



ELLESMERE COLLEGE

TE KĀRETI O WAIHORA

CARING - RESPONSIVE - CHALLENGING

Senior Curriculum Handbook

NCEA LEVEL 1-3 COURSE INFORMATION HANDBOOK

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THE COURSE SELECTION PROCESS

Course information evening will be held in approximately Week 5 of Term 3 where the students and parents will be given information about the structure of NCEA advise on how to select an appropriate course of study and have the opportunity to ask questions of the Subject Teachers and Heads of Departments. By Week 7 students should have completed the first round of “Indication of Intent Form”. These forms will be collated and subjects which do not attract sufficient student numbers to remain viable will be reviewed. Students will then have approximately 2 weeks to complete a second “Indication of Intent Form” after which the final timetable subject lines will be compiled. In Week 1 of Term 4 students will do their final subject selection from the Lines available. At the start of the next Academic Year students will attend a course confirmation interview.

Bookings for this interview will be made via www.schoolinterviews.co.nz and the code will be provided in due time.

COLLEGE CURRICULUM TABLE

Students select one English and one Mathematics, or alternatively the Step-Up/E Tū course at Level 1, in addition to a Science in most cases.

Learning areas	NCEA Level 1	NCEA Level 2	NCEA Level 3
English	<ul style="list-style-type: none"> ▪ English 101 ▪ English 111 ▪ Media Studies 101 	<ul style="list-style-type: none"> ▪ English 201 ▪ English 211 ▪ Media Studies 201 	<ul style="list-style-type: none"> ▪ English 301 ▪ Media Studies 301
Mathematics	<ul style="list-style-type: none"> ▪ Mathematics 101 ▪ Mathematics 110 	<ul style="list-style-type: none"> ▪ Mathematics 201 ▪ Statistics 201 	<ul style="list-style-type: none"> ▪ Calculus 301 ▪ Statistics 301
Science	<ul style="list-style-type: none"> ▪ Science 101 ▪ Science 110 ▪ Ag/Hort Science 101 	<ul style="list-style-type: none"> ▪ Science 210 ▪ Ag/Hort Science 201 ▪ Biology 201 ▪ Chemistry 201 ▪ Physics 201 	<ul style="list-style-type: none"> ▪ Ag/Hort Science 301 ▪ Biology 301 ▪ Chemistry 301 ▪ Physics 301
Arts	<ul style="list-style-type: none"> ▪ Visual Art 101 ▪ Drama 101 ▪ Drama Technology 211 ▪ Music 101 ▪ Maori Performing Arts 100 	<ul style="list-style-type: none"> ▪ Painting 201 ▪ Photography 201 ▪ Drama Performance 201 ▪ Drama Technology 211 ▪ Music 201 ▪ Maori Performing Arts 200 	<ul style="list-style-type: none"> ▪ Painting 301 ▪ Photography 301 ▪ Drama Performance 301 ▪ Drama Technology 311 ▪ Music 301 ▪ Maori Performing Arts 300
Business	<ul style="list-style-type: none"> ▪ Business 101 	<ul style="list-style-type: none"> ▪ Agribusiness 201 ▪ Business 201 ▪ Personal Finance 200 	<ul style="list-style-type: none"> ▪ Agribusiness 301 ▪ Business 301 ▪ Personal Finance 300
Food Studies	<ul style="list-style-type: none"> ▪ Home Economics 101 ▪ Hospitality 100 	<ul style="list-style-type: none"> ▪ Home Economics 201 ▪ Hospitality 200 	<ul style="list-style-type: none"> ▪ Home Economics 301 ▪ Hospitality 300
Health and Physical Education	<ul style="list-style-type: none"> ▪ Health Education 101 ▪ Physical Education 101 	<ul style="list-style-type: none"> ▪ Health Education 201 ▪ Physical Education 201 	<ul style="list-style-type: none"> ▪ Health Education 301 ▪ Physical Education 301 ▪ Sport Studies 310
Digital Technologies	<ul style="list-style-type: none"> ▪ Digital Technology 101 ▪ Computing 110 	<ul style="list-style-type: none"> ▪ Digital Technology 201 ▪ Computing 210 	<ul style="list-style-type: none"> ▪ Digital Technology 301 ▪ Computing 310
Languages	<ul style="list-style-type: none"> ▪ Japanese 101 ▪ Te Reo Māori 101 ▪ ESOL 100 	<ul style="list-style-type: none"> ▪ Japanese 201 ▪ Te Reo Māori 201 ▪ ESOL 200 	<ul style="list-style-type: none"> ▪ Japanese 301 ▪ Te Reo Māori 301 ▪ ESOL 300
Materials Technologies	<ul style="list-style-type: none"> ▪ Design and Visual Communication 101 ▪ Building 100 ▪ Mechanical Engineering 100 	<ul style="list-style-type: none"> ▪ Design and Visual Communication 201 ▪ Building 200 ▪ Mechanical Engineering 200 	<ul style="list-style-type: none"> ▪ Design and Visual Communication 301 ▪ Building 300 ▪ Mechanical Engineering 300
Social Sciences	<ul style="list-style-type: none"> ▪ Geography 101 ▪ History 101 	<ul style="list-style-type: none"> ▪ Geography 201 ▪ History 201 ▪ Tourism 200 	<ul style="list-style-type: none"> ▪ Geography 301 ▪ History 301 ▪ Tourism 300
Vocational Studies	<ul style="list-style-type: none"> ▪ Rural Trades 100 ▪ Step-Up/E Tū ETU100 	<ul style="list-style-type: none"> ▪ Gateway 200 ▪ Rural Trades 200 ▪ Careers Education and Lifeskills 210 ▪ Trades Academy 	<ul style="list-style-type: none"> ▪ Gateway 300 ▪ Careers Education and Lifeskills 210 ▪ Trades Academy

CHOOSING SCHOOL COURSES

Step 1: Work out what subjects you enjoy, ask yourself:

- Which courses do I like doing now?
- Which courses interest me for next year that I haven't already studied?
- What do I enjoy doing outside school: e.g. playing music, helping people, thinking creatively? Do any courses include these activities?

Step 2: Work out what courses you are good at, ask yourself:

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

Step 3: Find out what courses you need for your future career ideas.

If you already have some career ideas?

- Find out the 'must have' or most useful subjects for each of your career ideas. Go to www.careers.govt.nz search for your choice in the Jobs Database section, click on 'More about this job' and then 'How to get into this job' and any required or useful subjects will be listed here.

Are you still unsure what career would suit you?

- It really is okay if you are unsure what you want to do in the future, it will help if you study a broad range of courses so that you keep your career options open. We recommend that you keep up with English, Mathematics and at least one Science course.
- You can talk to Mrs Collins (Careers Adviser) or other Senior Staff or you could visit CareersNZ at www.careers.govt.nz and go the 'Plan your career' section and/or the 'Tools' section where you will find tools and activities to help you in your decision making.

NB: Some courses will be finalised after discussion between teachers and students. These courses will be confirmed from the standards listed in the course booklet early Term 1 and will have between 18 and 22 credits.

SUBJECT CODES

The subject codes at NCEA levels 1, 2 and 3 aim to describe each course. Use the table below to identify what the subject offers. 'The course' number is purely a school administration code.

Course	NCEA Level	The Course	Course Endorsement	This means
SCI	1	0	1	SCI 101 Science Standard course Offers course endorsement
MAT	1	1	1	MAT 111 Mathematics Alternative course Offers course endorsement
HOS	1	0	0	HOS 100 Hospitality Standard course No course endorsement offered
ENG	1	1	0	ENG 110 English Alternative course No course endorsement offered

Please note: the codes do not indicate courses that are; a) externally or internally assessed; or b) achievement or unit standards; or c) University Entrance approved.

UNDERSTANDING NCEA

Gaining a National Certificate of Educational Achievement (NCEA) Qualification

NCEA has three levels and is made up of Unit Standards and Achievement Standards. The credits from both types of standards count towards NCEA certificates, however in almost all cases only Achievement Standards go towards endorsements and university approved subjects.

Level 3	60 credits at Level 3 or above	Plus 20 credits At Level 2 or above
Level 2	60 credits at Level 2 or above	Plus 20 credits at any level
Level 1	80 credits at Level 1 or above	Including 10 in Literacy and 10 in Numeracy

To achieve Levels 2 and 3 you must have met the Level 1 Literacy and Numeracy requirement. There are also approved Literacy standards needed for University Entrance at these levels.

Can I study at different levels?

