 characters maximum)

OneNote is used to co-ordinate learning through classwork, links to industry sites, and summaries of main points. Reproduction techniques, animal behaviour and the environmental impact internals are assessed through oral or written reports. There are two examinations for the external standards.

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): \$350 if not taking Geo as well

Next Steps: (20 characters maximum) Employment in Primary Industries Level 3

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS 91292	Heat detection, artificial insemination, CIDRs, embryo transfers, castrating lambs and calves, keeping performance records and selecting the best animals for breeding.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91295	How animals behave and respond to practices like milking, tailing, drenching and velvetting.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91298	The environmental impact of one local product (e.g. dairy farming, sheep and beef) through guided research.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91290	Glasshouses, orchards, vineyards and plant nurseries: how temperatures, wind, light and frost can be managed for commercial plant production.	4	External	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Agricultural and Horticultural Science Level 3

Course Level: Level 3

Pre-requisites: Discretion of HELA

Course Description: (500 characters maximum)

This course is for students wanting to continue or move into studies of primary industries. Practical lab work, field trips in Canterbury and case studies beyond the region will expand students' experience. Marketing of primary products and market factors in NZ and internationally will be added to knowledge of farm practices. Care of the environment and sustainability in farming are woven through the course.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

OneNote is used to co-ordinate learning through classwork and links to industry sites so information is current in this sophisticated industry. Animal husbandries and plant production systems will be studied as businesses that are meeting consumer demands. There is one examination for the external standards.

Reading Credits towards University Entrance: 15

Writing Credits towards University Entrance: 15

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): **Nil**

Next Steps: (30 characters maximum) Employment. Tertiary studies in Ag or Commerce

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS 91528	Attributes of a crop that are important to consumers and influence their choices, by carrying out a practical investigation.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91529	Market factors that affect the profitability of farming, in domestic and international markets.	6	Internal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AS 91532	The environmental impact of one local product (e.g. dairy farming, sheep and beef) through guided research.	5	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AS 91531	How production processes match the market demands for NZ primary products.	4	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Art Level 1

Pre-requisites: None

Course Description: (20 characters maximum)

This course will act as an introductory course for all senior programmes in the Visual Arts. Students will experiment widely with media and techniques across a range of Visual Art disciplines, including Painting, Photography, Design and New Media. Students will develop discipline specific skills and develop approaches to creative idea generation and develop a range of approaches to support problem solving and diverse thinking in the Arts and beyond.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will learn through practical tasks and assignments. Assessment is based on workbook evidence and on a two panel folio.

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (*monetary or items needed for course*): Will need to purchase an A3 Visual Diary, paints, pencils, brushes and art wallet. A stationery list will be provided.

Next Steps: (30 characters maximum) Yr 12 Painting, Yr 12 Design, Yr 12 Photography

Standard No. & Version	Learning about ...	Credits	Internal/ External
91912.1	Use practice-based visual inquiry to explore Aotearoa New Zealand's Māori context and another cultural context	5	Internal
90913.1	Produce resolved artwork appropriate to establish art making conventions	5	Internal
90914.1	Explore Visual Arts processes and conventions to inform own art making	5	External
91915.1	Create a sustained body of related artworks in response to an art making proposition	5	External

Biology Level 2

Pre-requisites: 11 SCIE or 11 AGHO

Course Description: (500 characters maximum)

In this course, practical work is used to study a range of lifeforms and genetic processes. Speciation (changes in species over time) is studied considering responses to changing environments. Students' interests can be followed with flexible choices of animals and plants studied for internals. The course fosters engagement in Biology by building respect for objective evidence through practical lab work, modelling, investigation, data collection, interpretation and analysis.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Practical laboratory work, data processing, comparisons and evaluations of differences amongst living things. The course will be finalized to match the interests of students and assessed with internal standards for 10 credits. At least one external must be taken for 4 external credits.

Reading Credits towards University Entrance: Nil

Writing Credits towards University Entrance: 4

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (*monetary or items needed for course*): Nil

Next Steps: (30 characters maximum) Year 13 Bio, Chem, AgHort. ITOs

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS 91153	Designing a valid laboratory investigation on a cell process then analysing and interpreting the data.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91155	How animals' digestive systems are different, comparing their adaptations to show how they meet each animal's needs in their habitat.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91154	How to recognise the validity of "science" information presented to the public about a social issue	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91157	How individuals are genetically different from each other and how species change over time in response to their environments.	4	External	<input type="checkbox"/>	<input checked="" type="checkbox"/>
AS91159	How genes are the instructions for building proteins such as enzymes and muscle fibres, and about the steps in the process.	4	External	<input type="checkbox"/>	<input type="checkbox"/>

Biology Level 3

Pre-requisites: 12 Bio or 12 AgHort preferred

Course Description: (500 characters maximum)

This course includes in-depth studies of animal and plant biochemical and behavioural responses with a trip to Orana Park to collect animal behaviour data. The course fosters engagement in biology and a respect for objective evidence through practical work and discussions. Higher thinking and formal academic writing skills are developed to defend or refute current theories. Evolutionary trends are covered from a dynamic and historical perspective.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Student interests can be followed by selecting examples within each topic while also expanding their knowledge about life on earth. Debating of objective evidence is encouraged as understanding deepens. The course will be assessed with 10 internal and at least one external (max 9 external credits).

Reading Credits towards University Entrance: 15

Writing Credits towards University Entrance: 9

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): **Nil**

Next Steps: (30 characters maximum) Tertiary health, vet, agri, ecology

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS 91603	How animals and plants detect and respond to their environments. Migration, homing, circadian rhythms, mate selection and breeding strategies; timing of flowering and germination, competition and protection from predators.	5	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AS 91601	Gathering objective data about animal behaviour at Orana Park; analysing it and comparing it to other published studies.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91602	A socio-scientific issue and developing a response to address the issue	3	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AS 91606	How evidence of changes in human form has been gathered and analysed. Current theories about human evolution and challenges to them as new evidence emerges.	4	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
AS 91607	How humans manipulate gene transfer through selective breeding and modern molecular genetic techniques.	3	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Business Studies **Level 2**

Pre-requisites: None.

Course Description: (500 characters maximum)

Plan, take to market, review and then refine a business activity incorporating a community well-being focus, basing recommendations for the future on market feedback. Investigate the application of motivation theory in a business.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Level 2 Business Studies is assessed by four achievement standards. Three standards will be assessed internally during the year and one standard is assessed externally at the end of the year.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Click or tap here to enter text.

Next Steps: (30 characters maximum) **Business Studies Level 3**

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
90843	Demonstrate understanding of the internal operations of a large business	4	External	<input type="checkbox"/>	<input type="checkbox"/>
90846	Conduct market research for a new or existing product	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
90848	Carry out, review and refine a business activity within a community context with guidance	9	Internal	<input type="checkbox"/>	<input type="checkbox"/>
90847	Investigate the application of motivation theory in a business	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Business Studies Level 3

Pre-requisites: None

Course Description: (500 characters maximum)

Plan, take to market, review and then refine an innovative, sustainable business activity; analyse the activity and its success in the marketplace. Analyse how and why New Zealand businesses operating in global markets make operational and strategic decisions in response to interacting internal and external factors.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Level 3 Business Studies is assessed internally and externally during the year by two internal achievement standards and one external achievement standard.

Reading Credits towards University Entrance: 10

Writing Credits towards University Entrance: 4

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Tertiary studies in Commerce

Standard No.	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91379	Demonstrate understanding of how internal factors interact within a business that operates in a global context	4	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
91382	Develop a marketing plan for a new or existing product	6	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91384	Carry out, with consultation, an innovative and sustainable business activity	9	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Carpentry Level 1

Pre-requisites: None

Course Description: (500 characters maximum)

In Carpentry you will learn skills which will be useful for the rest of your life, even if you have no intention of taking on any of the building trades as a career path. You may work towards gaining a National Certificate in Building, Construction and Allied Trades Skills (BCATS) Level 2. If you are interested in gaining this certificate you need to achieve a minimum of 41 credits, including some from Maths and English.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will construct two items of Outdoor Furniture in order to complete the Unit Standards available. Many of the Unit Standards require you to “Demonstrate knowledge of, or use of” tools, equipment, and materials, which means you must apply what you have learnt throughout the year. Please note many of the final assessments will aim to be completed by the end of Term 3.

