



Mackenzie College

SENIOR STUDENT

OPTION INFORMATION

2018

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INTRODUCTION

This booklet provides information for students and caregivers, about the courses that are offered in Years 11, 12 and 13 at Mackenzie College in 2018. College staff will guide you in making final decisions about your courses for the year. We pay particular attention to your previous achievement and learning skills, and future pathways in this process.

Options

The Year 11 to 13 course structure can be seen on page 8. This shows you how courses are organised. Reading the information here and talking to teachers should help you make your subject choices.

Year 12 and 13 students are encouraged to study at the level at which you are capable of achieving well. As a general rule you need to have passed 14 achievement standard credits in a course before advancing to the next level. If the course is assessed by unit standards, this will be different.

This year the courses in the senior school have all been reviewed. We are in a position to offer some new courses for 2018 and because of this and the change to a 6 option structure we need to know what student choices are before we arrange the option lines. We are also offering a few more courses than we will run. There will be 2 or 3 from this list that will not make it through to the final options. The final decisions will be based on student preference and what we can fit together in the options and timetable

NCEA

NCEA certificates are awarded at three Levels. Eighty credits are needed for each certificate with 60 at or above the level of the certificate.

Level	Subjects Taken	Literacy & Numeracy Requirements for Certificate
1 Year 11	English Mathematics Science Three other subjects.	10 credits Literacy 10 credits Numeracy
2 Year 12	Five or six subjects	None
3 Year 13	Five or six subjects	None (see next page for University Entrance requirements)

University Entrance (YEAR 13)

To be awarded UE you need:

- NCEA Level 3:
- 14 Level 3 credits in each of 3 approved subjects
- Literacy - 10 credits at Level 2 and above, made up of:
 - 5 credits in reading
 - 5 credits in writingThese credits are gained from specific standards in many different subject. Students are encouraged to ensure they achieve UE literacy in Year 12.
- Numeracy - 10 credits at Level 1 and above.
 - These credits are gained from some specific standards.

Many courses at university give preference to students with Merit and Excellence passes now. Canterbury University offer guaranteed scholarships for students achieving endorsed certificates in Levels 2 and 3. The chances of being successful in scholarship and halls of residence applications are significantly increased by having Merit or Excellence Certificate Endorsements. You can find details of scholarships on university websites including www.canterbury.ac.nz/prospectus/merit . This trend is continuing as places become more limited.

Fees:

The full entry fee for NCEA is \$76.70 each year which is required to be paid by the end of Term 2. Financial Assistance application forms are available from the school and the NZQA website. If the application is successful, this fee will be reduced to \$20.00 per individual, or no more than \$30 per family. Scholarship entries cost \$30 per subject.

See www.nzqa.govt.nz for all up to date information.

Choosing Your Subjects

To help you develop as a life-long learner who is ready to learn the new things you will need throughout your life we urge you to challenge yourself in the courses you choose. In many cases employers and tertiary institutions are looking for evidence that you are successful in learning and that you have a broad learning base to progress from.

Every student has their own unique needs and plans and sometimes they can be distracted by what others are choosing to do or perceived easy options. These next three steps are here to help you prioritise in making your decisions.

Step 1: Find out what subjects you need for your future career possibilities

Already have some career ideas?

Find out the must-have or most useful subjects for each of your career ideas.

Still unsure what career would suit you?

- Remember, it's OK if you're unsure what you want to do in future, but studying a broad range of subjects will keep your career options open.
- Choose what is challenging for you; don't do what is easy, keep a bit of pressure on yourself to achieve highly in challenging subjects.
- Keeping up with English, Mathematics and at least one Science subject is a good place to start.

It is important that you know the entry requirements for possible future careers. If you don't already know these there is a useful link on the next page.

The government target for secondary students is that everyone gains at least Level 2 NCEA before they leave school. Often an extra year of school can help your chances of selection for a job or course.

Step 2: Think about the subjects you achieve well in

Ask yourself:

- Which subjects am I strongest in?
- What subjects do others say I am good at?

But this is not an excuse *not* to challenge yourself, even if you did not achieve well previously

Step 3: Think about the subjects that you enjoy

What you enjoy doing inside and outside of school can help you choose what subjects to take. It is important to consider this but it is not necessarily the most important factor

Ask yourself:

- Which subjects do I like learning in now?
- What do I like doing outside school (e.g. playing music, helping people, thinking creatively)? Do any subjects include these activities?

Some further points to consider are listed below

- Generally the higher the level of the qualification sought, the higher the school qualification required. To study at university towards a degrees requires University Entrance.
- Careers such as trades which have an apprenticeship or pre-trade training requirement at present are not listed. Most currently require English, Mathematics and a Science to Level 2, as well as some other subjects.
- Vocational Pathway courses and Gateway can help students to gain entry to apprenticeships and courses.
- Success in tertiary education is usually predicted by success at school – the higher your achievement levels at school, the higher the chances of success at polytech or university.

CareersNZ Website

There are a huge range of careers out there. Fortunately there's a job database at www.careers.govt.nz/jobs. On it you can discover what subjects you need at school, where you can get the skills you'll need and what chance you'll have of getting a job. Below is a screenshot for the search "butcher" using this site.