You do not need to gain NCEA Level 1 to achieve NCEA Level 2. It is possible to study at Level 2 before achieving Level 1. Credits you earn may contribute to more than one qualification at the same time. You may study some courses at a higher level than others. Your teachers, academic dean, kaitiaki and family can help you decide what courses to study.

Track your own learning by checking your results on the Ellesmere College portal or via the NZQA website

During the year you will be provided with instructions that allow you to check your entries and results using your own learner-login. Check this regularly and notify your teachers if there are any incorrect entries or grades. Please note that credits offered in each course are indicative and subject to change.

NCEA Level 1

Literacy and Numeracy Requirements

This section deals with **Literacy** and **Numeracy requirements**. For the award of a **NCEA Level 1 Certificate**, a minimum of **10 credits is required** from the specified **Literacy** subfields and/or listed standards and a minimum of **10 credits is required** from the specified **Numeracy** subfields and/or domain.

What this means is that to be awarded an **NCEA Level 1 Certificate**, all students need to achieve:

Literacy: At least 10 credits from English or Te Reo Māori Achievement Standards, or from Literacy Standards in several other courses OR the three Adult Literacy Unit Standards from the Literacy and Numeracy Education Support (LANES) course.

Numeracy: At least 10 credits in Mathematics. Some other courses also have Achievement Standards that can count towards Numeracy, such as Science, OR the three Adult Numeracy Unit Standards from the MAT110 course or the Literacy and Numeracy Education Support (LANES) course.

Notes:

- You must have both Level 1 Literacy and Numeracy to be awarded NCEA at Level 2 and 3.
- For the award of a **NCEA Level 2**, there are **no** further Literacy or Numeracy requirements.
- For the award of a **NCEA Level 3**, there are again **no** further Literacy or Numeracy requirements. However, Year 12 and 13 students need to be aware that for **entrance to university**, there are further approved **Literacy standards**. These are outlined on the following pages.

NCEA COURSE ENDORSEMENTS AND AWARDS

Recognising high achievement with 'endorsements'

When students perform consistently above the 'Achieved' level, their result(s) can be 'endorsed' to reflect that high achievement. This can occur at either the Certificate or individual course level.

Certificate Endorsement

If a student gains 50 credits at Excellence, their NCEA will be Endorsed with Excellence. Likewise, if a student gains 50 credits at Merit (or Merit and Excellence), their NCEA will be endorsed with Merit. Each student's Record of Achievement shows endorsement awards.

Course Endorsement

Course endorsement provides recognition for a student who has performed exceptionally well in an individual course.

Students will gain an endorsement for a course if, in a single school year, they achieve:

- 14 or more credits at Merit or Excellence in a course, and
- At least 3 of those credits are from externally assessed standards and 3 credits are from internally assessed standards. Note that Physical Education and Level 3 Visual Arts do not require external credits to attain course endorsement.

Vocational Pathways Award

At Level 2, students can gain a Vocational Pathways Award if they meet the criteria outlined on page 9.

For more information on how NCEA works, you can visit:

<http://www.nzqa.govt.nz/qualifications-standards/qualifications/ncea/understanding-ncea/how-ncea-works/>

UNIVERSITY ENTRANCE REQUIREMENTS

University Entrance (UE) is the minimum requirement to go to a New Zealand University. It is important to note that individual universities can set their own entry requirements for individual subjects.

To be awarded UE students will need:

- NCEA Level 3
- 14 Level 3 credits in each of three approved subjects
 - **UE Literacy** - 10 Literacy credits from approved Achievement Standards at Level 2 or above, made up of; 5 credits in Reading and 5 credits in Writing.
 - **UE Numeracy** - 10 Numeracy credits from approved Achievement Standards at Level 1 or above, OR Unit Standards (a package of three Numeracy standards, 26623, 26626, 26627, all three are required)

NCEA subjects approved for entrance to university offered at Ellesmere College

Agribusiness	Agricultural and Horticultural Science	Biology	Business
Calculus	Chemistry	Design and Visual Communication	Digital Technology
Drama Performance	English	Geography	Health Education
History	Home Economics	Japanese	Media Studies
Music	Painting (Visual Arts)	Photography (Visual Arts)	Physical Education
Physics	Statistics	Te Reo Maori	

Guaranteed University Entrance

Universities also have their own additional standards for entry, above the common UE standard, to either some or all of their programmes. These are called Guaranteed Entry Scores (GES). The Guaranteed Entry Score from NCEA is now set by each university. *Refer to their websites, see pages 34 and 62.*

How to calculate your Guaranteed University Entrance (GES) rank score:

- Your rank score will be based on your **80 best credits** in University Entrance approved courses at Level 3 or higher, and weighted by the level of achievement.
- A maximum of 24 credits in each course may be counted.
- If you have achieved fewer than 80 credits at Level 3 or higher in your approved subjects the rank score will be based on those you have achieved.
- You are advised to take University Entrance approved courses wherever possible in your school programme both for entrance purposes and as the best preparation for university study.

Your GES rank score will be calculated by awarding points as follows:

Excellence = 4 points

Merit = 3 points

Achieved = 2 points

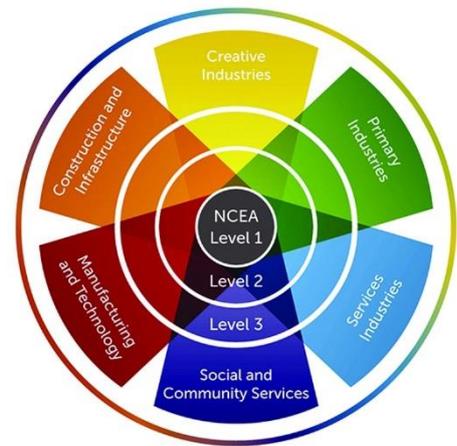
See Mr Anderson, Mr French , your Kaitaiki, or Mrs Collins for further guidance.

VOCATIONAL PATHWAYS

What are the Vocational Pathways?

The Vocational Pathways provide new ways to achieve NCEA Level 2, the foundation for success in further education and the world of work. The pathways help students see how their learning and achievement is valued in the 'real world' by aligning the NCEA Level 2 Assessment Standards including specific 'sector-related' standards with six industries:

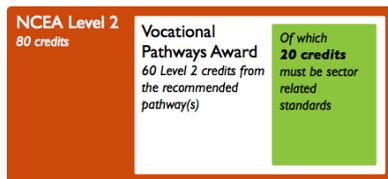
- Primary Industries
- Services Industries
- Social & Community Services
- Manufacturing & Technology
- Construction & Infrastructure
- Creative Industries



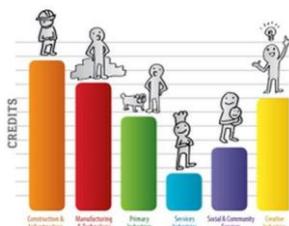
These six pathways represent ways to structure and achieve NCEA Level 2 by providing a more coherent framework for foundational vocational education; students can develop their own individual education plans, are better informed and able to make better choices to meet their goals. Government agencies, the industry training sector, secondary and tertiary representatives and industry and employer representatives worked together to develop the six Vocational Pathways for NCEA Level 2 as the foundation of the journey to employment. These groups are now in the process of developing pathways through qualifications achieved in NCEA Level 3 and beyond.

What is a Vocational Pathways Award?

The Vocational Pathways Award exists at NCEA Level 2 and enables employers to more easily assess whether potential employees' knowledge and skills align with their industry requirements. To receive a Vocational Pathways Award, students must first gain NCEA Level 2, which is 60 credits from Level 2 and 20 credits from any other level; 80 credits in total. 10 of these 80 credits must satisfy the literacy requirements, and 10 of these 80 credits must satisfy the numeracy requirements. To get a Vocational Pathways Award, 60 of the Level 2 credits must be from the recommended standards in one or more pathways, including 20 Level 2 credits from sector related standards. The Vocational Pathways Award(s) will be awarded to students on their NZQA Record of Achievement. This will be a real advantage when they look for work and training opportunities in the sector.



Vocational Pathways Profile is an individual profile and Vocational Pathways Award students can show to potential employers, they can also refer to it when making choices about further study. The profile shows potential employers how a learner's achievement relates to particular pathways and indicates their strengths and interests.



Profile Builder is a tool that helps students to explore their study options by identifying the standards at NCEA Levels 1, 2 and 3 that align to particular Vocational Pathways. Students can use the tool to see where they are heading and think about where they would like to go.

<http://youthguarantee.net.nz/vocational-pathways/profile-builder/>



ENGLISH FOR SPEAKERS OF OTHER LANGUAGES (ESOL)

Ellesmere College provides support to enable Speakers of other Languages to improve their skills in English. The ESOL programme fosters learning while recognising the learning needs of each student. Student's involvement will depend on their English skills and year level.