Assessment Method: Internal

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course): **\$20 plus the cost of project materials used.**

Next Steps: (30 characters maximum) **Level 2 Carpentry / BCATS Level 2**

Standard No. & Version	Learning about ...	Credits	Internal/ External
US24352	Safe working practices	2	Internal
US25920	Use joints for BCATS project	3	Internal
US24355	Demonstrate knowledge of construction and manufacturing materials used in a BCATS project.	4	Internal
US12932	Garden furniture and construction equipment.	8	Internal
US24356	Apply elementary procedures and processes in a BCATS project.	8	Internal

Carpentry Level 2

Pre-requisites: Level 1 Carpentry recommended

Course Description: (500 characters maximum)

This is a practical course where students will design and build a piece of furniture which includes a cupboard and drawer. Through doing this they will learn safe working practices when using a range of hand and power tools and practical skills that will remain with them into the future

Assessment Method: Internal

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed on both their practical skills and theory knowledge through the BCAT unit standards. Theory elements will be completed in the BCAT workbooks provided.

Reading Credits towards University Entrance: N/A

Writing Credits towards University Entrance: N/A

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course): **\$20 plus the cost of materials used in their project.**

Next Steps: (30 characters maximum) **Level 3 Carpentry / BCATS Level 3**

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
US24354	Demonstrate knowledge of health and safety legislation and apply safe working practices in a BCATS environment.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US25921	Make a Cupboard with a drawer as a BCATS project.	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US12927	Demonstrate knowledge of, select, maintain, and use hand tools for a BCATS projects.	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US24350	Identify, select, use, and maintain portable power tools for BCATS projects.	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Carpentry Level 3

Pre-requisites: Level 2 Carpentry

Course Description: (500 characters maximum)

Carpentry and Furniture at Level 3 requires students to independently design, develop and build a project which is of Level 3 complexity. Students need to be self-motivated and have a skill level which will allow them to use a wide range of hand and power tools to complete their project safely and to a high standard.

Assessment Method: Internal

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed on both their practical and theory knowledge using the BCATS unit standards. Students are required to keep a detailed project diary of their build including photographic evidence.

Reading Credits towards University Entrance: N/A

Writing Credits towards University Entrance: N/A

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course): **\$20 plus the cost of any materials used.**

Next Steps: (30 characters maximum) **Apprenticeship in Building, Construction and Allied Trades.**

Standard No.	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
US29677	Students are able to follow safe workplace practices and contribute to a health and safety culture, in BCATS environments.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US29678	Students are able to demonstrate knowledge of, select, and use a range of materials for a Stage 3 BCATS project.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US29679	Students are able to develop and use BCATS project documentation for a Stage 3 BCATS project.	8	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US29680	Students are able to communicate and work collaboratively in a Stage 3 BCATS project.	5	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US29681	Students are able to measure and calculate for a Stage 3 BCATS project.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US29682	Select , use, and maintain tools and equipment for a Stage 3 BCATS project.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US29684	Undertake a Stage 3 BCATS project.	12	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Chemistry Level 2

Pre-requisites: 11 SCIE or 11 AGHO

Course Description: (500 characters maximum)

Level 2 Chemistry includes a field trip to Canterbury University. The course fosters engagement in Chemistry through data gathering, interpretation and analysis, reflecting the nature of science with a respect for evidence, and building on capabilities from previous science courses. Precision skills are learned in the laboratory and internally assessed, as is an application of chemistry in use today. External standards develop understanding of bonding, energy, and organic chemistry.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Practical laboratory work throughout the year builds understanding. The workbook provides structured exercises to develop detailed calculation skills and apply concepts. Both internals test practical skills and calculations. There are two examinations for the externals.

Reading Credits towards University Entrance: Nil

Writing Credits towards University Entrance: Nil

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) L3 Chemistry

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS 91910	How to determine the concentration of a compound, by titration, in everyday products.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91911	How to identify ions present in water samples.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91164	The different types of bonds that hold matter together and the energy released when molecules react.	5	External	<input type="checkbox"/>	<input type="checkbox"/>
AS 91165	The physical and chemical properties of selected organic compounds and their uses in modern society	4	External	<input type="checkbox"/>	<input type="checkbox"/>

Chemistry Level 3

Pre-requisites: 12 Chemistry preferred

Course Description: (500 characters maximum)

This course fosters engagement in Chemistry through data gathering, interpretation and analysis, reflecting the nature of science with a respect for evidence. The course builds on capabilities developed in Level 2. Interpretation of redox reactions and the investigation of the vitamin C content in a food are assessed internally. It is a useful foundation for tertiary health, veterinary and food sciences.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Practical laboratory work and a structured workbook develop more complex skills, building on previous learning. Two Internals involve data interpretation and guided research. There are two external examinations to assess the concepts and use of chemistry conventions.

Reading Credits towards University Entrance: Nil

Writing Credits towards University Entrance: Nil

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): NIL

Next Steps: (30 characters maximum) Tertiary sciences

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS91387	Conducting a storage trial on a consumer product.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91393	The chemistry of batteries and extracting metals.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91390	The structure of atoms, particles and the forces that hold them together.	5	External	<input type="checkbox"/>	<input type="checkbox"/>
AS 91392	The solubility of salts in solutions and the pH of solutions.	5	External	<input type="checkbox"/>	<input type="checkbox"/>

Commerce **Level 1**

Pre-requisites: None

Course Description: (500 characters maximum)

Commerce is the use and exploration of accounting, economic, and business concepts and models to make sense of society and solve problems. In this subject, ākonga will build the knowledge, skills, and values they need to navigate, and participate in, the economic world. They will learn how participants in the economic world make decisions, and they will analyse how these decisions impact on sustainability.

How Will Students Learn & Be Assessed: (300 characters maximum)

Ākonga will learn that decision-making is necessitated by scarcity and that decisions are informed by a variety of cultural perspectives and lenses. Learning and assessment will examine Māori, Pacific, and different approaches to commerce, and business models from whānau and organisation contexts.

Assessment Method: Internal & External

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): **Nil**

Next Steps: (30 characters maximum) **Accounting Level 2, Business Studies Level 2, Economics Level 2**

Standard No. & Version	Learning about ...	Credits	Internal/ External
92031	Demonstrate understanding of how an organisations financial viability is affected by an event	5	External
92030	Demonstrate an understanding of how inter-dependent financial relationships are affected by an event	5	External
92028	Demonstrate understanding of an organisation's financial decision	5	Internal
92029	Demonstrate understanding of price determination for an organisation	5	Internal

Design Level 2

Pre-requisites: 11 Art or by Interview with HOD Art

Course Description: (500 characters maximum)

This course is for students wishing to develop a series of broad-based skills and knowledge in art design. Students will be introduced to software used to create 2D, 3D and Motion Graphic outcomes and will be essential for students wishing to pursue careers in the creative industries including Graphic Design, Animation, Film, Virtual Reality Production and Architecture.

Assessment Method: Achievement Standards

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will learn through a series of practical tasks designed to build knowledge and skills in a range of graphic design contexts. Students will collate evidence of design work produced throughout the year and will submit work in the form of printed A3 assignment(s) and an A1 portfolio of two panels.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: Yes

Course Contribution (*monetary or items needed for course*): **None. A Laptop that that can run Photoshop is recommended but optional.**

Next Step: Level 3 Design

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91310	Use drawing methods to apply knowledge of conventions appropriate to design	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91315	Develop ideas in a related series of drawings appropriate to established design practice91315	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91320	Produce a systematic body of work that shows understanding of art making conventions and ideas within design	12	External	<input type="checkbox"/>	<input type="checkbox"/>

Design Level 3

Pre-requisites: Level 2 Art Design or Interview with HOD Art

Course Description:

This course is for students who want to extend their knowledge of how to design and create projects for print design and moving image based media. Students will spend a significant amount of time working on a long term design project of their choice. This course is essential for students interested in a career in the creative industries including Graphic Design, Animation, Film, Virtual Reality Production and Architecture.

Assessment Method: Achievement Standards

How Will Students Learn & Be Assessed:

Students will learn through a series of practical tasks designed to build knowledge and skills in a range of graphic design contexts. Students will collate evidence of design work produced throughout the year and will submit work in the form of printed A3 assignment(s) and an A1 portfolio of three panels.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: Yes

Course Contribution (*monetary or items needed for course*): **None. A laptop capable of running Photoshop is optional but highly recommended.**

Next Step: Tertiary degrees are available at a range of NZ Universities

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91455	Use drawing to develop understanding of conventions appropriate to design.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91450	Systematically clarify ideas using drawing informed by established design practice.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91455	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice.	14	External	<input type="checkbox"/>	<input type="checkbox"/>

DVC (Design & Visual Communication) Level 1

Pre-requisites: None

Course Description: (500 characters maximum)

This course is a NCEA course made up of Achievement standards that fall out of the Design and Visual Communication domain. Students who take this course will need to design, create and evaluate both product and spatial design outcomes, then visually communicate these ideas. Students will then be required to create 3D models using digital software and demonstrate instrumental drawing techniques.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed using a project approach. Each project will be a substantial piece of work and will be submitted either in digital format or using an A3 Portfolio. Each project will be tailored towards students achieving in both internal and external standards.