The screenshot shows the CareersNZ website interface for the job 'Butcher'. On the left is a navigation menu with links: 'About the job', 'How to enter the job', 'Job opportunities', 'Related jobs', 'Related courses', and 'Related Trade Me Jobs vacancies', each with a downward arrow. Below the menu is a 'Back' button. The main content area features the job title 'Butcher' in large bold letters, followed by the Māori name 'Ringa Tapahi Miti'. Below this, it states 'This job is sometimes referred to by alternative titles' with a question mark icon. A descriptive sentence reads: 'Butchers cut, prepare and sell meat in a butcher's shop or a supermarket.' Below this are three key statistics: 'Pay' (Butchers usually earn \$16-\$25 per hour, Source: Competenz, 2016), 'Job opportunities' (represented by a gauge chart with 'AVERAGE' highlighted), and 'Length of training' (3-4 years, shown on a calendar icon).

SENIOR COURSES 2018

AS OFFERED SEPTEMBER 2017

(Note that up to 3 subjects will be removed based on student choices and timetable decisions)

Level 1	Level 2	Level 3 *UE Approved
Visual Art	Visual Art Painting or Photography	Visual Art Painting or Photography*
English	English	English*
	Media Studies	Media Studies
Mathematics	Mathematics	Calculus*
		Statistics & Modelling*
Physical Education	Physical Education	Physical Education*
Outdoor Education	Outdoor Education	Outdoor Education
Science	Physics	Physics*
	Chemistry	Chemistry*
	Biology	Biology*
Agriculture	Agriculture	Agriculture*
Social Sciences	Social Sciences	History (NetNZ)*
		Geography (NetNZ)*
Commerce	Commerce	Accounting*
		Economics*
	Agribusiness	Agribusiness
Design Technology	Design Technology	Design Technology*
Workshop Technology	Workshop Technology	Workshop Technology*
Food Technology	Food Technology	Food Technology*
	Hospitality	
Fashion Technology	Fashion Technology	Fashion Technology*
	Transition	Transition

COURSE OUTLINES

A very brief summary of information is provided here for each course. Learning areas are arranged alphabetically as listed in the index.

You are reminded about our guideline of 14 credits at the level below before taking the next level. This applies to Level 2 and 3 courses only.

Information about Vocational Pathways and Gateway for Years 12 and 13 and AgriLearn courses are also included.

ART Miss Rachel Thompson

<i>Subject</i>	Level 1 Visual Art
<i>Course description</i>	<p>In this course students will:</p> <ul style="list-style-type: none"> • Research a variety of artists from established practice. • Explore a variety of drawing processes using a range of media. • Generate and develop ideas in making artworks which culminates in a two panel folio for external assessment.
<i>Nature of assessment</i>	<p>14 internally assessed credits available + 12 externally assessed credits. Credits selected may vary depending on individual students.</p>
<i>Likely course costs</i>	<p>Practical subject fee \$60 Possible Arts Trip TBC Minimum of \$10 printing credits needed.</p>

<i>Subject</i>	Level 2 Painting
<i>Course description</i>	<p>In this course students will:</p> <ul style="list-style-type: none"> ● Investigate a range of painting processes and conventions. ● Research and document artist models. ● Generate and develop ideas using drawing processes and procedures in established painting practice. ● Produce a two panel folio, based on individual themes, demonstrating an understanding of ideas and conventions within painting.
<i>Nature of assessment</i>	<p>12 internally assessed credits available + 12 externally assessed credits Credits selected may vary depending on individual students.</p>
<i>Likely course costs</i>	<p>Practical subject fee approx. \$60 Possible Arts trip TBC \$10 print credit needed</p>

<i>Subject</i>	Level 2 Photography
<i>Course description</i>	<p>In this course students will:</p> <ul style="list-style-type: none"> ● Investigate a range of photography conventions with a DSLR camera. ● Research and document artist models. ● Generate and develop ideas using drawing processes and procedures in established photography practice. ● Produce a two panel folio, based on individual themes, demonstrating an understanding of ideas and conventions within photography.
<i>Nature of assessment</i>	<p>12 internally assessed credits available + 12 externally assessed credits Credits selected may vary depending on individual students.</p>
<i>Likely course costs</i>	<p>Practical subject fee approx. \$60 Students will need a USB and a camera of some kind Students will need sufficient printing credit throughout the year Possible Arts trip TBC</p>

***Printmaking may also be an option for some students, as a specialist subject at this level.**

Subject	Level 3 Painting
Course description	<p>In this course students will:</p> <ul style="list-style-type: none"> ● Research and analyse a range of painting conventions. ● Investigate and use ideas and methods of established painters in the context of a drawing study. ● Produce original paintings, based on an individual theme, in the form of a three panel folio to show extensive knowledge of art-making methods and ideas.
Nature of assessment	<p>8 internally assessed credits + 14 externally assessed credits Credits selected may vary depending on individual students. Students will need sufficient printing credit throughout the year Possible Arts trip TBC</p>
Likely course costs	Practical subject fee approx. \$60

Subject	Level 3 Photography
Course description	<p>In this course students will:</p> <ul style="list-style-type: none"> ● Research and analyse a range of photography conventions. ● Investigate and use ideas and methods of established photographic practice. ● Produce original photographs, based on an individual theme, in the form of a three panel folio to show extensive knowledge of photographic methods and ideas.
Nature of assessment	<p>8 internally assessed credits + 14 externally assessed credits Credits selected may vary depending on individual students.</p>
Likely course costs	<p>Practical subject fee approx. \$60 Students will need a USB and a camera of some kind Students will need sufficient printing credit throughout the year Possible Arts trip TBC</p>