ENGLISH for SPEAKERS of OTHER LANGUAGES	ESOL	YEAR 9 - 10
The ESOL course is at a pre-intermediate level. At these level students could be working at the Foundation Stage and Stage 1 of the English Language Progressions. It covers the four English language skills of Speaking, Reading, Writing and Listening. Grammar and vocabulary building are an ongoing component of the course. Students learn through practice to speak with confidence and fluency. They are encouraged to ask questions in class and ask for help when they do not understand the teacher or topic. Assessment at this level is based on work covered, in class tests and observations.		

ENGLISH for SPEAKERS of OTHER LANGUAGES		ESOL100	
The Ellesmere College ESOL Course is available to all new English language learners (ELLs). The students can be new migrants to New Zealand or International Fee Paying students. The ESOL programme fosters learning while recognising the learning needs of each student. According to the New Zealand Curriculum Framework, "Learners should be able to engage with and enjoy language in all its varieties". Students will be assessed on arrival to ensure they are placed in the appropriate level. English Language learners will also have opportunities to experience, understand and appreciate the bicultural heritage of New Zealand (New Zealand Culture and Maori Culture).			
Entry Requirements		Some English study for at least 3 years at Junior High School (Elementary - Intermediate) level	
Level 1 Credits	26	Level 2 Credits	36
Level 3 Credits		20	
Course endorsement available		No	
Standards		Credits	Vocational Pathways
			C&I CI M&T PI S&C SI
LEVEL 1			
27982	Read and understand basic texts on very familiar topics	8	Students complete NCEA (EL) unit standards that are not a part of the Vocational Pathways.
27989	Participate in basic everyday spoken transactions	10	
27996	Write basic texts on very familiar topics	8	
LEVEL 2			
27983	Read and understand simple texts on familiar topics (EL)	8	Students complete NCEA (EL) unit standards that are not a part of the Vocational Pathways.
27992	Participate in simple spoken routine transactions (EL)	10	
27991	Participate in simple spoken exchanges on personal and familiar topics(EL)	10	
27999	Write simple texts on familiar topics	8	
LEVEL 3			
28056	Read and understand texts on familiar topics	5	Students complete NCEA (EL) unit standards that are not a part of the Vocational Pathways.
28062	Participate in a formal interview	5	
28064	Present information on a familiar topic	5	
28068	Write texts on familiar topics (EL)	5	
LEVEL 4			
22550	Write a crafted text using researched material an English for an academic purpose	5	Students complete NCEA (EL) unit standards that are not a part of the Vocational Pathways.
22551	Read a process information in English for academic purpose	5	

NCEA LEVEL 1

Year 11 students select six subjects, including one English, one Mathematics, or alternatively the LANES course at Level 1, in addition to a Science in most cases. Most subjects have external assessment at the end of the year as well as internal assessment during the year. The credit totals shown here are indications, they are the maximum expected for each course. Detailed information will be provided at the beginning of the year in a course outline for each course. Some courses will be finalised after discussion between teachers and students, these courses will be confirmed from the standards listed in the course booklet early Term 1 and will have between 18 and 22 credits.

C&I	CI	M&T	PI	S&C	SI
Construction and Infrastructure	Creative Industries	Manufacturing and Technology	Primary Industries	Social and Community	Service Industries

AGRICULTURAL AND HORTICULTURAL SCIENCE AGR101								
Level 1 Agriculture combines both practical skills in an industry based context and an academic focus on the primary production sector. Areas for study include: The geographic distribution of the New Zealand Agricultural Industry. Soil management and many aspects of livestock management.								
Entry Requirements			Nil					
NCEA Literacy credits available			4		NCEA Numeracy credits available		4	
Course endorsement available			Yes					
Level 2 course available			AGR201					
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90155	Demonstrate knowledge of pasture and crop management	4						
90918	Carry out a practical Agricultural or Horticultural investigation with direction	4						
90919	Demonstrate knowledge of soil management practices	4						
90920	Demonstrate knowledge of the geographic distribution of Agricultural or Horticultural Industries	3						
90921	Demonstrate knowledge of livestock management practices	5						



For further information on NCEA, download the NCEA App.



All course details are correct at the time of printing. Some details may change following end of year programme reviews. Any amendments will be advised to students in course outlines at the start of 2020.

BUILDING		BUI100					
This course is an introduction to BCATS (Building Construction Allied Trades Skills) which leads towards a career in the construction industry. The students will develop skills through using hand tools, power tools, and some static machines to produce practical projects out of wood. Course costs: \$175							
Entry Requirements		Year 10 Building or TiC approval					
NCEA Literacy credits available		0		NCEA Numeracy credits available		0	
Course endorsement available		No					
Level 2 course available		BUI200					
Standards		Credits	Vocational Pathways				
			C&I	CI	M&T	PI	S&C
24352	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project	2					
24356	Apply elementary workshop procedures and processes for BCATS projects	8					
12927	Identify, select, maintain and use hand tools used for BCATS projects	6					
12932	Construct timber garden furniture and items of basic construction equipment as a BCATS project	8					

BUSINESS STUDIES		BUS101					
This course introduces students to entrepreneurial skills, leadership and risk taking. Students will learn from real business cases studies about success and failure to become better equipped to meet the demands of a fast changing world of business. Students will learn about internal and external features of businesses, human resource management and marketing. Course materials: \$28 workbook							
Entry Requirements		Nil					
NCEA Literacy credits available		16		NCEA Numeracy credits available		0	
Course endorsement available		Yes					
Level 2 course available		BUS201					
Standards		Credits	Vocational Pathways				
			C&I	CI	M&T	PI	S&C
90840	Apply the marking mix to a new or existing product	3					
90841	Investigate aspects of human resource processes in a business	3					
90842	Carry out and review a product-based business activity within a classroom context with direction	6					
90839	Apply business knowledge to an operational problem(s) in a given small business context	4					



For more on the Vocational Pathways visit www.youthguarantee.net.nz/vocationalpathways/

Visit www.careers.govt.nz for more information on possible careers.



COMPUTING		COM110	COM210	COM310				
This is a vocational pathways course for those interested in developing their skills using administrative applications, such as desktop publishing, presentations, spreadsheets, database, word processing and webpage creation and offers standards at both Level 1 and Level 2. It is open to any student studying Level 1 and 2. Individual plans meeting the students' level of learning will be made through a selection of the following Unit Standards. Course materials: \$20 (approximately)								
Entry Requirements		This is a foundation course open to all students						
NCEA Literacy credits available		0	NCEA Numeracy credits available					
UE Literacy Reading credits available			UE Literacy Writing credits available					
UE Literacy Both (R&W) available		0						
Course endorsement available		No						
Level 2 and 3 course available		DDN200 and DDN300						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
Level 1								
18758	Find information using the internet	2						
2780	Demonstrate and apply knowledge of a personal computer	3						
2792	Produce simple desktop published documents using templates	2						
5946	Use computer technology to create and deliver a presentation from given content (Powerpoint)	3						
18734	Create a web page using a template	2						
25659	Create a web page using a markup text edit	2						
18743	Produce a spreadsheet from instructions using supplied data	2						
18739	Create and use simple command sequences in a computer language	2						
Level 2								
2781	Manage and protect data in a personal computer system	3						
2786	Create and use a computer database to solve a problem	3						
2788	Produce a desktop published document to meet a set brief	5						
2791	Integrate spreadsheet & database data into word processed documents to meet a set brief	3						
5940	Produce a presentation using a desktop presentation computer application (Powerpoint)	3						
Level 3								
2789	Produce desktop published documents for organisation use	6	NZQA has yet to classify these standards under the Vocational Pathways.					
25661	Design and assemble an interactive media product without scripting	3						
12886	Customise software features and create document templates for generic text and information management	6						

Some courses will be finalised after discussion between teachers and students. These courses will be confirmed from the standards listed in the course booklet early Term 1 and will have between 18 and 22 credits.