Assessment Method: Internal & External

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (*monetary or items needed for course*): There is no cost to take this course but there is a requirement for stationery and software purchases to support the course.

Next Steps: (30 characters maximum) Please contact Mrs Black if you are interested in this course.

Standard No. & Version	Learning about ...	Credits	Internal/ External
AS92000 v2	Generate product or Spatial Design ideas using visual communication techniques in response to design influences.	5 Credits	Internal
AS92001 v2	Use representation techniques to visually communicate own product or spatial design outcome.	5 Credits	Internal
AS92002 v2	Develop product or spatial design ideas informed by the consideration of people.	5 Credits	External
AS92003 v2	Use instrumental drawing techniques to communicate own product or spatial design outcome.	5 Credits	External

DVC (Design & Visual Communication) Level 2

Pre-requisites: None but preferable to have completed 11DVC

Course Description: (500 characters maximum)

This course is a NCEA course made up of Achievement Standards that fall out of the Technology and Design and Visual Communication domains. Students who take this course will need to design, create and evaluate design outcomes for a space and product, then visually communicate these. They will have an opportunity to develop a product design for an item of their choice and also create a spatial design for an intended client. Students will then be required to create 3D models using digital software and demonstrate instrumental drawing techniques.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed using a project approach. Each project will be a substantial piece of work and will be submitted either in digital format or using an A3 Portfolio. Each project will be tailored towards students achieving in both internal and external standards.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course): There is no cost to take this course but there is a requirement for stationery and software purchases to support the course.

Next Steps: (30 characters maximum) Please contact Mrs Black to discuss further.

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS91342 V4	Develop a product design through graphics practice	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS91341 V4	Develop a spatial design through graphics practice	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS91354 V3	Undertake brief development to address an issue	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS91343 V4	Use visual communication techniques to compose a presentation of a design	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>

DVC (Design & Visual Communication) Level 3

Pre-requisites: None but preferable to have completed 12DVC

Course Description: (500 characters maximum)

This course is a NCEA course made up of Achievement standards that fall out of the Technology and Design and Visual Communication domains. Students who take this course will need to design, create and evaluate design outcomes for a space and product, then visually communicate these. They will have an opportunity to develop a product design for an item of their choice and also create a spatial design for an intended client. Students will then be required to create 3D models using digital software and demonstrate instrumental drawing techniques.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed using a project approach. Each project will be a substantial piece of work and will be submitted either in digital format or using an A3 Portfolio. Each project will be tailored towards students achieving in both internal and external standards.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course): There is no cost to take this course but there is a requirement for Stationery and Software purchase to support the course.

Next Steps: (30 characters maximum) Please contact Mrs Black to discuss further.

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS91630 V3	Resolve a product design through graphics practice	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS91629 V3	Resolve a spatial design through graphics practice	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS91608 V3	Undertake brief development to address an issue within a determined context	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS91628 V3	Develop a visual presentation that exhibits a design outcome to an audience	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>

English Level 1

Pre-requisites: None

Course Description: (500 characters maximum)

This course builds on the skills covered in the Year 9 and 10 programme and encourages practical experience in areas such as fiction writing, non-fiction writing as well as responding to different genres and styles. A range of literature is studied. Through English, ākonga can develop the literacy, communication, and interpersonal skills they need to access learning in other subjects and contexts. Studying English also develops the critical thinking and analytical skills that are valued in all subjects and in many occupations.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed through both internal and external Achievement Standards.

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Level 2 English

Standard No. & Version	Learning about ...	Credits	Internal/ External
91924	Demonstrate understanding of how context shapes verbal language use	5	Internal
91926	Develop ideas in writing using stylistic and written conventions	5	Internal
91925	Demonstrate understanding of specific aspects of studied text	5	External
91927	Demonstrate understanding of significant aspects of unfamiliar texts	5	External

English Level 2

Pre-requisites: Level 1 English

Course Description: (500 characters maximum)

Students study an enjoyable variety of literary genre over the year including a selection of poetry, short stories, a novel and films. Particular attention is paid to the intention of the author, and how successfully their ideas are communicated. Students will continue to develop their skills in thinking, analysing and evaluating. The craft of writing is practiced encompassing a variety of styles, with a strong emphasis on the editing and proof reading of their work. Class and group discussion of literature and language topics is encouraged, and connections between taught and self-selected texts is an important part of this course.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed through both internal and external Achievement Standards.

Reading Credits towards University Entrance: 12

Writing Credits towards University Entrance: 14

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): **Nil**

Next Steps: (30 characters maximum) **Level 3 English**

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91099	Analyse specified aspect(s) of visual or oral text(s), supported by evidence.	4	External	<input type="checkbox"/>	<input type="checkbox"/>
91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence.	4	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
91101	Produce a selection of crafted and controlled writing.	6	Internal	<input type="checkbox"/>	<input checked="" type="checkbox"/>
91104	Analyse significant connections across texts, supported by evidence.	4	Internal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
91105	Use information literacy skills to form developed conclusion(s).	4	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91107	Analyse aspects of visual and/or oral text(s), through close viewing and/or listening, supported by evidence.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>

English Level 3

Pre-requisites: Level 2 English

Course Description: (500 characters maximum)

This course explores the two strands of the English Curriculum: Making Meaning (reading, listening and viewing – where you are being assessed on the quality of your understanding and interpretation of texts) and Creating Meaning (writing, speaking and presenting – where you are being assessed on how well you express your ideas through drafting, crafting and polishing your work) and the three modes of written, visual and oral language. English will also help you to achieve University Entrance (as an approved subject with 14+ credits) and will support your growth as a writer across the curriculum. This is an academic course where you will be required to read and appreciate literature and language. You will develop critical skills and be required to interpret and evaluate texts. This course prepares you for Scholarship English if you choose to take it.

How Will Students Learn & Be Assessed: (300 characters maximum)

Internal and External Achievement Standards

Reading Credits towards University Entrance: 8

Writing Credits towards University Entrance: 14

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) University Study

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91473	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence.	4	External	<input type="checkbox"/>	<input checked="" type="checkbox"/>
91474	Respond critically to aspects of unfamiliar written texts through close reading, supported by evidence.	4	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
91475	Produce a selection of crafted and controlled writing which develops, sustains and structures ideas.	6	Internal	<input type="checkbox"/>	<input checked="" type="checkbox"/>
91479	Develop an informed understanding of literature and/or language using critical texts.	4	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91480	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Gateway

Pre-requisites: Interest in industry related work experience.

Course Description: (500 characters maximum)

The Gateway programme is available to selected Year 12 and 13 students who are genuinely interested in a career in a particular industry. Students should expect to spend one day a week at their work placement. This structure is dependent on the individual employer and may vary. Students will not gain automatic entry to Gateway as places are limited. An interview and selection process will take place. A workplace health and safety course, facilitated by an off-campus provider, is held over 2 days.

Assessment Method: Internal

How Will Students Learn & Be Assessed: (300 characters maximum)

Gateway is a programme which offers senior students' direct pathways to further training and employment, while achieving industry/work-related Unit Standards up to Level 3, through structured workplace learning, off-site courses and Core Skills Unit Standards.

Reading Credits towards University Entrance: No

Writing Credits towards University Entrance: No

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course):
Gateway and Star funding covers most costs.

Next Steps: (30 characters maximum) Level 3, Employment, Apprenticeships, National Certificates, Tertiary Study.

Standard No. & Version	Learning about ...	Credits	Internal/ External
4253 v 7	Job search skills.	3	Internal
10780 v 5	Participating in a work experience placement.	3	Internal
4252 v 8	Writing a targeted Curriculum Vitae.	2	Internal
30265 v 2	Applying health and safety risk assessments in the workplace.	8 - Level 3	Internal
17592 v 6	Identifying the causes of back injuries and methods to prevent them in the workplace.	4 – Level 3	Internal
22316 v 6	Managing drug and alcohol problems in the workplace.	4 – Level 3	Internal
4521 v 3	Plan a career pathway. .	3 - Level 3	Internal

Geography Level 1

Pre-requisites: Nil

Course Description: (500 characters maximum)

The major aim of Geography is to develop an understanding of the environment as the home of people. Geographers do this by looking for all the things that make up the natural and cultural environment and then seeing how they affect each other. In Year 11 our studies focus on a local river and how it impacts on our environment. We also look at a issue or a geographic challenge in the wider Pacific region.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be taught through a range of mediums, from classroom to online lessons. We will use a number of online tools such as GiS, Google maps and our own Social Sciences

website. The internal assessments can be handwritten or completed on Word. There will also be the opportunity for several fieldtrips throughout the year. Students will have the opportunity to sit up to two external papers.