***Printmaking may also be an option for some students, as a specialist subject at this level.**

ENGLISH Ms Jenny Cleland

<i>Subject</i>	Level 1 English
<i>Course description</i>	<p>In this course, students will:</p> <ul style="list-style-type: none"> ● Explore themes, characters, and techniques used to create stories through books, poetry and film. ● Create your own stories, speeches and visual texts through these powerful forms of self-expression. ● Make connections related to themes and characters' actions and behaviours, between and across several texts.
<i>Nature of assessment</i>	<ul style="list-style-type: none"> ● *18 - 20 credits internally assessed and a choice of 1 or 2 external standards on offer (4 or 8 credits.)
<i>Likely course costs</i>	<ul style="list-style-type: none"> ● \$10 printing credits. ● \$5 internal assessment wallet.

<i>Subject</i>	Level 2 English
<i>Course description</i>	<p>This is an academic course for Year 12 students who are confident in English and have obtained at least 16 credits in Level 1 English.</p> <p>In this course students will be offered:</p> <ul style="list-style-type: none"> ● A variety of standards but writing, research and reading responses are essential for UE literacy. ● Oral presentations and connections studies based around a variety of class texts.
<i>Nature of assessment</i>	*17 credits internally assessed and up to 8 credits externally assessed.
<i>Likely course costs</i>	<p>\$10.00 printing credits. \$5.00 internal assessment wallet.</p>

Subject	Level 3 English
Course description	<p>*Students need to have at least 13 Level 2 Achievement Standards in English and UE literacy.</p> <p>This is a Level 3 academic English Language and Literature course covering analysis of novels, poems, films, documentaries and short texts. You will research your own connections study, present a seminar and explore your own writing in different styles and for different purposes. Recently the chosen texts have been all American Literature, but this may change for 2017.</p>
Nature of assessment	*16 Internally assessed credits + up to 8 externally assessed credits.
Likely course costs	\$10 printing credits.

Subject	Level 2 Media Studies
Course description	<p>Level 2 Media studies is a course that explores how and why media texts are created and enables students to then make their own media product. Media includes, but is not restricted to: video games, short films, documentaries, music videos, T.V series, vlogs, print (magazine and newspaper).</p> <p>In this course, students will:</p> <ul style="list-style-type: none"> ● Study the narrative structure of media texts ● Explore conventions of media texts ● Investigate issues in the media industry ● Explore links between the media and societal contexts ● Plan, develop and produce their own media text
Nature of assessment	Up to 23 internally assessed credits + up to 8 externally assessed credits
Likely course costs	At least \$10 printing credits A storage device and a camera/phone

Subject	Level 3 Media Studies
Course description	<p>Level 3 Media Studies is a combination of media design and production of media text and academic study of key aspects of the media industry. Media includes, but is not restricted to: video games, short films, documentaries, music videos, T.V series, vlogs, print (magazine and newspaper).</p> <p>In this course, students will:</p> <ul style="list-style-type: none"> ● Study how societal trends and contexts influence the development in media over time ● Explore a variety of readings of media texts ● Research influences that have shaped the media industry and key genres ● Plan, script, develop and produce their own media text
Nature of assessment	Up to 22 internally assessed credits + up to 8 externally assessed credits
Likely course costs	<p>At least \$10 printing credits</p> <p>A storage device and a camera/phone</p>

MATHEMATICS Mrs Susan Fox

<i>Subject</i>	Level 1 Mathematics
<i>Course description</i>	Students will follow a course of study suited to their individual strengths. They will complete a minimum of 5 standards including at least one external standard.
<i>Nature of assessment</i>	Course consists of Internal and External Achievement Standard Assessments.
<i>Likely course costs</i>	Students must have a graphical calculator. Work books for this course will cost approximately \$35 in total.

<i>Subject</i>	Level 2 Mathematics
<i>Course description</i>	Students will complete a minimum of 5 Achievement standards including at least one external standards. Students need to be confident with algebraic manipulation for this course. Having passed either Linear Algebra and Tables Equations and graphs or the MCAT at level 1.
<i>Nature of assessment</i>	Course consists of Internal and External Achievement Standard Assessments.
<i>Likely course costs</i>	Students must have a graphical calculator. Work books for this course will cost approximately \$35 in total.

<i>Subject</i>	Level 3 Calculus
<i>Course description</i>	Students need to be confident with Level 2 Mathematics. This is a specialised course with relevance to students wishing to pursue a career in the STEM fields (Science, Technology Engineering and Mathematics). It is particularly useful to students taking Physics at Level 3. Students will study differentiation, integration and other branches of Mathematics suited to their individual needs. Workbooks will be per standard.
<i>Nature of assessment</i>	Course consists of two External Achievement Standard Assessments and at least two Internal Achievement Standard Assessments.
<i>Likely course costs</i>	Students must have a graphical calculator. Work books for this course will cost approximately \$35 in total.