DESIGN AND VISUAL COMMUNICATION DVC101							
Students will work on two design briefs each requiring the production of a folio of work. One brief will be a product design such as a perfume bottle, the other, a spatial / Architectural problem where they design a small building. While producing this folio work, students will learn how to sketch, present and problem solve graphically. They will also learn how to effectively use industry standard CAD 3D modelling software. Course materials: \$15							
Entry Requirements		Students should have studied DVC at Year 10 or at the discretion of the TIC					
NCEA Literacy credits available		4		NCEA Numeracy credits available		3	
Course endorsement available		Yes					
Level 2 course available		DVC201					
Standards		Credits	Vocational Pathways				
			C&I	CI	M&T	PI	S&C
91063	Produce freehand sketches to communicate own design ideas	3					
91064	Produce instrument multi view orthographic drawings that communicate technical features of own design ideas	3					
91066	Use rendering techniques to communicate the form of own design ideas	3					
91067	Use work of an influential designer to inform your own design ideas	3					
91068	Demonstrate development of own design ideas communicated through graphics practice	6					
91069	Promote an organised body of design work to an audience using visual communication techniques	4					

DIGITAL TECHNOLOGIES DTC101							
This is a course for those seeking a career in digital media electronics or programming. It supports the development of knowledge and skills required for understanding computer science concepts. This course is available to students studying at Level 1. The course is developed offering a selection of credits (up to 20) from the list below. Course materials: \$20 (approximately)							
Entry Requirements		Year 10 DTC					
NCEA Literacy credits available		0		NCEA Numeracy credits available		0	
Course endorsement available		Yes					
Level 2 course available		DTC201					
Standards		Credits	Vocational Pathways				
			C&I	CI	M&T	PI	S&C
91877	Develop a proposal for a digital outcome	3	NZQA has yet to classify these standards under the Vocational Pathways.				
91878	Develop a design for a digital outcome	3					
91879	Develop a digital outcome to manage data	4					
91880	Develop a digital media outcome	4					
91881	Develop an electronics outcome	6					
91886	Demonstrate understanding of human computer interaction	3					

DRAMA		DRA101						
Drama is a performance based course, and all students will be required to perform to an audience. Each Achievement Standard requires a written component to support the performance task. Students need to be committed to using out of class time for learning lines and rehearsals, as well as working collaboratively with other year levels. This is an Achievement Standard class, including an external examination. Course costs: External provider or trip costs								
Entry Requirements		Year 10 Drama or approval by the teacher in charge						
NCEA Literacy credits available		13	NCEA Numeracy credits available			0		
Course endorsement available		Yes						
Level 2 course available		DRA201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90006	Apply drama techniques in a dramatic context	4						
90009	Perform an acting role in a scripted production	5						
90997	Devise and perform a drama	5						
90011	Demonstrate understanding of the use of drama aspects within a live performance	4						

DRAMA TECHNOLOGY		DTE111						
Credits gained in this class are eligible for endorsement if you sit the Media external examination. Performing Arts Technology is a Unit Standard based course which supports student performances within the college (Showquest, Senior Production, Junior Production). Students are assessed individually but will collaborate with others to achieve a shared goal and maintain the desired effect for the performance. This will include, the director, stage crew and performers. Performance deadlines will apply. The order and specific Unit Standards you will complete will depend on a projects needs and individual skills. Course cost: External provider or trip costs								
Entry Requirements		Discretion of teacher in charge of subject						
UE Literacy Reading credits available		0	UE Literacy Writing credits available			4		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 2 course available		DTE211						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
26689	Demonstrate knowledge of costume for a specified performance context	3						
26688	Demonstrate knowledge and techniques of make-up application for a performance context	4						
26690	Construct item(s) to meet a performance context from a given brief	3						
90993	Produce a design for a media product using a specified range of conventions	3						
90994	Complete a media product from a design plan, using a specified range of conventions	6						
90992	Demonstrate understanding of the characteristics of a media genre (<i>optional external examination</i>)	4						

ENGLISH		ENG101						
An academic English course that will encourage students to read, think and respond to studied texts critically. This option includes study of written and visual texts with a particular focus on written texts . There is a strong focus on crafting ideas and writing with accuracy. There will be options later in the year for students to develop their individual strengths and interests in English.								
Entry Requirements		Placement in ENG101 and ENG111 will be decided by department						
NCEA Literacy credits available		22		NCEA Numeracy credits available		0		
Course endorsement available		Yes						
Level 2 course available		ENG201 or ENG211						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90849 [1.1] Ext	Show understanding of specified aspect[s] of studied written text[s] using supporting evidence	4						
90850 [1.2] Ext	Show understanding of specified aspect[s] of studied visual or oral text[s], using supporting evidence	4						
90852 [1.8]	Explain significant connection[s] across texts, using supporting evidence	4						
90053 [1.5]	Produce formal writing	3						
90856 [1.11]	Show understanding of visual and/or oral text[s] through close viewing and/or listening, using supporting evidence	3						
Optional Select one only	• AS90854 [1.10] Form personal responses to independently read texts, supported by evidence	4						
	• AS90855 [1.7] Create a visual text	3						
	• AS90857 [1.6] Construct and deliver an oral text	3						
	• AS90052 [1.4] Produce creative writing	3						

ENGLISH		ENG111						
An academic English course that will encourage students to read, think and respond to studied texts critically. This option includes study of written and visual texts with a particular focus on visual text . This course offers more time for specific achievement standards to be assessed in order to develop the level of critical thinking and writing accuracy required for Level 1 English.								
Entry Requirements		Placement in ENG101 and ENG111 will be decided by department						
NCEA Literacy credits available		19		NCEA Numeracy credits available		0		
Course endorsement available		Yes						
Level 2 course available		ENG201 or ENG211						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90850 [1.2] Ext	Show understanding of specified aspect[s] of studied visual or oral text[s], using supporting evidence	4						
90851 [1.3] Ext	Show understanding of significant aspects of unfamiliar written text[s] through close reading, using supporting evidence	4						
90054 [1.10]	Form personal responses to independently read texts, supported by evidence	4						
90852 [1.8]	Explain significant connection[s] across texts, using supporting evidence	4						
90856 [1.11]	Show understanding of visual and/or oral text[s] through close viewing and/or listening, using supporting evidence	3						

GEOGRAPHY		GEO101						
Within Geography students will be given the opportunity to learn a number of skills through a range of different contexts. The context covered will surround different natural elements and the effects that this has on humans within the area. Throughout this course students will look into local weather patterns, mining on the Chatham Rise, tourism of the Galapagos, population patterns and extreme natural events.								
Entry Requirements		Satisfactory achievement of Year 10 Social Studies and English						
NCEA Literacy credits available		17			NCEA Numeracy credits available		4	
Course endorsement available		Yes						
Level 2 course available		GEO201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91009	Demonstrate geographic understanding of the sustainable use of an environment	3						
91011	Conduct geographic research, with direction	4						
91012	Describe aspects of a contemporary New Zealand geographic issue	3						
91013	Describe aspects of a geographic topic at a global scale	3						
91007	Demonstrate geographic understanding of environments that have been shaped by extreme natural events	4						

HEALTH EDUCATION		HEA101						
This course provides students with opportunities to develop critical thinking skills by exploring issues and developing strategies to promote positive changes for both self and others. Topics include changing states of health, issues relating to drug use, and promoting positive sexuality. Students will partake in the practical application of interpersonal skills that focus on relating to others and gaining new skills for learning and life.								
Entry Requirements		Open						
NCEA Literacy credits available		20			NCEA Numeracy credits available		0	
Course endorsement available		Yes						
Level 2 course available		HEA201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90971	Take action to enhance an aspect of personal well-being	3						
91097	Demonstrate understanding of ways in which well-being can change and strategies to support well-being during times of change	4						
90973	Demonstrate understanding of interpersonal skills used to enhance relationships	5						
90974	Demonstrate understanding of strategies for promoting positive sexuality	4						
90975	Demonstrate understanding of issues to make health-enhancing decisions in drug related situations	4						

HISTORY		HIS101						
Level 1 History students will build a basis of skills in research and writing which can be further developed in Levels 2 and 3. Students will choose two topics from a range of choices including Civil Rights Movement in the 1960s, The Second World War and Nuclear Free NZ. They will use these topics to build a portfolio of work towards all internally assessed Achievement Standards. Students will then complete one Achievement Standard on one of the topics in the end of year exam. Cross crediting with Drama and English courses is available in 2020.								
Entry Requirements		Satisfactory completion of Year 10 Social Studies or HELA approval						
NCEA Literacy credits available		12	NCEA Numeracy available		0			
Course endorsement available		Yes						
Level 2 course available		HIS201						
Standards Students will select from		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91001	Carry out an investigation of an historical event, or place, of significance to New Zealanders	4						
91002	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	4						
91004	Demonstrate understanding of different perspectives	4						
91005	Describe the causes and consequences of a historical event	4						