Reading Credits towards University Entrance: Nil

Writing Credits towards University Entrance: Nil

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (*monetary or items needed for course*): **There will be a contribution required for a THREE Day trip to Mount Cook OR A TWO Day trip to Kaikoura.**

Next Steps: (30 characters maximum) Level 2 Geography

Standard No. & Version	Learning about ...	Credits	Internal/ External
91932	The spatial distribution of phenomena in the environment. NZ Earthquakes.	5	I
91933	Explore te taiao (environment) using data (local river).	5	I
91934	Demonstrate understanding of how natural processes operate within te taiao.	5	E
91935	Demonstrate Understanding of Geographic decision making in Aotearoa NZ or the Pacific.	5	E

Geography **Level 2**

Pre-requisites: Preferably Year 11 Geography or at the approval of the Social Sciences HELA

Course Description: (500 characters maximum)

The main aim of Geography is to develop an understanding of the environment as the home of people. Geographers do this by looking for all the things that make up the natural and cultural environment and then seeing how they affect each other. In Year 12 we build on the basic geographic skills that you learnt in Year 11. We also study the South Island High Country, a global issue and a contemporary issue. Our research this year is based around the weather in the Hurunui region.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be taught through a range of mediums, from classroom to online lessons. We will use a number of online tools such as GIS, Google Maps and our own Social Sciences website. The internal assessments can be handwritten or completed on Word. We also learn in the field with our week-long trip around the South Island High Country.

Reading Credits towards University Entrance: 4

Writing Credits towards University Entrance: Nil

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): \$350 for trip

Next Steps: (30 characters maximum) Level 3 Geography

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91240	Understanding the South Island High Country	4	External	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91243	Apply geographic skills and concepts to a given environment	4	External	<input type="checkbox"/>	<input type="checkbox"/>
91244	Research on weather in the Hurunui Region	5	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91245	Contemporary issue – should Westport be moved?	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91246	Global Issue – Species Extinction	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Geography Level 3

Pre-requisites: Year 12 Geography or permission of the teacher in charge

Course Description: (500 characters maximum)

The main aim of Geography is to develop an understanding of the environment as the home of people. Geographers do this by looking for all the things that make up the natural and cultural environment and then seeing how they affect each other. In Year 13 we build on the basic geographic skills that you learnt in Years 11 & 12. This year our studies focus on tourism on the Gold Coast of Australia. Our other assessments are student choice.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be taught through a range of mediums, from classroom to online lessons. We can also use a number of online tools such as Google Maps and our own online website. The internal assessments can be handwritten or written on Word. We also learn in the field with our week-long trip to the Gold Coast of Australia.

Reading Credits towards University Entrance: 14

Writing Credits towards University Entrance: 8

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): \$600 towards Gold Coast trip

Next Steps: (30 characters maximum) Further education and/or employment

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91427	Tourism development on the Gold Coast	4	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
91429	Understand an environment through geographic skills and concepts	4	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
91431	(Global pattern) Student Choice	3	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91432	Contemporary issue – Student Choice	3	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91430	Research - Student Choice	5	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Health Level 1

Pre-requisites: None

Course Description: (500 characters maximum)

Students in this course develop their understanding of factors that holistically influence and enhance the wellbeing (hauora) of individuals and society. This is done through developing knowledge and strategies to deal with personal wellbeing while being able to apply this information to different models of health. These learnings will be taught through one of the following learning areas; Food and Nutrition, Mental Health or Relationships and Sexuality.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will learn through online activities in OneNote, classwork, workbook activities, practical activities and videos. Students will be assessed through answers to scenarios, progress logs, written evaluations, and a written exam.

Assessment Method: Internal & External

There are 2 internal standards and 2 external standards. It will be at the teacher's discretion whether the course will use all 4 standards or just 3. At least one of these will always be an external standard.

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Health Level 2

Standard No. & Version	Learning about ...	Credits	Internal/ External
92008	Demonstrate an understanding of Hauora in a health-related context through the application of a model of health.	5	Internal
92009	Demonstrate an understanding of a decision-making process in a health-related situation.	5	Internal
92010	Demonstrate an understanding of factors that influence Hauora (wellbeing).	5	External
92011	Demonstrate an understanding of strategies that enhance Hauora (wellbeing).	5	External

Health Level 2

Pre-requisites: Health Level 1

Course Description: (500 characters maximum)

Level 2 Health focuses on extending students understanding of health and wellbeing concepts, particularly in relation to adolescent health issues and managing change. It aims to equip students with the knowledge, skills and attitudes necessary to make informed decisions about their own health and wellbeing and to contribute to the wellbeing of others and their community.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will learn through online activities in OneNote, classwork, workbook activities, practical activities, research projects and videos. Students will be assessed through answers to scenarios, progress logs, written evaluations, and a written exam.

Reading Credits towards University Entrance: No

Writing Credits towards University Entrance: No

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Level 3 Health

Standard No.	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91235	Analyse an adolescent health issue.	5	External	<input type="checkbox"/>	<input type="checkbox"/>
91236	Evaluate factors that influence people's ability to manage change.	5	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91237	Take action to enhance an aspect of people's wellbeing within the school or wider community.	5	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91238	Analyse an interpersonal issue(s) that places personal safety at risk.	4	External	<input type="checkbox"/>	<input type="checkbox"/>
91239	Analyse issues related to sexuality and gender to develop strategies for addressing the issues.	5	Internal	<input type="checkbox"/>	<input type="checkbox"/>

History Level 1

Pre-requisites: Sound literacy level has been proven.

Course Description: (500 characters maximum)

History fires students' curiosity and imagination. It invites them to ask, answer and engage in the past to speculate on the future. It helps students to understand the diverse origins of our society and inspires students to become confident, questioning and empathetic. At Year 11 students will choose a historical event, place or person using a variety of primary sources to consider how this event has shaped New Zealand today. Students will also look at a perspectives on a historical event, place or person.

How Will Students Learn & Be Assessed: (300 characters maximum)

History is a subject that is teacher led, but also has independent research time. You will be assessed through both internal and external assessments.

Assessment Method: Internal & External

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Year 12 History

Standard No. & Version	Learning about ...	Credits	Internal/ External
92024	Engage with a variety of primary sources in a historical context	5	Internal
92025	Demonstrate understanding of the significance of a historical context	5	Internal
92026	Demonstrate understanding of historical concepts in contexts of significance to Aotearoa New Zealand	5	External
92027	Demonstrate understanding of perspectives in a historical context	5	External

History Level 2

Pre-requisites: Preferably Year 11 History or at the approval of the Social Sciences HELA

Course Description: (500 characters maximum)

History fires students' curiosity and imagination. It invites them to ask, answer and engage in the past to speculate on the future. It helps students to understand the diverse origins of our society and inspires students to become confident, questioning and empathetic. At Year 12 we focus on the bombing of Hiroshima and Nagasaki in 1945, and the Holocaust. Students will also have free choice of another topic for their research.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be taught through a range of mediums, from classroom to online lessons. The internal assessments can be handwritten or completed on Word. There will be an expectation that students will present a short talk about their historical research.

Reading Credits towards University Entrance: 23

Writing Credits towards University Entrance: 9

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Level 3 History

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91229	Carry out an inquiry of an historical event or place of significance to New Zealanders.	4	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91230	Examine an historical event or place of significance to New Zealanders.	5	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91231	Examine sources of an historical event that is of significance to New Zealanders.	4	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
91232	Interpret different perspectives of people in a historical event that is of significance to New Zealanders.	5	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91233	Examine causes or consequences of a significant historical event.	5	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

History **Level 3**

Pre-requisites: Level 2 History or with permission of the HELA of Social Sciences

Course Description: (500 characters maximum)

At Year 13 students mainly focus on New Zealand historical events, and the causes and consequences of another historical event. Focus areas are negotiable. History fires students' curiosity and imagination. It invites them to ask, answer and engage in the past to speculate on the future. It helps students to understand the diverse origins of our society and inspires students to become confident, questioning and empathetic.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be taught through a range of mediums, from classroom to online lessons. The internal assessments can be handwritten or completed on Word. There will be an expectation that students will present a short talk about their historical research. The fieldtrip will be negotiable and numbers dependant.

Reading Credits towards University Entrance: 25

Writing Credits towards University Entrance: 10

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): TBA

Next Steps: (30 characters maximum) Further education or employment

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91434	Research a historical event or place of significance to New Zealanders using primary and secondary sources	5	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91435	Analyse an historical event or place of significance to New Zealand	5	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91436	Analyse evidence relating to historical events of significance to New Zealanders.	4	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
91437	Analyse different perspectives of a contested event of significance to New Zealanders.	5	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
91438	Analyse causes and/or consequences of a significant historical event.	6	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Hospitality Level 1

Pre-requisites: An interest in food preparation and hospitality.