<i>Subject</i>	Level 3 Statistics and Modelling
<i>Course description</i>	<p>Students need to be confident with Level 2 Mathematics.</p> <p>This is a specialised course for those with a future in Social Sciences, Biological Sciences, or anywhere statistics features.</p> <p>Students study probability, data analysis and interpretation.</p> <p>Workbooks for this course will be per standard.</p>
<i>Nature of assessment</i>	<p>Course consists of at least two External Achievement Standard Assessments and three Internal Achievement Standard Assessments.</p>
<i>Likely course costs</i>	<p>Students must have a graphical calculator.</p> <p>Work books for this course will cost approximately \$35 in total.</p>

PHYSICAL EDUCATION Mr Ben Horne

<i>Subject</i>	Physical Education Level 1
<i>Course description</i>	This is a sports science based course with theoretical components underpinning the practical sports. The modules include: theory and practice of training; learning about anatomy and physiology and how the body responds to exercise; movement quality and interpersonal skills, as well as responsibilities involved with participating in outdoor education and sports. Practical activities will probably include kayaking, off-road duathlon, cross-country skiing, tramping, road cycling.
<i>Nature of assessment</i>	100% internally assessed achievement standards. Written assignments, tests and practical performance
<i>Likely course costs</i>	Involvement in 1-2 camps - each approx. \$60, plus Level 1 Workbook \$20

<i>Subject</i>	Physical Education Level 2
<i>Course description</i>	Students will study the science of sport through Physical Education. With a mix of practical and theory components. Theory work includes anatomy, exercise, physiology, biomechanics, skill learning, principles and methods of training, communication and leadership, as well as safety and risk management in the outdoors. Practical activities will probably include kayaking, off-road duathlon, cross-country skiing, tramping, road cycling.
<i>Nature of assessment</i>	100% internally assessed achievement standards. Written assignments, tests and practical performance
<i>Likely course costs</i>	Involvement in 1-2 camps - each approx. \$60, plus Level 2 Workbook \$20

<i>Subject</i>	Physical Education Level 3
<i>Course description</i>	This is a practical course focused on leadership and communication, practical sports, training principles and one research project. The course will be designed on consultation with students and their areas of interest and ability.
<i>Nature of assessment</i>	100% internally assessed achievement standards. Written assignments, tests and practical performance.
<i>Likely course costs</i>	Involvement in 1-2 camps - each approx. \$60, plus Level 3 Workbook \$20

Subject	Outdoor Education Level 1-2
Course description	This new course will be run over two years with students being involved in land and water based outdoor pursuits, gaining credits along the way. The course will develop students knowledge and skills in kayaking, tramping, rock climbing, mountain biking, sailing and more. There will be time out of school for the camps and trips and students are expected to catch up on missed work from other subjects.
Nature of assessment	Predominantly Unit Standard based assessments with no overlap with PE assessments.
Likely course costs	This is dependent on the pursuits chosen by the students. Up to \$600.

Subject	Outdoor Education Level 3
Course description	At Level 3, Outdoor Education will involve specialising in one land based activity and 1 water based activity and completing unit standards associated with those pursuits. You will also be heavily involved in leadership of the Level 1 and 2 students on trips and in class time.
Nature of assessment	Predominantly Unit Standard based assessments with no overlap with PE assessments.
Likely course costs	This is dependent on the pursuits chosen by the students. Up to \$600.

SCIENCE Mrs Kate Pagan

<i>Subject</i>	Level 1-3 Agriculture Practical Skills - AgriLearn
<i>Course description</i>	<p>In this course students will cover:</p> <ul style="list-style-type: none"> ● Health and Safety in farming. ● Practical fencing – tools, equipment and tying knots etc. ● Animal Handling –Nutrition, prevention and treatment of disease, water supply, pasture mixes/weeds. ● Motorbike and ATV safety and riding. <p>This course is designed to give students an insight to the health and safety of farming and learning practical skills. This course caters for students who have an interest and have had some experience on farm.</p> <p>We have a limited number of vacancies for this course and a selection process is followed. At this stage it is assumed that students will also be taking Level 1 Agriculture. It is not a stand-alone subject.</p> <p>Students will cover the theory of this course in class and the practical days will be run by AgriLearn (Washdyke). It also requires some time during 3DLE and possibly weekend time.</p>
<i>Nature of assessment</i>	<p>The unit standards will be assessed in two ways: Internally assessed for the theory unit standards, which will be in school. Practical unit standards assessed by tutors from outside the school, which are also internally assessed over three practical days.</p>
<i>Likely course costs</i>	<p>This course has a fixed number of places which the school funds through the star budget. There will be some costs for transport to Timaru.</p>

<i>Subject</i>	Level 1 Agriculture
<i>Course description</i>	<p>In this course students will cover aspects of New Zealand Primary Production. The focus will be on management practices of soils and animals. You will looking at the distribution of the farming practices throughout New Zealand and the impacts on the environment.</p>
<i>Nature of assessment</i>	<p>NCEA Achievement Standards. A mix of internally and externally assessed standards.</p>
<i>Likely course costs</i>	<p>Workbook approximately \$28.00</p>

Subject	Level 2 - 3 Agriculture
Course description	This course will focus on the Agricultural Science of the primary industries. You will learn about aspects of livestock and plant production. There will be the opportunity to carry out an extended practical investigation with a focus of your choice. This course is designed to cater for the academic person who has an interest in pursuing some avenue within the Agriculture sector. Year 12 course is based mainly on aspects of agriculture inside the farm gate. The Year 13 course concentrates on a New Zealand wide focus.
Nature of assessment	Achievement Standards assessed both internally and externally.
Likely course costs	Costs up to \$100 mostly for trips.