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HOME ECONOMICS		HEC101						
Home Economics is an Achievement Standard course with both internal and external credits that at Level 1 examines an individual's nutritional needs where students gain a thorough knowledge of nutrition and diet. The theory of practical skills required for food safety and hygiene while preparing and storing food are practiced and assessed throughout the year. Cultural food influences of other countries are compared to those we have in New Zealand, along with food marketing strategies that are used to entice us to purchase goods in the supermarket. Course materials: Food \$270 Booklets \$20								
Entry Requirements		Year 10 Home Economics or HELA approval						
NCEA Literacy credits available		14	NCEA Numeracy credits available		0			
Course endorsement available		Yes						
Level 2 course available		HEC201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90956	Demonstrate knowledge of an individual's nutritional needs	5						
90957	Demonstrate understanding of societal influences on an individual's food choices and well-being	5						
90958	Demonstrate understanding of how cultural practices influence eating patterns in New Zealand	5						
90961	Demonstrate understanding of how packaging information influences an individual's food choices on well-being	4						

HOSPITALITY		HOS100						
An Industry Training Organization (ITO) unit standard course in cookery skills as prescribed by the Hospitality Industry. Students will complete a large practical and small theory component in booklets with NZQA internal Unit Standards offered as well as Service IQ certification. This course focuses on developing cookery skills, with two practical lessons a week. This course supports students who are interested in a future in the Hospitality Industry, wanting part time work opportunities whilst they study or looking for life skills in the kitchen. Course materials: Food \$270 Booklets \$80								
Entry Requirements		TIC approval						
NCEA Literacy credits available		0		NCEA Numeracy credits available			0	
Course endorsement available		No						
Level 2 course available		HOS200						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
20158	Identify career pathways in the Hospitality industry	2						
15900	Prepare and present meat in the Hospitality industry	4						
15901	Prepare and present fruit and vegetables in the Hospitality industry	3						
19770	Prepare and present egg and cheese dishes in the Hospitality industry	3						
15919	Prepare and present hot finger food in the Hospitality industry	2						
15020	Prepare and present sauce and soup in the Hospitality industry	2						
15921	Prepare and cook a cake, a sponge and a batch of scones in the Hospitality industry	3						
21059	Demonstrate knowledge of knife care, use storage, and carrying in the Hospitality industry	2						

JAPANESE		JPN101						
The Level 1 Japanese course extends and develops students' ability to communicate in and understand Japanese and increase understanding of Japanese life and culture.								
Entry Requirements		Year 10 Japanese						
NCEA Literacy credits available		0		NCEA Numeracy credits available			0	
Course endorsement available		Yes						
Level 2 course available		JAP201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90893	Understand spoken Japanese (listening)	5						
90894	Give a spoken presentation in Japanese	4						
90896	Understand written Japanese (reading)	5						
90897	Write in Japanese (portfolio)	5						

Step-Up/ E Tū ETU100							
The Step-Up/E Tū Level 1 programme is an alternative learning programme for students who have been identified as being unable to sustain the learning level required to be successful in NCEA Achievement Standards. The programme consists of project-based and contextualised learning, including life and employment skills projects, across at least a year where students develop a folio of evidence which the literacy and numeracy standards are assessed against. The variety in this unit standard-based programme has been prepared to enhance student engagement and success in attaining NCEA Level 1. Step-Up/E Tū runs over three option lines, one focusing on literacy, one focusing on numeracy and one focusing on life and workplace ready skills. Students will be identified by the school and placed in the Step-Up/E Tū course based on junior achievement data.							
Entry Requirements		Students are selected for this programme but they can also apply.					
NCEA Literacy credits available		10	NCEA Numeracy credits available		10		
Course endorsement available		No					
Level 2 course available		No					
Standards		Credits	Vocational Pathways				
			C&I	CI	M&T	PI	S&C
497	Demonstrate knowledge of workplace health and safety	3					
1277	Communicate information in a specified workplace	3					
548	Demonstrate knowledge of management of alcohol and other drugs	2					
3483	Fill in a form	2					
4248	Describe requirements and expectations faced by employees in New Zealand	3	NZQA has yet to classify these standards under the Vocational Pathways.				
504	Produce a Curriculum Vitae	2					
26622	Write to communicate ideas for a purpose and audience	4	Students complete NCEA Numeracy and Literacy unit standards, the standards are designed to meet the requirements of everyday work and life. Assessment takes place over a period of time using naturally occurring evidence. NZQA has yet to classify these standards under the Vocational Pathways.				
26623	Use number to solve problems	4					
26624	Read text with understanding	3					
26625	Actively participate in spoken interactions	3					
26626	Interpret statistical information for a purpose	3					
26627	Use measurement to solve problems	3					

MAORI PERFORMING ARTS		MPA100						
The outcomes in Level 1 Maori Performing Arts are, to have in-depth knowledge of performance components, and essential skill of performance components with purpose. To be able to research mōteatea, waiata, poi, haka and composer throughout New Zealand. To identifying and describe the historical stories relevant to each performance component. Describe the tikanga of the feature of each performance component. Demonstrate deliberate movement and appropriate expression, which are relevant to the item. Students work to gain credits through written study and are encouraged to join the Kapa Haka group.								
Entry Requirements		A basic understanding Te Reo Māori, Kapa haka is an advantage.						
NCEA Literacy credits available		0		NCEA Numeracy credits available		0		
Course endorsement available		No						
Level 2 course available		MPA200						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
22752	Demonstrate performance components of Māori performing Arts	3						
22753	Demonstrate knowledge of people associated with Māori performing Arts	3						
22754	Demonstrate knowledge of origins of Māori performing Arts	4						
22755	Demonstrate knowledge of Māori performing Arts and Ensemble	3						
27106	Describe the term connected with whakapapa	2						
27108	Describe the protocols and roles associated with pōwhiri in accordance with tikanga	2						
16165	Describe a hui and the roles associated with hui in accordance with tikanga	2						

MATHEMATICS		MAT 101						
The Level One course covers sufficient material of the mathematical strands for successful students to continue to either course at Level Two. Students will have a better idea of how Mathematics relates to the world. Students will gain general skills and knowledge required to apply Mathematics in everyday life. Students select one end of year external* Note: A Casio FX82 scientific calculator is required for the course (\$30-\$40), however a Casio graphics calculator is an advantage (approx. \$100).								
Entry Requirements		Achieved grade or higher in 91026						
NCEA Literacy credits available		3		NCEA Numeracy credits available		18		
Course endorsement available		Yes						
Level 2 course available:		MAS201 and/or MAT201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91026	Apply numeric reasoning in solving problems	4						
91027	Apply algebraic procedures in solving problems	4						
91028	Investigate relationships between tables, equations and graphs*	4						
91029	Apply linear algebra in solving problems	3						
91031	Apply geometric reasoning in solving problems *	4						
91036	Investigate bivariate numerical data using the statistical enquiry cycle	3						
91037	Demonstrate understanding of chance and data*	4						

MATHEMATICS		MAT 110						
This course provides students with Numeracy skills required for everyday life. Students will gain the minimum ten Numeracy credits required for NCEA Level One and University Entrance by creating a portfolio of work through completing the Mathematics Internal Achievement Standards. Note: A Casio FX82 scientific calculator is required for this course (\$30-\$40).								
Entry Requirements		Positive attitude and willingness to succeed In Mathematics.						
NCEA Literacy credits available		6		NCEA Numeracy credits available		25		
Course endorsement available		No						
Level 2 course available		MAS201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91026	Apply numeric reasoning in solving problems	4						
91030	Apply measurement in solving problems	3						
91034	Apply transformation geometry in solving problems	2						
91036	Investigate bivariate numerical data using the statistical enquiry cycle	3						
91038	Investigate a situation involving elements of chance	3						
26623	Use number to solve problems	4	These Numeracy standards are designed to meet the requirements of everyday work and life. Assessment takes place over a period of time using naturally occurring evidence. Currently these have not been classified for the Vocational Pathways.					
26626	Interpret statistical information for a purpose	3						
26627	Use measurement to solve problems	3						

MECHANICAL ENGINEERING TECHNOLOGY		MEC100						
Students will undertake two projects, a small clamp and then a custom human powered vehicle. While building these projects, they will learn a variety of engineering skills and theory as well as undertake a design study on the Human powered vehicle. Course materials: \$125								
Entry Requirements		Materials Technology at Year 10 or at the discretion of the TIC						
NCEA Literacy credits available		0		NCEA Numeracy credits available		0		
Course endorsement available		No						
Level 2 course available		MEC200						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
22926	Demonstrate knowledge of safety procedures in a specific engineering workshop	2						
22923	Demonstrate basic engineering workshop skills under close supervision	12						
22924	Develop a simple product using engineering materials	10						



The Occupation Outlook 2015 App is designed to help students make well-informed career choices. It provides vital information on 50 key occupations in New Zealand. Each occupation has three dials to indicate its relative income, course cost and job prospect as well as information on how to enter each career.