Course Description: (500 characters maximum)

With a constant emphasis on food safety and organisation this course recognises the competence, knowledge and skills required for cooking food dishes in a simulated commercial kitchen environment. The topics are many and varied and will enable the students to create a portfolio of a plethora of cooking experiences alongside nutritional and food related knowledge.

How Will Students Learn & Be Assessed: (300 characters maximum)

The programme combines theory with practical hands-on learning. Workplace-based Service IQ booklets and written assessments are utilised. Electronic evidence needs to be completed.

Assessment Method: Internal

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Level 2 Hospitality, Gateway or employment in a hospitality related industry.

Standard No. & Version	Learning about ...	Credits	Internal/ External
15892 v 6	Terminology associated with food and recipes in commercial cookery.	5	Internal
21059 v 5	The correct use, care, storage and carrying of knives in the hospitality industry.	2	Internal
15920 v 6	Preparing and presenting sauce and soup in the hospitality industry.	2	Internal
15901 v 6	Preparing and presenting fruit and vegetable cuts in the hospitality industry.	3	Internal
15919 v 6	Prepare and present hot finger food,	2	Internal
15895 v 6	Boiling and baking in the hospitality industry.	3	Internal
22234 v 6	Preparing, presenting and comparing international dishes.	Level 2 – 4 credits	Internal

Hospitality Level 2

Pre-requisites: An interest in food preparation and hospitality.

Course Description: (500 characters maximum)

Level 2 Hospitality will equip the students with skills and knowledge, so they feel confident to either gain employment in a commercial food environment, or progress to further related study.

Assessment Method: Internal

How Will Students Learn & Be Assessed: (300 characters maximum)

The course is a mix of practical hands-on learning and theory work. Attaining the Unit Standards offered means a student has "consistently and competently" demonstrated the range of skills required in a simulated commercial food premises. Workplace-based Service IQ booklets and written assessments are utilised. Electronic evidence needs to be completed.

Reading Credits towards University Entrance: No

Writing Credits towards University Entrance: No

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Level 3 and 4 Hospitality at ARA/Te Pukenga or related employment.

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
167	Food safety in a food business.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
30895	Basic nutrition knowledge in commercial catering.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
13272	Cooking foods by baking	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
13271	Cooking foods by frying.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
17285	Espresso beverages using commercial espresso coffee equipment.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
13280	Fruits and vegetable cuts in a commercial kitchen.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
13283	Preparing and presenting salads for service in commercial catering.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
13276	Cooking foods by grilling.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Mathematics Level 1

Pre-requisites: Numeracy CAA

Course Description: (500 characters maximum)

Students will study 15 credits from those listed below, based on their learning progression and strengths. Topics covered throughout the year will include Number, Algebra, Measurement, Geometry and Statistics. Students will develop ways of thinking and applying knowledge to solve problems.

How Will Students Learn & Be Assessed: (300 characters maximum)

In a typical maths lesson, students will use symbols, graphs, displays, and diagrams. They will evaluate information, find patterns and relationships that will help them to make informed decisions.

Students will be assessed through internal assessment and external assessments.

Assessment Method: Internal & External

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): **A Casio fx-82 Calculator.**

Next Steps: (30 characters maximum) **Level 2 Maths with Algebra or Maths with Statistics**

Standard No. & Version	Learning about ...	Credits	Internal/ External
91944	Explore data using the statistical enquiry process.	5	Internal
91945	Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific.	5	Internal
91946	Interpret and apply mathematical and statistical information in context.	5	External
91947	Demonstrate mathematical reasoning.	5	External

Mathematics Toolkit Level 1

Pre-requisites: None

Course Description: (500 characters maximum)

There will be a mixture of Year 11, Year 12 and Year 13 students taking this course and everyone will be working towards building a practical toolkit of mathematical skills and knowledge. This course focuses on preparing students for the numeracy CAA through the mathematics they will encounter in life and work beyond school. Some students will remain in Maths Toolkit for 2 or 3 years. Students who only remain in the course for 1 year will complete some, not all, of the standards listed below. Students who achieve their numeracy CAA have the option to continue into Level 2 Statistics.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will do in class individual assessment tasks as well as the digital numeracy CAA.

Assessment Method: Internal & External

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): **A Casio scientific calculator is recommended.**

Next Steps: (30 characters maximum) **Students might remain in Maths Toolkit next year, or go on to Level 2 Statistics.**

Standard No. & Version	Learning about ...	Credits	Internal/ External
32406	Apply mathematics and statistics in a range of everyday situations	10	External
AS91944	Explore Data using a statistical enquiry process	5	Internal
AS91945	Use mathematical methods to explore problems that relate to life in Aotearoa New Zealand or the Pacific	5	Internal

US28088	Describe credit and debt and their impacts on personal finances	3	Internal
US28089	Demonstrate knowledge of personal financial goal setting	3	Internal

Mathematics with Algebra Level 2

Pre-requisites: Level 1 Mathematics and numeracy CAA.

Course Description: This course further develops students' knowledge in the areas of Algebra and Geometry. Students will learn that Algebra is a broad style of Mathematics, and that Calculus is a specific branch of Algebra that they will be introduced to as the year progresses. Standards are selected to prepare students to move onto Mathematics with Calculus in Level 3.

Assessment Method: Internal & External

Internal/External/Both: Both

Reading Credits towards University Entrance: No

Writing Credits towards University Entrance: No

Course Endorsement Possible: Yes

Course Contribution (*monetary or items needed for course*): A Casio scientific calculator.

Next Step: Level 3 Calculus or Level 3 Statistics

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91257	Apply graphical methods in solving problems	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91259	Apply trigonometric relationships in solving problems	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91260	Apply network methods in solving problems	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91262	Apply calculus methods in solving problems	5	External	<input type="checkbox"/>	<input type="checkbox"/>
91269	Apply Systems of equations in solving problems	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91256	Apply co-ordinate geometry methods in solving problems	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Mathematics with Statistics Level 2

Pre-requisites: Numeracy CAA

Course Description: (500 characters maximum)

This course combines elements of the Statistical Enquiry Cycle, from designing a questionnaire to evaluating statistical reports. There are practical aspects such as carrying out a statistical experiment and simulating a situation involving probability. Standards are selected to prepare students to move onto Mathematics with Statistics in Level 3.

Assessment Method: Internal & External

Reading Credits towards University Entrance: Yes AS91266

Writing Credits towards University Entrance: Yes AS91266

Course Endorsement Possible: Yes

Course Contribution (*monetary or items needed for course*): **Recommended to have a Casio graphics calculator.**

Next Step: Level 3 Mathematics with Statistics

Standard No. & Version	Learning about ...Title	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91264	Use statistical methods to make an inference.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91265	Conduct an experiment to investigate a situation using statistical methods.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91268	Investigate a situation involving elements of chance using a simulation	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91263	Design a questionnaire	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91267	Apply probability methods in solving problems.	4	External	<input type="checkbox"/>	<input type="checkbox"/>
91266	Evaluate a statistically based report	2	Internal	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Mathematics with Calculus Level 3

Pre-requisites: Level 2 Mathematics

Course Description: (500 characters maximum)

Students will build on their learning from Level 2 by continuing their study of Algebra, Trigonometry and Differentiation.

Assessment Method: Internal & External

Reading Credits towards University Entrance: No

Writing Credits towards University Entrance: No

Course Endorsement Possible: Yes

Course Contribution (monetary or items needed for course): A Casio scientific calculator.

Next Step: Level 4 in Engineering or Mathematics. Calculus has applications to the physical, life and earth sciences as well as to commerce and the humanities.

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91574	Apply linear programming methods in solving problems.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91575	Apply trigonometric methods in solving problems.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91576	Use critical path analysis in solving problems	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91578	Apply differentiation methods in solving problems	6	External	<input type="checkbox"/>	<input type="checkbox"/>
91587	Apply systems of simultaneous equations in solving problems.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Mathematics with Statistics Level 3

Pre-requisites: Level 2 Statistics or Level 2 Calculus

Course Description: The course will be designed around the requirements of our incoming Statisticians with either further understanding of probability or evaluating statistical reports. This will depend on both the results from Year 12 and their future pathways. Students will

continue to develop their investigation of different types of data including bivariate and time series.

Assessment Method: Internal & External

Reading Credits towards University Entrance: 4

Writing Credits towards University Entrance: 4

Course Endorsement Possible: Yes

Course Contribution (*monetary or items needed for course*): Recommended to have a Casio graphics calculator.

Next Step: This course provides the statistical background needed for tertiary study in Biological and Social Sciences, Business, Management and any field where data collection and analysis are important.