Subject	Level 1 Science
Course description	In this course students will: <ul style="list-style-type: none"> ● Cover aspects of Chemistry, Biology, Physics and possibly either Astronomy or Geology. ● Carry out practical investigations. ● Explore scientific knowledge through research, practical work and book work. ● Be provided with a suitable foundation for those students intending to further their education in Science at higher levels.
Nature of assessment	Assessments will be a mixture of internal and external achievement standards.
Likely course costs	Workbooks – up to \$30

Subject	Level 2 Biology
Course description	In this course students will: <ul style="list-style-type: none"> ● Cover aspects of ecology, cell biology, genetics, evolution, plants and animals. ● Carry out practical investigations. ● Participate in a two day fieldtrip to Fox Peak to study mountain ecology.
Nature of assessment	Assessment will be a combination of internal and external Achievement Standards that will be theoretical and practical based.
Likely course costs	Education Perfect license– up to \$25. Fox Peak fieldtrip – approx. \$60

Subject	Level 3 Biology
Course description	In this course students will: <ul style="list-style-type: none"> ● Broaden and deepen their understanding of Biology. ● Learn about aspects of plant and animal responses, genetics, DNA technology and evolution, including human evolution. ● Participate in a field trip to Portobello to work with post-graduate university students in a marine laboratory setting.
Nature of assessment	Assessments will be a mixture of internal and external Achievement Standards.
Likely course costs	Workbooks – up to \$35. Portobello Field Trip – approx. \$180

Subject	Level 2 Chemistry
Course description	In this course students will: <ul style="list-style-type: none"> ● Cover aspects of the structures of chemicals, how they bond together and how they react together. ● Use practical work to support their learning. ● Have in depth understanding of how chemistry affects all things around us.
Nature of assessment	Assessments will be a mixture of internal and external Achievement Standards that will be theoretical and practical based.
Likely course costs	Workbooks – up to \$28.

Subject	Level 3 Chemistry
Course description	In this course students will: <ul style="list-style-type: none"> ● Build on the learning of Level 2 Chemistry. ● Cover aspects of physical, inorganic and organic chemistry. ● Complete an extended laboratory investigation which looks into chemistry in real life situations.
Nature of assessment	Assessments will be a mixture of internal and external Achievement Standards that will be theoretical and practical based.
Likely course costs	Workbooks – up to \$35.

<i>Subject</i>	Level 2 Physics
<i>Course description</i>	<p>In this course students will:</p> <ul style="list-style-type: none"> ● Build on what is learnt in Level 1, however the majority of the content is new. ● Cover aspects of radioactivity, mechanics, electricity and electromagnetism. ● Use practical work and research to allow you to apply your knowledge to new situations.
<i>Nature of assessment</i>	Assessments will be a mixture of internal and external Achievement Standards that will be theoretical and practical based. This course is evenly weighted between external and internal assessments.
<i>Likely course costs</i>	Workbooks – up to \$30.

<i>Subject</i>	Level 3 Physics
<i>Course description</i>	<p>In this course students will:</p> <ul style="list-style-type: none"> ● Build on the understanding you have gained at Level 2, and slo introduce some new concepts. ● Cover aspects of wave properties, mechanics, electricity, electromagnetism and radioactivity. You will carry out practical work and research to support your learning, and also gain an understanding of some key experiments that have helped to shape how we view the universe.
<i>Nature of assessment</i>	Assessments will be a mixture of internal and external Achievement Standards that will be theoretical and practical based. This course is split evenly between internal and external assessments, with some flexibility depending on your needs.
<i>Likely course costs</i>	Workbooks – up to \$30.

SOCIAL SCIENCES Mrs Jo Parke

<i>Subject</i>	Level 1 Commerce
<i>Course description</i>	<p>Level 1 Commerce is designed to give students an introduction to Economics and Accounting.</p> <p>Economics gives an introduction to the workings of the NZ economy. It focuses on how consumers and producers interact through the market forces of supply and demand.</p> <p>Accounting focuses on the processing of financial transactions for a small business and the financial statements that would be prepared.</p>
<i>Nature of assessment</i>	There will be a mix of internal and external achievement standards in this course, with a maximum of 20 credits available.
<i>Likely course costs</i>	<p>\$30 for workbooks and Accounting paper.</p> <p>\$5 of printing credits.</p>

<i>Subject</i>	Level 2 Commerce
<i>Course description</i>	<p>Level 2 Commerce combines aspects of Accounting and Economics.</p> <p>Accounting focuses on the recording of financial transactions through to financial statements. Students will also do computer processing using MYOB, and study how businesses are aiming to be more sustainable.</p> <p>Economics will allow students to explore issues such as inflation and economic growth. Government policies in relation to social issues and sustainable development will also be studied.</p> <p>14 credits in Level 1 Commerce is desirable but not essential.</p>
<i>Nature of assessment</i>	There will be a mix of internal and external achievement standards in this course, with a maximum of 23 credits available.
<i>Likely course costs</i>	<p>\$25 for workbooks.</p> <p>\$5 of printing credits.</p>

Subject	Level 3 Economics
Course description	Students will study the economic theory of marginal analysis, market equilibrium and market failure. Practical examples within the New Zealand economy are highlighted to tie theory to reality and are analysed for the impact they have on the way the New Zealand economy functions. 14 credits at Level 2 Economics is desirable but not essential.
Nature of assessment	There will be a mix of internal and external achievement standards in this course, with a maximum of 14 credits available. UE is available in this course, as are UE Reading and Writing credits.
Likely course costs	\$25 for workbooks. \$5 of printing credits.