MEDIA STUDIES		MED101						
This is an academic course for students interested in studying and creating Media for future pathways. Media studies is about the active exploration, analysis, creation, and enjoyment of the media and its products. Media studies examines the dynamic role of the media in society, how the media constructs messages about individuals, communities, and cultures and how media products are produced, controlled, and distributed. Through media studies students gain the knowledge and skills to conceive, plan, design and make media products that engage audiences.								
Entry Requirements		No pre-requisites						
NCEA Literacy credits available		10		NCEA Numeracy credits available		0		
Course endorsement available		Yes						
Level 2 course available		MED201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90990	Demonstrate understanding of selected elements of media text(s)	3						
90992	Demonstrate understanding of characteristics of a media genre	4						
90993	Produce a design and plan for a media product using a specified range of conventions	3						
90994	Complete a media product using a specified range of conventions, from a design and plan	6						
90996	Write media texts for a specific target audience	3						

MUSIC		MUS101						
This course encourages individual creative expression through performance both as a soloist and also as part of a group. Students will select their individual plan of standards to enter into, in accordance with their own strengths and in consultation with the music teacher.								
Entry Requirements		Relevant proven performance capability						
NCEA Literacy credits available		10		NCEA Numeracy credits available		0		
Course endorsement available		Yes						
Level 2 course available		MUS201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91090	Perform two pieces of music as a featured soloist	6						
91091	Demonstrate ensemble skills through performing a piece of music as a member of a group	4						
91092	Compose two original pieces of music	6						
91094	Demonstrate knowledge of conventions used in music scores	4						
91095	Demonstrate knowledge of two music works from contrasting contexts	6						



For further information on NCEA, download the NCEA App.



PHYSICAL EDUCATION		PED101						
This course is an opportunity for students to participate in a variety of physical activities, including individual and team sports, fitness and outdoor activities. Students will develop an understanding of the function of the body as it relates to physical activity; develop interpersonal skills; demonstrate strategies to improve the performance of a physical activity; and take action to assist others to participate in physical activity.								
Entry Requirements		Proven participation and organisation in year 10 PE and HELA approval						
NCEA Literacy credits available		13		NCEA Numeracy credits available		0		
Course endorsement available		Yes						
Level 2 course available		PED201 and SPO301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90962	Participate actively in a variety of physical activities and explain factors that influence own participation	5						
90963	Describe the functions of the body as it relates to the performance of physical activity	5						
90964	Demonstrate quality of movement in the performance of a physical activity	3						
90965	Demonstrate understanding of societal influences on physical activity and the implications for self and others	4						
90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	4						
90969	Take purposeful action to assist others to participate in physical activity	2						

New Zealand Tertiary Institution websites:

www.academy.ac.nz
www.lincoln.ac.nz
www.neverstop.ac.nz
www.ara.ac.nz
www.victoria.ac.nz
www.lincoln.ac.nz
www.nta.co.nz
www.canterbury.ac.nz
www.visioncollege.ac.nz
www.op.ac.nz
www.otago.ac.nz
www.unitec.ac.nz
www.ucol.ac.nz
www.toiohomai.ac.nz

www.sit.ac.nz
www.waikato.ac.nz
www.taratahi.ac.nz
www.aviationinstitute.co.nz
www.massey.ac.nz
www.computerpowerplus.ac.nz
www.nzschoolltourism.co.nz
www.tpp.ac.nz
www.airways.co.nz
www.nmit.ac.nz
www.eit.ac.nz
www.northland.ac.nz
www.waiariki.ac.nz
www.witt.ac.nz

www.nztertiarycollege.ac.nz
www.waikato.ac.nz
www.aut.ac.nz
www.nzis.co.nz
www.mediadesignschool.com
www.dac.ac.nz
www.weltec.ac.nz
www.aspire2.ac.nz
www.aviationinstitute.co.nz
www.wintec.ac.nz
www.manukau.ac.nz
www.openpolytechnic.ac.nz
www.whitireia.ac.nz
www.whitecliffe.ac.nz

RURAL TRADES ACADEMY		RTA100						
The Primary ITO Trades Academy works alongside NCEA and Year 11 or 12 students can combine their NCEA studies with a National Certificate in Agriculture, or Horticulture (Level 1 or 2). Blending classroom study with on-job learning, the Trades Academy includes field trips in Year 11 and one day per week industry placement in Year 12. As the Academy is Government funded there are limited spaces available and entry is by application and an Interview process. The Trades Academy allows us to match students to appropriate industry professionals and businesses to fulfil the practical requirement of our programme, and therefore achieve industry relevant qualifications. At Year 11 students work on the National Certificate in Primary Sector (Level 1).								
Entry Requirements		By application and interview with parents, Primary ITO representative and TIC						
NCEA Literacy credits available		0	NCEA Numeracy credits available 0					
Course endorsement available		No						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
Compulsory units								
29633	Demonstrate understanding of the New Zealand primary sectors and industries	4						
1	Prepare and sow outdoor seedbeds manually	5						
19136	Demonstrate the social requirements for daily living in the rural industry	2						
19137	Describe the opportunities, advantages, and disadvantages of rural employment	2						
23780	Undertake general garden maintenance	5						
23782	Identify containers, materials, plants, and tools used in plant propagation	2						
23783	Grow and maintain plants in containers from seed	5						
19138	Monitor and interpret weather information	4						
19143	Perform calculations for primary production situations	3						
19145	Describe hydration, nutrition, and sleep in relation to physical well-being of agriculture workers	4						
Elective units (Rule: Students select 5 credits from this section)								
577	Dag and crutch sheep with prepared equipment	5						
19112	Check and report on livestock	4						
20574	Identify plants	5						
23781	Grow and pot up plants from stem cuttings	5						
24548	Assist with milking	8						
24833	Identify and maintain fencing tools and equipment, and identify fencing construction materials and wire types	3						

C&I	CI	M&T	PI	S&C	SI
Construction and Infrastructure	Creative Industries	Manufacturing and Technology	Primary Industries	Social and Community	Service Industries

SCIENCE		SCI101						
This course is designed to prepare students for Level 2 Biology, Physics and Chemistry. It includes Achievement Standards based on the following areas.								
<ul style="list-style-type: none"> • Biology: How animals and plants inherit genetic information and micro-organisms • Physics: Motion, Forces and Energy, Electricity • Chemistry: Chemical Reactions, Atomic Structure and Reactions of acids and bases 								
Course materials: \$22 (scipad)								
Entry Requirements		Satisfactory performance in Year 10 Science						
NCEA Literacy credits available		4		NCEA Numeracy credits available		8		
Course endorsement available		Yes						
Level 2 course available		BIO201, CHE201, AGR201, SCI210						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90940	Demonstrate understanding of aspects of mechanics	4						
90944	Demonstrate understanding of aspects of acids and bases	4						
90947	Investigate selected chemical reactions	4						
90948	Demonstrate understanding of biological ideas relating to genetic variation	4						
90950	Investigate biological ideas relating to interactions between humans and micro-organisms	4						

SCIENCE - APPLIED		SCI 110						
This course is designed to offer a general Science course for those that are not interested in continuing with any Level 2 Sciences and would likely find the External Examinations of the Science 101 course too challenging.								
Entry Requirements		Recommendation from performance in Year 10 Science						
NCEA Literacy credits available		4		NCEA Numeracy credits available		8		
Course endorsement available		No						
Level 2 or 3 course available		SCI210						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90950	Investigate Biological ideas relating to interactions between humans and micro-organisms	4						
90930	Carry out a chemistry investigation, with direction	4						
90943	Investigate implications of heat in everyday life	4						
90947	Investigate selected chemical reactions	4						
91190	Investigate how organisms survive in extreme environments	4						

Some courses will be finalised after discussion between teachers and students. These courses will be confirmed from the standards listed in the course booklet early Term 1 and will have between 18 and 22 credits.