Standard & Version No.	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91580	Investigate time series data	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91581	Investigate bivariate measurement data	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91583	Conduct an experiment to investigate a situation using experimental design principles	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91584 OR 91586	Evaluate statistically based reports OR Apply probability distributions in solving problems	4	External	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
91576	Use critical path analysis in solving problems	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Media Studies Level 2

Pre-requisites: None

Course Description: (*500 characters maximum*)

The desire for humanity to tell a story is an age-old need. Storytelling has developed from basic cave drawings and recounting heroic deeds; to the creation of epic films and the ever-morphing phenomenon we call social media. To equip students with a wider variety of skills, both practical and written, this course is designed to provide an authentic context for those students who wish to understand and explore storytelling – be it in film, graphic novels, animation or some other media. Please note, Art skills are not required.

Assessment Method: Internal

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will learn through a series of projects that are integrated together to provide a deeper knowledge and opportunity for exploration and achievement. Assessment will be evidence based and include a practical submission.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 3

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): \$30

Next Steps (30 characters maximum): L3 Media Studies, Level 3 Design

Standard No. & Version	Learning about...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91255	Write a developed media text for a specific target audience	3	Internal	<input type="checkbox"/>	<input checked="" type="checkbox"/>
91252	Produce a design and plan for a developed media product using a range of conventions	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91253	Complete a developed media product from a design plan using a range of conventions	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91249	Demonstrate an understanding of narrative in a media text(s)	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Media Studies Level 3

Pre-requisites: None

Course Description: (500 characters maximum)

To equip students with a range of media skills, both practical and written, this course is designed to provide an authentic context for those students who wish to understand and explore visual storytelling - be it in film, graphic novels, animation or other media.

Assessment Method: Internal

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will learn through a series of projects that are integrated together to provide a deeper knowledge and opportunity for exploration and achievement. Assessment will be evidence based and include a practical submission.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 3

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): **\$30**

Next Steps (30 characters maximum): **Tertiary study at a range of NZ Universities and Polytechnics**

Standard No. & Version	Learning about...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91497	Write a media text to meet the requirements of a brief	3	Internal	<input type="checkbox"/>	<input checked="" type="checkbox"/>
91494	Produce a design for a media product that meets the requirement of a brief	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91495	Produce a media product to meet the requirements of a brief	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91491	Demonstrate understanding of the meaning of a media text through different readings	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Outdoor Education **Level 2**

Pre-requisites: None

Course Description: (500 characters maximum)

This course develops personal and leadership skills over a wide range of outdoor activities. This learning will encompass a wide variety of activities that may include; mountain biking, day hikes, multi day hiking and camping, bush craft skills, orienteering/rogaining and sea kayaking. The actual outdoor activities selected throughout the year will vary depending on the size and makeup of the class. We will focus on exploring and learning in the beautiful outdoor environments of the Canterbury and Tasman regions.

Assessment Method: Internal

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will learn through online activities in OneNote, classwork, videos, demonstrations, and practical work. Assessment is via completion of Unit Standard workbooks – short answers, mapping, and demonstration of practical skills in the field. The standards listed below may differ based on the makeup of the class and the physical contexts chosen.

Reading Credits towards University Entrance: None

Writing Credits towards University Entrance: None

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course): **\$150 - \$200**

Next Steps: (30 characters maximum) **Level 3 Outdoor Education**

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
457	Mountain bike on intermediate to expert terrain in Hanmer Springs.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
20138	Set up and maintain a mountain bike	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
19428	Demonstrate sea kayaking skills in the Marlborough Sounds.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
4573	Communicate in the outdoors using a two-way radio.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
20159	Demonstrate knowledge of weather for an expedition in the Marlborough Sounds.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
32850	Evaluate your self contained multi-day trip in the Marlborough Sounds.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
32840	Prepare for tramping in the Lewis Pass.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
26249	Demonstrate skills for an overnight tramp.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Outdoor Education **Level 3**

Pre-requisites: NCEA Level 2

Course Description: (500 characters maximum)

This course focuses on outdoor leadership skills and working independently to plan and undertake self-directed journeys. These journeys will be determined by the numbers in the class and often students will have an input into what these journeys may look like. Standards outlined below may differ from year to year, depending on the makeup of the class.

Assessment Method: Internal

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will learn through online activities in OneNote, classwork, videos, demonstrations, and practical work. Assessment is via completion of Unit Standard workbooks and demonstration of practical skills in the field. The standards listed below may differ based on the makeup of the class and the physical contexts chosen.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course): \$100

Next Steps: (30 characters maximum) Outdoor Careers

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
28392	Learn to Scuba dive in open water.	7	Internal	<input type="checkbox"/>	<input type="checkbox"/>
28407	Complete a series of boat dives in Akaroa.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91501	Demonstrate scuba diving skills in open water.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
20817	Complete a series of mountain bike rides on grade 3 terrain in Hanmer Springs	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>
32841	Prepare for an overnight trip.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
32850	Complete and evaluate a multiday expedition.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
427	Demonstrate correct river crossing techniques.	2	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Paint Level 2

Pre-requisites: 11 Art or by Interview with HOD Art

Course Description: This course is for students wanting to explore and develop a deeper range of skills and techniques in practical painting. Students will learn to think through drawing into painting and develop visual responses to an individual theme and will use artist models to aid in exploring solutions to painting problems. This course develops creative thinking and problem-solving skills and is useful in developing life skills essential in successful academic achievement.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed:

Students will learn through a series of practical tasks designed to build knowledge and skills in a range of painting contexts. Students will collate evidence of artwork produced

throughout the year and will submit work in the form of printed A3 assignment(s) and an A1 portfolio of two panels.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: Yes

Course Contribution (*monetary or items needed for course*): **None.**

Next Step: Level 3 Design

Standard No. & Version	Learning about...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91311	Use drawing methods to apply knowledge of conventions appropriate to painting	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91316	Develop ideas in a related series of drawings appropriate to painting practice	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	12	External	<input type="checkbox"/>	<input type="checkbox"/>

Paint Level 3

Pre-requisites: Level 2 Art Painting or Interview with HOD Art

Course Description:

This course is for students who wish to extend their knowledge and understanding of picture making principles through paint. Students will use research and investigative procedures to develop and manage a three-panel folio project. Painting styles will be explored and extended. Out of class time to complete task will be required. This course further develops creative thinking and problem-solving skills and is useful in developing life skills essential in successful academic achievement.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed:

Students will learn through a series of practical tasks designed to build knowledge and skills in a range of painting contexts. Students will collate evidence of artwork produced throughout the year and will submit work in the form of printed A3 assignment(s) and an A1 portfolio of three panels.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: Yes

Course Contribution (*monetary or items needed for course*): **None.**

Next Step: Tertiary degrees are available at a range of NZ Universities

Standard No. & Version	Learning about...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91446	Use drawing to develop understanding of conventions appropriate to painting.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91451	Systematically clarify ideas using drawing informed by established painting practice.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice.	14	External	<input type="checkbox"/>	<input type="checkbox"/>

Photography **Level 2**

Pre-requisites: None

Course Description: This course is for students wanting to discover the world of image making through a photographic lens. Students will be taught the foundational skills and knowledge needed to use a camera creatively, including how to take full control of a camera, understand picture making concepts and conventions and develop and apply Photoshop skills to their work.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed:

Students will learn through a series of practical tasks designed to build knowledge and skills in a range of photographic contexts. Students will collate evidence of photographs produced throughout the year and will submit work in the form of printed A3 assignment(s) and an A1 portfolio of two panels.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: Yes

Course Contribution (*monetary or items needed for course*): **None. A DSLR camera and laptop capable of running Photoshop is optional but highly recommended.**

Next Step: Level 3 Design

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91312	Use drawing methods to apply knowledge of conventions appropriate to photography.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91317	Develop ideas in a related series of drawings appropriate to established photography practice.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91322	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography.	12	External	<input type="checkbox"/>	<input type="checkbox"/>

Photography Level 3

Pre-requisites: Level 2 Art Painting or Interview with HOD Art

Course Description:

This course is for students who wish to extend their knowledge and understanding of picture making principles through paint. Students will use research and investigative procedures to develop and manage a three-panel folio project. Painting styles will be explored and extended. Out of class time to complete task will be required. This course further develops creative thinking and problem-solving skills and is useful in developing life skills essential in successful academic achievement.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed:

Students will learn through a series of practical tasks designed to build knowledge and skills in a range of painting contexts. Students will collate evidence of art work produced throughout the year and will submit work in the form of printed A3 assignment(s) and an A1 portfolio of three panels.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: Yes

Course Contribution (*monetary or items needed for course*): **None.**

Next Step: Tertiary degrees are available at a range of NZ Universities

Standard No. & Version	Learning about...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
91446	Use drawing to develop understanding of conventions appropriate to painting.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91451	Systematically clarify ideas using drawing informed by established painting practice.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice.	14	External	<input type="checkbox"/>	<input type="checkbox"/>

Physical Education **Level 1**

Pre-requisites: None

Course Description: (*500 characters maximum*)

Students will be required to complete a number of practical activities throughout the year. Most activities are completed over a long period of time. You will be expected to apply your “learned” knowledge into these practical activities and report back your findings during your assessment opportunities. Assessment dates will be determined by your teacher.