Subject	Level 3 Accounting
Course description	Level 3 Accounting provides a foundation for the study of Accounting at tertiary level. Students are introduced to accounting for partnerships, companies, and manufacturing businesses and management control concepts. Sound completion of Level 2 Accounting standards is essential.
Nature of assessment	There will be a mix of internal and external achievement standards in this course, with a minimum of 14 credits available. UE is available in this course, as are some Reading and Writing credits.
Likely course costs	\$25 for a workbook. \$5 of printing credits.

Subject	Level 1 Geography and History
Course description	This course is a mix of Geography and History standards chosen to introduce students to the different aspects of each subject. Geography explores the relationship between people and the earth. History explores what happened in the past and how that can impact on the future, through the study of significant local and international events.
Nature of assessment	A mixture of internal and external standards which give students the opportunity to achieve 14 credits in each subject.
Likely course costs	\$25 for a workbook. \$100 Field trip cost (2017).

Subject	Level 2 Geography and History
Course description	Students will have options to study from both subjects. Level 2 Geography includes the study of development and patterns around the world and the natural landscape of the South Island. Level 2 History includes significant historical events to New Zealand and famous conspiracy theories.
Nature of assessment	A mixture of internal and external standards which give students the opportunity to achieve 14 credits in each subject.
Likely course costs	\$25 for a workbook. \$100 - \$150 Field trip cost (depending on the topics students choose).

Subject	Level 2 & 3 Agribusiness
Course description	This course will focus on sustainability, environmental issues and the future way forward for New Zealand industries. It can include topics such as plant science, soil science, management, innovations, marketing, production processes, future proofing, growing value and international trade. A mix of standards can be made that best suits the students and their interests. It is directed at students who have an academic focus and an interest in Science, Commerce and/or Agriculture.
Nature of assessment	A mixture of internal and external Achievement Standards.
Likely course costs	Approximately \$50 depending on the topics the students choose.

TECHNOLOGY Mr Dave Hignett

<i>Subject</i>	Level 1 Fashion Technology
<i>Course description</i>	Students will follow a course of study suited to their individual strengths. Students will learn design, pattern making and garment construction. They will complete a minimum of 4 standards including one external standard.
<i>Nature of assessment</i>	Course consists of Internal and External Achievement Standard Assessments.
<i>Likely course costs</i>	Materials for this course will cost approximately \$100 in total.

<i>Subject</i>	Level 2 Fashion Technology
<i>Course description</i>	Students will follow a course of study suited to their individual strengths. They will explore fashion design in sketch form, create a pattern and construct their design to fit themselves. They will complete a minimum of 4 standards including one external standard.
<i>Nature of assessment</i>	Course consists of Internal and External Achievement Standard Assessments.
<i>Likely course costs</i>	Materials for this course will cost approximately \$100 in total.

<i>Subject</i>	Level 3 Fashion Technology
<i>Course description</i>	Students will follow a course of study suited to their individual strengths. Students will develop their designs into a range, pattern make and construct their ideas at an advanced level. They will complete a minimum of 4 standards including one external standard.
<i>Nature of assessment</i>	Course consists of Internal and External Achievement Standard Assessments.
<i>Likely course costs</i>	Materials for this course will cost approximately \$100 in total.

Subject	Level 1 Food Technology
Course description	Students will follow a food based course of study based on the Home Economics curriculum. They will complete a minimum of 4 standards including one external standard.
Nature of assessment	Course consists of Internal and External Achievement Standard Assessments.
Likely course costs	Materials for this course will cost approximately \$100 in total.

Subject	Level 2 Food Technology
Course description	Students will follow a food based course of study based on the Home Economics curriculum. They will complete a minimum of 4 standards including one external standard.
Nature of assessment	Course consists of Internal and External Achievement Standard Assessments.
Likely course costs	Materials for this course will cost approximately \$100 in total.

Subject	Level 3 Food Technology
Course description	Students will follow a food based course of study based on the Home Economics curriculum They will complete a minimum of 4 standards including one external standard.
Nature of assessment	Course consists of Internal and External Achievement Standard Assessments.
Likely course costs	Materials for this course will cost approximately \$100 in total.

Subject	Level 2 Hospitality
Course description	Students learn presentation and cookery skills they would use in the catering industry. Students will complete a minimum of 6 Unit Standards. Students need to have an interest in the subject and a good work ethic.
Nature of assessment	Course consists of Internal Unit Standards.
Likely course costs	Work books and materials for this course will cost approximately \$100 in total.

<i>Subject</i>	Level 1 Design Technology
<i>Course description</i>	This is a design based course looking at product design and architectural design. Students will develop designs, models and prototypes to fulfil a negotiated brief for two separate projects. They will complete a minimum of 4 standards both internal and external.
<i>Nature of assessment</i>	Course will consist of a minimum of 2 internally assessed standards and 2 externally assessed drawing standards.
<i>Likely course costs</i>	Materials for this course will cost approximately \$60, however, students may need to buy extra materials depending on their projects.