TE REO MAORI		MAO101						
The outcome of Te Reo Maori to offer students positive and enjoyable experiences through which they start to gain competence in Te Reo Māori for everyday use, to extend and develop student's ability to communicate in Te Reo Māori, to deepen students' awareness and knowledge of Māori life in the past and present and to foster a desire to continue language learning.								
Entry Requirements		A full year at year 10 for Te Reo Maori						
NCEA Literacy credits available		30		NCEA Numeracy credits available		0		
Course endorsement available		Yes						
Level 2 course available		MAO201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91085	Whakarongo kia mōhio ki te reo o tōna ao Listening - Whakarongo	6						
91086	Korero kia whakamahi i te reo o tōna ao Speaking – Kōrero	6						
91088	Tuhituhi i te reo o tōna ao Written – Tuhituhi	6						
91089	Waihanga tuhinga i te reo o tōna ao Creative writing - Waihanga tuhinga	6						

VISUAL ARTS		ART101						
This course promotes individual creative growth through Visual Arts. At the beginning of the year students will learn to use drawing methods to investigate and develop ideas over a wide range of disciplines, using a range of media. The artworks produced during this time will be used as evidence for two internal assessments collectively worth 8 credits. Over the course of the year, students will investigate, analyse and generate artworks based on a chosen theme which will culminate as a two panel folio worth 12 credits. An extra internal paper is available for students who need literacy credits. Field trips: Up to two days for gallery / exhibition visits. Course Costs: \$40 for all basic paper, paints and folio materials used at school. Extra Costs: \$15-\$20 approximately for trips. \$40+ for specialist supplies such as students own book, brushes, art pencils, fine tip pens, blue tack, USB drive for digital submissions, double sided tape and printing credit. If cared for, some supplies will see a student through Level 2 and 3 Visual Art.								
Entry Requirements		Open entry however Year 10 Art is recommended						
NCEA Literacy credits available		0		NCEA Numeracy credits available		0		
Course endorsement available		Yes						
Level 2 course available		PTG201, PHO201						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90914	Use drawing methods and skills for recording information using wet and dry media	4						
90917	Produce a finished work that demonstrates skills appropriate to cultural conventions	4						
90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	12						

All course details are correct at the time of printing. Some details may change following end of year programme reviews. Any amendments will be advised to students in course outlines at the start of 2020.

NCEA LEVEL 2

Year 12 students at this stage will be selecting 6 subjects but this is under review, most have external assessment at the end of the year as well as internal assessment during the year. It is strongly advised that all students going on to further study beyond school take a course of English and Mathematics at Level 2. Students that are planning to qualify for University Entrance in Year 13 must ensure that their year 12 course will meet the prerequisites for those subjects at Level 3. The credit totals shown here are indications, they are the maximum expected for each course. Detailed information will be provided at the beginning of the year in a course outline for each course. Some courses will be finalised after discussion between teachers and students, these courses will be confirmed from the standards listed in the course booklet early Term 1 and will have between 18 and 22 credits.

C&I	CI	M&T	PI	S&C	SI
Construction and Infrastructure	Creative Industries	Manufacturing and Technology	Primary Industries	Social and Community	Service Industries

AGRIBUSINESS		AGB201						
<p>This course of study integrates the industries and businesses in the primary sector which is at the heart of how New Zealand earns a living. Today's agribusinesses are sophisticated multi-million dollar businesses run by people with the many skills that are required to run these enterprises. The primary sector includes agriculture, aquaculture, dairy manufacturing, equine, forestry, horticulture, seafood, and sports turf and the agribusinesses across the primary sector require highly skilled and motivate young people with strong educational backgrounds aligned to the many specialist fields with in it. Agribusiness is the understanding that the ability to grow primary products is not sufficient ensures grower's success and that there are many other elements which are also important, such as human resources, strategic management, marketing, policy, financial planning, economics, and natural resources. Students are encouraged to find innovative solutions to challenging operational issues and will learn about the economic, physical/climatic, political, environmental, technological, historical, social, ethical, and cultural influences on agribusinesses and the interrelationships of science, business, technology, society, and the environment.</p> <p>Course costs: Field trips to be confirmed</p>								
Entry Requirements		14 credits in each of BUS101 and SCI101 <u>or</u> in each of BUS101 and AGR101 or by negotiation with teachers in charge of subject areas						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		AGB301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91865	Demonstrate understanding of future proofing influences that affect business viability	4	NZQA has yet to classify these standards under the Vocational Pathways.					
91866	Conduct an inquiry into the use of organisms to meet future needs	4						
91867	Demonstrate understanding of a primary industry business structure that best meets the strategic needs of a business	3						
91868	Demonstrate understanding of cash flow forecasting for a business	4						
90845	Apply business knowledge to a critical problem(s) in a given large business context	4						
90844	Demonstrate understanding of how a large business responds to external factors (external also offered in BUS201)	4						

AGRICULTURAL AND HORTICULTURAL SCIENCE AGR201								
The Year 12 Agriculture Course is designed to build on the skills and knowledge of Year 11. The course addresses a wide range of Agricultural and Horticultural contexts and learning opportunities.								
Entry Requirements		Satisfactory performance at Level 1 or by discussion with TIC Agriculture						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		AGR301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91289	Carry out an extended practical agricultural or horticultural investigation	4						
91295	Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices	4						
91293	Demonstrate understanding of livestock reproductive techniques in commercial production in New Zealand	4						
91290	Demonstrate understanding of techniques used to modify physical factors of the environment for NZ plant production	4						
91294	Demonstrate understanding of how NZ commercial management practices influence livestock growth and development	4						

BIOLOGY BIO201								
The focus of Level 2 Biology is on living organisms with a focus on cells, genetics and variation. Students will be able to understand how both animals and plants survive, appreciate the diversity of range of animals; understand how animals and plants fit into their environment and how animals and plants may acquire new or different characteristics through time. Standards will be selected from the following in consultation with learners. Course materials: \$25								
Entry Requirements		10 internal and 8 external credits at Level 1 Science (one must be Science 1.9), and a satisfactory performance in Level 1 English and Level 1 Maths. Borderline cases require approval through TIC Level 2 Biology.						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		8		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		BIO301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91153	Carry out a practical investigation in a biology context, with supervision	4						
91154	Analyse the biological validity of information presented to the public	3						
91155	Demonstrate understanding of adaptation of plants or animals to their way of life	3						
91156	Demonstrate understanding of life processes at the cellular level	4						
91157	Demonstrate understanding of genetic variation and change	4						
91159	Demonstrate understanding of gene expression	4						

BUILDING		BUI200						
Students will be developing the skills they learnt in the level 1 building course. This course leads to a vocation in BCATS (Building Construction Allied Trades Skills). They will be using the full range of power tools and machines to create a range of projects. Course costs: \$175								
Entry Requirements		14 credits in BUI100 or with TIC approval						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0						
Course endorsement available		No						
Level 3 course available		No						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace	4						
24358	Plan and monitor the construction of a BCATS project and quality check the product	2						
24351	Demonstrate knowledge of and use specified fixed machinery in the construction of BCATS projects	6						
24350	Identify, select, maintain and use portable power tools for BCATS projects	6						

BUSINESS STUDIES		BUS 201						
In this course students will plan, take to market, review and refine a business activity. They will also study how large businesses in New Zealand need to respond to internal and external factors such as: business expansion, corporate social responsibility, political and technological influences. Students will gain knowledge, skills and experience to identify operational problems, develop a range of solutions and make recommendations. Course materials: \$28 workbook								
Entry Requirements		BUS101 or HELA approval						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		BUS301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
90846	Conduct market research for a new or existing product	3						
90848	Carry out, review and refine a business activity within a community context with guidance	9						
90843	Demonstrate understanding of the internal operations of a large business	4						
90844	Demonstrate understanding of how a large business responds to external factors	4						



For further information on NCEA, download the NCEA App.