How Will Students Learn & Be Assessed: (*300 characters maximum*)

Students will learn through their own experiences during different practical activities/sports backed up with some theory during lab based activities, online activities on OneNote, kahoots, class quizzes, poster creations and their own research. Their assessment submissions can be presented through PowerPoint, word documents or oral presentations.

Assessment Method: Internal & External

Course Endorsement Possible: Yes

Course Contribution (*20 characters maximum*) (*monetary or items needed for course*): **\$150 trips**

Next Steps: (30 characters maximum) **Physical Education Level 2 or Outdoor Education**

Standard No. & Version	Learning about ...	Credits	Internal/ External
92016	Apply movement strategies in an applied setting.	5	Internal
92017	Demonstrate understanding of how kotahitanga (unity/togetherness) is promoted in movement through the application of strategies.	5	Internal
92018	Demonstrate understanding of how personal movement experiences influence hauora (wellbeing).	5	External
92019	Demonstrate an understanding of the influences on movement in Aotearoa (NZ) or the Pacific.	5	External

Physical Education **Level 2**

Pre-requisites: NCEA Level 1

Course Description: (500 characters maximum)

This course will offer students the opportunity to experience and participate in a wide range of physical activities and outdoor pursuits. Students will select five Achievement Standards that have practical and classroom sessions to complete. Students will investigate techniques to improve their physical skills and fitness. They will plan, implement and undertake an outdoor experience and manage the associated risks. Finally, they will develop interpersonal and leadership skills as well as being socially responsible for a group of students.

Assessment Method: Internal

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will learn through online activities in OneNote, classwork, videos, demonstrations, and practical work. Students will be assessed by practical rubric, written reviews and essays, logbooks, written research project.

Reading Credits towards University Entrance: No

Writing Credits towards University Entrance: No

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): **\$100-\$200** trip dependent

Next Steps: (30 characters maximum) **Level 3 Physical Education, Level 3 Outdoor Education**

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS2.4 (91330)	Perform a physical activity to the required standard: eg Athletics, Netball, Basketball, Badminton.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS2.5 (91331)	Examine the significance for self, others and society of a sporting event, a physical activity, or a festival.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS2.6 (91332)	Evaluate leadership strategies that contribute to the effective functioning of a group.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS2.7 (91333)	Analyse the application of risk management strategies to a challenging outdoor activity.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS2.8 (91334)	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS2.9 (91335)	Examine the implementation and outcome(s) of a physical activity event or opportunity.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Physical Education **Level 3**

Pre-requisites: NCEA Level 2

Course Description: (500 characters maximum)

Students will plan and complete a challenging outdoor activity, implementing strategies to be successful in the activity and manage the safety requirements. Students will complete a research project where they examine a current physical activity event or issue, then implement a personal training programme to improve their fitness and skills in their chosen sport. At the completion of the training programme students skills in their chosen sport will be assessed. This is an academic course that requires critical thinking and good literacy skills.

Assessment Method: Internal

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will learn through online activities in OneNote, classwork, videos, demonstrations, and practical work. Students will be assessed by practical rubric, written essays and reviews, research project. 80% of this course is theory and written assessment work

Reading Credits towards University Entrance: Yes – 7 credits

Writing Credits towards University Entrance: No

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): **\$100 – 300** Trip dependent.

Next Steps: (30 characters maximum) Tertiary study or career in sport

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS3.3 (91500)	Plan and implement a training programme, then review its effectiveness.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS3.4 (91501)	Demonstrate quality performance of a physical activity: Netball, Basketball, Athletics, Scuba Diving	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS3.5 (91502)	Examine a current physical activity issue and its impact on New Zealand society.	4	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AS3.7 (91504)	Devise safety management strategies and apply them to an outdoor activity: Scuba Diving, Sea Kayaking	3	Internal	<input checked="" type="checkbox"/>	<input type="checkbox"/>
AS3.9 (91789)	Devise strategies to complete a challenging physical activity: Scuba Diving, Sea Kayaking	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Physics Level 2

Pre-requisites: 11 SCIE or 11 AGHO

Course Description: (500 characters maximum)

This course starts by building on Level 1 Science knowledge of relationships between energy, forces and motion for an external standard. The practical investigation (assessed internally) involves data collection and mathematical analysis of a non-linear relationship between force and motion. A second external may be taught depending on student interests and pathways: the options are waves or electricity. Atomic and nuclear physics is assessed internally and includes a field trip to the engineering school at the University of Canterbury.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

A write-on workbook reduces note-taking and provides structured activities and exercises to build understanding and skills. Laboratory work illustrates theory throughout the year and the trip to the engineering school at UC provides practical work on nuclear radiation. There is one examination for external standard(s).

Reading Credits towards University Entrance: Nil

Writing Credits towards University Entrance: Nil

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Level 3 Physics

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
AS 91168	Collecting and analysing data to investigate a non-linear relationship between force and motion.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91172	The history, theories and developing applications of nuclear physics starting with Rutherford. Radiation lab work at UC.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91169	The physics of medical and veterinary imaging	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91171	Complex effects of forces on motion using sporting and everyday situations; centripetal force, circular motion, projectile motion, momentum and power.	6	External	<input type="checkbox"/>	<input type="checkbox"/>
AS91173	Electric fields, DC circuits and electromagnetism: the concepts and mathematical relationships behind every day uses and phenomena. (optional)	6	External	<input type="checkbox"/>	<input type="checkbox"/>

Science Level 1

Pre-requisites: Open entry

Course Description: (500 characters maximum)

This course builds on what was learned in junior science; understanding key scientific concepts and developing skills such as observation and collecting evidence. It will prepare students for continuing with courses in physics, chemistry, biology and/or agriculture, so it keeps a range of pathways open.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will experiment, make models, collect and analyse data to learn about the most important concepts in sciences as they are relevant to everyday life. Write-on workbooks and OneNote will be used to minimise note writing and provide a range of learning methods.

Assessment Method: Internal & External

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Level 2 agricultural, biology, chemistry, physics

Standard No. & Version	Learning about ...	Credits	Internal/ External
AS 92921	Chemical reactions – combustion, neutralisation and precipitation and how products of these reactions are relevant to real world problems	6	Internal
AS 92020	Microorganisms and their relationship to the food industry.	5	Internal
AS 92047	Energy – movement, heat, insulation, and electrical systems.	5	External

Soft Materials Product Design Level 1

Pre-requisites: None

Course Description: (500 characters maximum)

This course is a NCEA course made up of Achievement standards that combine the Technology and Design and Visual Communication domains. Students who take this course will need to design, create and evaluate product outcomes using Soft Materials. Outcomes include clothing or items linked to the students interests that are made from scratch and/or upcycled from pre-existing pieces.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed using a project approach. Each project will be a substantial piece of work and will be submitted either in Digital format or using an A3 Portfolio. Each project will be tailored towards students achieving in both internal and external standards.

Assessment Method: Internal & External**Course Endorsement Possible: Yes**

Course Contribution (20 characters maximum) (*monetary or items needed for course*): **Students are given a budget to purchase materials, but may need to cover any expenditure above this. The finished product is considered a take home component.**

Next Steps: (30 characters maximum) **Please speak to Mrs Black for more information.**

Standard No. & Version	Learning about ...	Credits	Internal/ External
AS92012 v3	Develop a Material and Processing Technology Outcome for an Authentic Context.	6 Credits	Internal
AS92013 v3	Develop a Materials and Processing Technology outcome by transforming, manipulating, or combining different materials.	6 Credits	Internal
AS92015 v3	Demonstrate understanding of techniques selected for a feasible Materials and Processing Technology outcome	4 Credits	External

Soft Materials Product Design Level 2

Pre-requisites: None but preferable to have completed 11SMPD

Course Description: (500 characters maximum)

This course is a NCEA course made up of Achievement standards that fall out of the Technology and DVC (Design & Visual Communication) domains. Students who take this course will need to design, create and evaluate product outcomes using mainly Soft Materials. However, outcomes could be aligned to student interest, ie Leatherwork for a knife holder and belt / lace work for an evening dress or perhaps re-upholstering of an upcycled chair.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed using a project approach. Each project will be a substantial piece of work and will be submitted either in Digital format or using an A3 Portfolio. Each project will be tailored towards students achieving in both internal and external standards.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (*monetary or items needed for course*): Students will need to purchase materials and recycled products as needed. The project finished piece is considered a take home component.