<i>Subject</i>	Level 2 Design Technology
<i>Course description</i>	This is a design based course looking at product design and architectural design. Students will develop designs, models and prototypes to fulfil a negotiated brief for two separate projects. They will complete a minimum of 4 standards both internal and external.
<i>Nature of assessment</i>	Course will consist of a minimum of 2 internally assessed standards and 2 externally assessed drawing standards.
<i>Likely course costs</i>	Materials for this course will cost approximately \$60, however, students may need to buy extra materials depending on their projects.

<i>Subject</i>	Level 3 Design Technology
<i>Course description</i>	This is a design based course looking at product design and architectural design. Students will develop designs, models and prototypes to fulfil a negotiated brief for two separate projects. They will complete a minimum of 4 standards both internal and external.
<i>Nature of assessment</i>	Course will consist of a minimum of 2 internally assessed standards and 2 externally assessed drawing standards.
<i>Likely course costs</i>	Materials for this course will cost approximately \$60, however, students may need to buy extra materials depending on their projects.

Subject	Level 1 Workshop Technology
Course description	This course involves theoretical and practical based learning through working with tools, processing techniques and material and equipment evaluation.
Nature of assessment	Course will consist of 4 internally assessed Achievement and Unit Standards with the option of undertaking 1 externally assessed standard.
Likely course costs	Materials for this course will cost approximately \$140.

Subject	Level 2 Workshop Technology
Course description	This course involves theoretical and practical based learning through working with tools, processing techniques and material and equipment evaluation.
Nature of assessment	Course will consist of 4 internally assessed Achievement and Unit Standards with the option of undertaking 1 externally assessed standard.
Likely course costs	Materials for this course will cost approximately \$160.

Subject	Level 3 Workshop Technology
Course description	This course involves theoretical and practical based learning through working with tools, processing techniques and material and equipment evaluation.
Nature of assessment	Course will consist of 4 internally assessed Achievement and Unit Standards with the option of undertaking 1 externally assessed standard.
Likely course costs	Materials for this course will cost approximately \$160.

TRANSITION Mr John Cruden

<i>Subject</i>	Level 2 and 3 Transition
<i>Course description</i>	This course now stands alone and is no longer one that only Gateway and Vocational Pathway students need to take. It develops work readiness and study skills. The students in these courses generally have a trade-based outlook for their future.
<i>Nature of assessment</i>	Unit standards which are all internally assessed.
<i>Likely course costs</i>	There are no course costs.

<i>Subject</i>	Gateway
<i>Course description</i>	<p>Participants spend up to 20 school days a year in a workplace related to their career choice. Help in approaching employers is offered. They are also expected to gain a minimum 20 credits in industry-related Unit Standards. Students need to be prepared to catch up on work missed by being on work placement plus study towards their industry standards.</p> <p>It is available for Y12 and 13 students. The students need to be well motivated with a genuine interest in pursuing a trade. There are limited places available.</p>
<i>Nature of assessment</i>	Unit standards which are all internally assessed. Some assessment is carried out by an appropriate industry group, and some assessment is in the workplace.
<i>Likely course costs</i>	There are no course costs. There may be associated transport costs.

Subject	Vocational Pathways																													
Course description	<p>Students attend Ara Institute (formerly Aoraki Polytechnic) each Friday, to complete training in a skills-based course. Available for Y12 and 12 students.</p> <p>You will need to apply for a place in a course and you will be interviewed. Placement decisions are based on school records and your work readiness. You would need to attend Ara in Timaru, for one day per week.</p> <table border="1" data-bbox="427 618 1299 1352"> <thead> <tr> <th data-bbox="434 627 1002 689">Title</th> <th data-bbox="1008 627 1142 689">Level</th> <th data-bbox="1149 627 1292 689">Credits</th> </tr> </thead> <tbody> <tr> <td data-bbox="434 698 1002 797">Introduction to Retail, Business Administration and Technology</td> <td data-bbox="1008 698 1142 797">2</td> <td data-bbox="1149 698 1292 797">18</td> </tr> <tr> <td data-bbox="434 806 1002 869">Digital Technologies</td> <td data-bbox="1008 806 1142 869">2</td> <td data-bbox="1149 806 1292 869">20</td> </tr> <tr> <td data-bbox="434 878 1002 931">Sustainability and Outdoors</td> <td data-bbox="1008 878 1142 931">2</td> <td data-bbox="1149 878 1292 931">22</td> </tr> <tr> <td data-bbox="434 940 1002 1039">Ka Hao Te Rangatahi/The New Net Goes Fishing (a Māori language course)</td> <td data-bbox="1008 940 1142 1039">2 & 3</td> <td data-bbox="1149 940 1292 1039">30</td> </tr> <tr> <td data-bbox="434 1048 1002 1146">Introduction to the Food Processing Industry</td> <td data-bbox="1008 1048 1142 1146">2</td> <td data-bbox="1149 1048 1292 1146">28</td> </tr> <tr> <td data-bbox="434 1155 1002 1218">Beauty Therapy and Salon Skills</td> <td data-bbox="1008 1155 1142 1218">2</td> <td data-bbox="1149 1155 1292 1218">25</td> </tr> <tr> <td data-bbox="434 1227 1002 1281">Introduction to Construction Trades</td> <td data-bbox="1008 1227 1142 1281">2</td> <td data-bbox="1149 1227 1292 1281">30</td> </tr> <tr> <td data-bbox="434 1290 1002 1352">Introduction to Automotive 2 30</td> <td data-bbox="1008 1290 1142 1352">2</td> <td data-bbox="1149 1290 1292 1352">30</td> </tr> </tbody> </table> <p>Mr Cruden has more information about all of these.</p>			Title	Level	Credits	Introduction to Retail, Business Administration and Technology	2	18	Digital Technologies	2	20	Sustainability and Outdoors	2	22	Ka Hao Te Rangatahi/The New Net Goes Fishing (a Māori language course)	2 & 3	30	Introduction to the Food Processing Industry	2	28	Beauty Therapy and Salon Skills	2	25	Introduction to Construction Trades	2	30	Introduction to Automotive 2 30	2	30
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Nature of assessment	Unit standards which are all assessed by Ara																													
Likely course costs	There are no course costs. There is an expectation that parents will be able to drive the students down to Timaru on a roster basis. There may be associated transport costs.																													