Next Steps: (30 characters maximum) Please contact Mrs Peterson to discuss further.

Standard No.	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
US 6688	Incorporate applied design in fabric	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS 91345	Implement advanced procedures using textile materials to make a specified product with special features.	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS91357	Use design ideas to produce a conceptual design to address a brief	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS91350	Make advanced adaptations to a pattern to change the structural and style features of a design	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US91337	Prepare for and produce fashion drawings	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Soft Materials Product Design Level 3

Pre-requisites: None but preferable to have completed 12SMPD

Course Description: (500 characters maximum)

This course is a NCEA course made up of Achievement standards that fall out of the Technology and DVC (Design & Visual Communication) domains. Students who take this course will need to design, create and evaluate product outcomes using mainly Soft Materials. However, outcomes could be aligned to student interest, ie Leatherwork for a knife holder and belt / Lace work for an evening dress or perhaps re-upholstering of an upcycled chair.

Assessment Method: Internal & External

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed using a project approach. Each project will be a substantial piece of work and will be submitted either in Digital format or using an A3 Portfolio. Each project will be tailored towards students achieving in both internal and external standards.

Reading Credits towards University Entrance: 0

Writing Credits towards University Entrance: 0

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (*monetary or items needed for course*): Students will need to purchase materials and recycled products as needed. The project finished piece is considered a take home component.

Next Steps: (30 characters maximum) Please contact Mrs Peterson to discuss further.

Standard No.	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
US 6700	Prepare for and construct a textile item for specified purpose	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS91623	Implement advanced procedures using textile materials to make a specified product with special features.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US16837	Prepare for and produce fashion drawings	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
AS91621	Implement complex procedures using textile materials to make a specified product	6	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Te Reo Māori Level 1

Pre-requisites: None

Course Description: (500 characters maximum)

This is a new course for 2026, aimed at continuing to build students knowledge of te ao Māori through te reo Māori me ōna tikanga (the Māori language and practices). Students will build on their foundational reo skills to learn conversational written and spoken reo. Students will also develop their understanding of tikanga concepts such as mihi, pepehā, and more. Depending on student interest this course could include aspects of Te Ao Haka (Māori

performing arts). Through this, students would learn about different categories and features of Te ao Haka such as waiata, poi, mōteatea, haka and more.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will share their ideas and learning through a mixture of methods such as conversations, performance, and written assignments. NOTE: the list of internals and externals below are what CAN be offered. A choice of FOUR standards will be chosen in 2026 depending on numbers and interest. Assessments will be run in English but some will require students to show their knowledge of te reo Māori in their answers.

Assessment Method: Internal & External

Course Endorsement Possible: Yes

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Level 2 Te Reo Māori, Level 2

Standard No. & Version	Learning about ...	Credits	Internal/ External
AS92095	Students will learn different sentences structures to communicate in written reo Māori about familiar contexts.	5	External
AS90924	Students will learn about structures and words in reo Māori and build their skills to communicate these about a familiar context.	5	Internal
AS92092	Students will learn how to share and respond to ideas, information, and opinions in spoken reo Māori	5	Internal
AS92093	Students will learn how to use language features such as kiwaha (slang) and whakataukī (metaphor) to communicate about language vitality.	5	Internal
AS91976	Students will demonstrate an understanding of key features of Te Ao Haka such as wiri, pūkana, formations, poi and more. They will learn about variations in features between iwi and areas.	5	Internal
AS91977	Students will learn a range of different item from the Te Ao Haka discipline such as waiata ā-ringa, poi, haka, mōteatea and more. They will then choose one performance to submit for assessment.	6	Internal
AS91978	Students will learn about the different categories withing Te Ao Haka such as waiata, haka, mōteatea and more.	4	External

Technology Level 1

Pre-requisites: None

Course Description: (500 characters maximum)

Materials and Processing Technology is a hands-on creative subject where students will develop knowledge about materials, techniques and process. They will learn to plan projects and develop specifications through design concepts and use of briefs. This will lead them to create outcomes that address a need or opportunity.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students will be assessed on both their practical skill and theory knowledge. Unit standards will be completed using workbooks, however, if students opt to do the achievement standards available, they will be required to keep a detailed record of their learning and technological process and present this using PowerPoint or Word.

Assessment Method: Internal & External

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (*monetary or items needed for course*): **Project Materials used**

Next Steps: (30 characters maximum) Level 2 Technology

Standard No. & Version	Learning about ...	Credits	Internal/ External
AS92012 V3	Develop a Materials and Processing Technology outcome for an authentic context.	6	Internal
AS92013 V3	Develop Materials and Processing Technology outcome by transforming, manipulating, or combining different materials.	6	Internal
AS92014 V3	Demonstrate understanding of sustainable practices in the development of a Materials and Processing design.	4	External
AS92015 V3	Demonstrate understanding of materials and techniques for a feasible Materials and Processing Technology outcome.	4	External
US32051	Demonstrate and apply knowledge of mechanical engineering drawings and geometric construction in MaPS environment.	4	Internal

US22923	Demonstrate basic engineering workshop skills under close supervision.	12	Internal
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Tourism Level 2

Pre-requisites: Students need to have an interest in the concept of Tourism and the Tourism industry.

Course Description: (500 characters maximum)

In Level 2 Tourism the students will cover a range of standards that cover a wide range of topics from the general work roles in Tourism to NZ and world tourist destinations.

How Will Students Learn & Be Assessed: (300 characters maximum)

Students work independently and must be able to manage their time carefully. The unit standards are all internally assessed.

Course Endorsement Possible: No

Course Contribution (20 characters maximum) (monetary or items needed for course): Nil

Next Steps: (30 characters maximum) Level 3 Tourism

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
US 24732 v 3	Characteristics and needs of a tourist.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US 24728 v 3	Work roles in tourism.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US 24731 v 5	Aotearoa New Zealand as a tourist destination.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US 24729 v 4	World tourist destinations.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US 18237 v 4	Calculations for a tourism workplace.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US 24730 v 3	The business of tourism.	4	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US 23761 v 3	Tourism industry work documents.	3	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Tourism Level 3

Pre-requisites: Students need to have an interest in the concept of Tourism and the Tourism industry.

Course Description: *(500 characters maximum)*

In Level 3 Tourism the students will cover a range of standards from destinations in the Southern Hemisphere.

How Will Students Learn & Be Assessed: *(300 characters maximum)*

The New Zealand School of Tourism booklets are completed independently; therefore the students must be able to manage their time carefully. The unit standards are all internally assessed.

Course Endorsement Possible: No

Course Contribution *(20 characters maximum)* *(monetary or items needed for course):* Nil

Next Steps: *(30 characters maximum)* **Employment** in the Tourism industry, Tertiary study in Tourism.

Standard No. & Version	Learning about ...	Credits	Internal/ External	UE Literacy Reading	UE Literacy Writing
US 18212 v 5	Demonstrate knowledge of New Zealand as a tourist destination.	8	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US 18211 v 6	Demonstrate knowledge of Australia as a tourist destination.	5	Internal	<input type="checkbox"/>	<input type="checkbox"/>
US 3727 v 10	Demonstrate knowledge of Pacific Island countries as visitor destinations.	5	Internal	<input type="checkbox"/>	<input type="checkbox"/>

Trades Academy

Year 11 &12 (One day courses)

Students may have the opportunity to attend specified Introductory Trades Courses offered by the ARA or NTA as part of their dual programmes for schools. Students accepted and enrolled in Trades Academy Courses are enrolled with ARA / NTA on the days of the courses and not the school.

Purpose: To give students 'hands 'on' experience in a trade over the course of a year. This enables students to earn credits towards their NCEA and gain experience and insight into the trade/s to help with their decision making in further training and career pathways.

Students interested in a trades course will need to:

- **Discuss the programme with Mrs Peterson to determine the suitability of the course to the student's educational pathway**

- Complete an application form with High School endorsement form completed by the school
- Attend an interview with parents/caregiver with student advisers at the ARA Institute Campus in CHCH or the NTA campus on Macleans Island, CHCH

Courses for 2026

Please see Mrs Peterson for details of the courses available.

Credits: 30 - 35 credits available at Level 1 & 2.

Cost: Course is free.

Transport: Van and driver organised by the school departing 7.15am and returning 5.00pm.

For further information - see Mrs Peterson.

Year 12 & 13 (Two-day courses)

ARA and NTA offer two-day courses in Trades, Business, Retail and Hospitality, Farming and Animal Care – the selection process is the same as above, however current ARA / NTA students are usually interviewed at the end of their previous year course.

Transport: If sufficient numbers, a van and driver will be organised by the school departing 7.15am and returning 5.00pm.

For further information - see Mrs Peterson.