Distance Education

Distance education can work well for students who are independent learners so we have an approval process to ensure that students are making choices that will work well for them. The two main providers for distance learner are listed here.

NetNZ Programmes of Learning 2018

NetNZ is a community of secondary and area schools located across the South Island that engages in eLearning to better meet the needs of students and teachers.

Schools enrol students in courses offered by NetNZ and schools across the Virtual Learning Network Community clusters.

Generally a course consists of 8-15 students who are taught by an **eTeacher** (who will be from a NetNZ school) using an approach that blends face to face style video conference tutorials with a mix of online and paper based learning. You would typically find a course consists of students from 5-7 different schools throughout the country. Much of the learning will be accessed through an online space where students can receive work, download assignments, and interact with the teacher and other students.

Each participating school also provides an eDean whose role is to support the students on site and provide an important line of communication between teacher and students. This means students are not just left on their own to cope if they are having difficulties

Our commitment

- All courses will be aligned with the New Zealand curriculum and NZQA requirements
- All schools will provide an on-site support person (eDean) for students
- All courses will be taught by a qualified and registered teacher from a school in NZ
- All courses will provide engaging, flexible learning using digital tools and resources blended with video conference tutorials

Why take an online course?

- The course / subject you want to take is not available in your own school
- The subject you want to take clashes with another timetabled class
- You want to develop your ability to self-manage your learning
- You want to experience a course that is fully online and enables you to interact with students across the country

What students need to consider

Learning online often requires a change in thinking from students who are used to a structured lesson by lesson day. You will need to be willing to learn how to manage your own time effectively and to direct your learning more than in a traditional classroom. With this comes a lot more flexibility, especially if you are taking more than one online course (some students have up to three), but also more responsibility for your learning. Students need to be able to take the initiative and ask the teacher, the eDean and other students for help when

they need it. Learning online does not mean the absence of the teacher. In fact, because of the small number of students in a course, eTeachers can often provide more feedback than in a traditional classroom, but this feedback is usually not instant and students need to go into the programme understanding this.

Current NetNZ Courses at <http://netnz.org/> - click on the particular course to open the course outline. Unless indicated all NCEA levels are available

Science	Languages	Technology	Social Science
Biology - L2, L3	Te Reo Maori - L1 (<i>Beg & full</i>), L2, L3	Computer Science - L3	Philosophy
Chemistry - L2, L3	Chinese/Chinese Studies - Beginner(Y9), Pre NCEA (Y10), L1, L2, L3 <i>Y7&8 An introduction to China & Chinese</i>	Digital Technologies - L1, L2	Classical Studies - L2, L3
Physics - L2, L3	Japanese/Japanese Studies - Beginner(Y9), Pre NCEA (Y10), L1, L2, L3 <i>Y7&8 An introduction to Japan & Japanese</i>	Design and Visual Communication	Geography - L1, L2, L3
Electronics & Electrical Engineering - L2 (& 3)	Korean/Korean Studies - Beginner(Y9), Pre NCEA (Y10), L1, L2, L3 <i>Y7&8 An introduction to Korea & Korean</i>	Robotics - L1, L2	History - L1, L2, L3
Agricultural & Horticultural Science / Agribusiness - L2, L3	French - L1, L2, L3	Web Design - L3	Media Studies - L2 & L3
Agriculture (<i>Telford</i>) - L2, L3	German - Beginners, L1, L2	The Arts	Psychology L2, L3 - tbc
Equine Studies (<i>Telford</i>) - L2/3	Samoan - L1, L2, L3	Art History - L2, L3	Social Studies - L3
Maths	Spanish - Beginners, L1, L2, L3	Photography - L2, L3	Accounting - L1, L2, L3
Calculus - L3	Tongan - Beginner, L1-3	Drama - L1, L2, L3*	Business Studies - L2
Statistics -L3	Health and Physical Education	Maori Performing Arts - L1	Economics - L1, L2, L3
Mathematics - L3	Physical Education - L2, L3	Performance Music - L1, L2, L3	

Correspondence School

The Correspondence School also provides courses for students. Each course works on a 'set' basis. 15 sets are generally equivalent to a year's work. A coordinating teacher helps students keep up to date. As well, individual teachers give assistance with specific subjects when appropriate. There are limitations and regulations about who they will accept.