CAREERS EMPLOYMENT AND LIFESKILLS CEL210							
This is a level 2/3 programme designed to develop student's skills in investigating career pathways, study and work options as well as skills for independent living. This course consists of three units of work; Independent Living; Job Seeking; At Work, with a mix of theory and practical components which will include a variety of field trips.							
Entry Requirements		None					
UE Literacy Reading credits		0	UE Literacy Writing credits			0	
UE Literacy Both (Reading and Writing)		0					
Course endorsement available		No					
Level 3 course available		No					
Standards		Credits	Vocational Pathways				
			C&I	CI	M&T	PI	S&C
1827	Identify support services and resources within the community	2					
12354	Describe legal implications of living in rented accommodation and means to prevent or resolve related problems	4	NZQA has yet to classify these standards under the Vocational Pathways.				
4253	Demonstrate knowledge of job search skills	3					
4252	Produce a personal targeted CV (curriculum vitae)	2					
1294	Be interviewed in a formal interview	2					
24871	Complete complex forms	2					
12349	Demonstrate knowledge of time management	4					

CHEMISTRY CHE201							
This course is comprised of a combination of external and internal assessment opportunities. Internal standards involve a lot of practical work with, two of the three internals assessing practical and theory skills. External assessments are heavily theory based with a smaller practical component. External assessments focus on the teaching of the reactivity of compounds and the factors affecting reactivity as well as the chemistry of organic compounds. SCIPAD \$25.00							
Entry Requirements		8 internal and 8 external credits at Level 1 Science (one must be Science 1.5). Borderline cases approval through TIC Level 2 Chemistry.					
UE Literacy Reading credits available		0	UE Literacy Writing credits available			0	
UE Literacy Both (R&W) available		0					
Course endorsement available		Yes					
Level 3 course available		CHE301					
Standards		Credits	Vocational Pathways				
			C&I	CI	M&T	PI	S&C
91161	Carry out quantitative analysis	4					
91162	Carry out procedures to identify ions present in solution	3					
91164	Demonstrate understanding of bonding, structure, properties and energy changes	5					
91165	Demonstrate understanding of the properties of selected organic compounds	4					
91166	Demonstrate understanding of chemical reactivity	4					
91167	Demonstrate understanding of oxidation-reduction	3					

COMPUTING		COM110	COM210	COM310				
This is a vocational pathways course for those interested in developing their skills using administrative applications, such as desktop publishing, presentations, spreadsheets, database, word processing and webpage creation and offers standards at both Level 1 and Level 2. It is open to any student studying Level 1 and 2. Individual plans meeting the students' level of learning will be made through a selection of the following Unit Standards.								
Course materials: \$20 (approximately)								
Entry Requirements		This is a foundation course open to all students						
NCEA Literacy credits available		0	NCEA Numeracy credits available					
UE Literacy Reading credits available			UE Literacy Writing credits available					
UE Literacy Both (R&W) available		0						
Course endorsement available		No						
Level 2 and 3 course available		DDN200 and DDN300						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
Level 1								
18758	Find information using the internet	2						
2780	Demonstrate and apply knowledge of a personal computer	3						
2792	Produce simple desktop published documents using templates	2						
5946	Use computer technology to create and deliver a presentation from given content (Powerpoint)	3						
18734	Create a web page using a template	2						
25659	Create a web page using a markup text edit	2						
18743	Produce a spreadsheet from instructions using supplied data	2						
18739	Create and use simple command sequences in a computer language	2						
Level 2								
2781	Manage and protect data in a personal computer system	3						
2786	Create and use a computer database to solve a problem	3						
2788	Produce a desktop published document to meet a set brief	5						
2791	Integrate spreadsheet & database data into word processed documents to meet a set brief	3						
5940	Produce a presentation using a desktop presentation computer application (Powerpoint)	3						
Level 3								
2789	Produce desktop published documents for organisation use	6	NZQA has yet to classify these standards under the Vocational Pathways.					
25661	Design and assemble an interactive media product without scripting	3						
12886	Customise software features and create document templates for generic text and information management	6						

All course details are correct at the time of printing. Some details may change following end of year programme reviews. Any amendments will be advised to students in course outlines at the start of 2020.

DESIGN AND VISUAL COMMUNICATION		DVC201						
Students will work on two design briefs each requiring the production of a folio of work. One brief will be a product design such as a piece of furniture based on a design movement. The other, a spatial/architectural problem where they will design a building or space such as a tourist information centre. While producing this folio work, students will learn how to sketch, present and problem solve graphically. They will also learn how to effectively use industry standard CAD 3D modelling software. Course materials: \$25								
Entry Requirements		14 credits in DVC100 or at the discretion of the TIC						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		DVC301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91338	Produce working drawings to communicate technical details of design ideas	4						
91340	Use the characteristics of a design era or movement to inform own design ideas	3						
91341	Develop a spatial design through graphics practice	6						
91343	Use visual communication techniques to compose a presentation of a design (optional)	4						
91342	Develop a product design through graphics practice	6						

South Island Tertiary Institution Websites:

www.academy.ac.nz

www.otago.ac.nz

www.lincoln.ac.nz

www.nzschooloftourism.co.nz

www.nztertiarycollege.ac.nz

www.aviationinstitute.co.nz

www.computerpowerplus.ac.nz

www.airways.co.nz

www.dac.ac.nz

www.canterbury.ac.nz

www.sit.ac.nz

www.visioncollege.ac.nz

www.nmit.ac.nz

www.ara.ac.nz

www.nzis.ac.nz

www.nta.co.nz

www.tpp.ac.nz

www.op.ac.nz

www.nzis.co.nz

C&I	CI	M&T	PI	S&C	SI
Construction and Infrastructure	Creative Industries	Manufacturing and Technology	Primary Industries	Social and Community	Service Industries

DIGITAL TECHNOLOGIES		DTC201						
This is a course for those seeking a career in digital media electronics or programming. It supports the development of knowledge and skills required for understanding advanced computer science concepts and programming. The course is developed offering a selection of credits (up to 20) from the list below. This course is available to students studying at Level 2. Course materials: \$20 (approximately)								
Entry Requirements		DTC101 or by agreement with the TIC.						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91367	Demonstrate understanding of advanced concepts relating to managing shared information within information systems	3						
91368	Implement advanced procedures to produce a specified digital information outcome with dynamically linked data	6						
91369	Implement advanced procedures to produce a specified digital information outcome with dynamically linked data	4						
91370	Implement advanced procedures to produce a specified digital media outcome	4						
91371	Demonstrate understanding of advanced concepts from computer science	4						
91372	Construct a plan for an advanced computer program for a specified task	3						
91373	Construct an advanced computer program for a specified task	3						
91374	Demonstrate understanding of advanced concepts used in the construction of electronic environments	3						
91375	Implement advanced interfacing procedures in a specified electronic environment	3						
91376	Implement advanced techniques in constructing a specified advanced electronic and embedded system	3						
91377	Demonstrate understanding of local area network technologies	3						
91378	Implement procedures for administering a local area network	4						



For more on the Vocational Pathways visit www.youthguarantee.net.nz/vocationalpathways/

Visit www.careers.govt.nz for more information on possible careers.



DRAMA PERFORMANCE		DRA201						
<p>It is not required for a student to complete all of the Achievement Standards listed. Teacher, student negotiation and class dynamics will impact on what is completed. Drama is a performance based course, so all students must be prepared to perform to an audience. Each Achievement Standard requires a written component to support the performance task. Students need to be committed to using out of class time for learning lines and rehearsals, as well as working collaboratively with other year levels. This is an Achievement Standard class, including an external examination. Course costs: External provider or trip costs</p>								
Entry Requirements		DRA101 or approval by the teacher in charge						
UE Literacy Reading credits available		9		UE Literacy Writing credits available		9		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		DRA301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91213	Apply drama techniques in a scripted context	4						
91218	Perform a substantial acting role in a scripted production	5						
91219	Discuss drama elements, techniques, conventions and technologies within live performance	4						
91214	Devise and perform a drama to realise an intention- Optional	5						
91220	Script a drama suitable for a live performance - Optional	4						
91221	Direct a scene for drama performance (option not an extra) - Optional	4						

DRAMA TECHNOLOGY		DTE211						
<p>Credits gained in this class are eligible for endorsement if you sit the Media external examination. Performing Arts Technology is a Unit Standard based course which supports student performances within the college (Showquest, Senior Production, Junior Production). Students are assessed individually but will collaborate with others to achieve a shared goal and maintain the desired effect for the performance. This will include, the director, stage crew and performers. Performance deadlines will apply. The order and specific Unit Standards you will complete will depend on a projects needs and individual skills. Course cost: External provider or trip costs</p>								
Entry Requirements		Discretion of teacher in charge of subject						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		4		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		DTE310						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
27699	Research and design a costume for a specified performance context	4						
27701	Demonstrate knowledge and skills of make-up design and application for a specified character	4						
27702	Take responsibility for a production area of a performance	4						
27704	Design and construct item(s) to meet production needs for a performance context	4						
27613	Write and present news stories intended for publication	4						
27615 Media	Take and select photographs for a news story and a feature	3						
91251	Demonstrate understanding of an aspect of a media genre (<i>optional external examination</i>)	4						

ENGLISH		ENG201						
An academic English course that will develop student's ability to read, think and respond to studied texts critically. This option includes study of written and visual texts with a particular focus on written texts . There is a strong focus on crafting ideas and writing with accuracy. This course is designed for those who have high academic ability and plan on continuing with literacy rich subjects in Level 3 or above.								
Entry Requirements		Students must have achieved at least 12 credits in Level 1 English, inclusive of the internal achievement standard AS90852 [1.8] Connections and at least one of the external standards. Alternatively, entrance is in consultation with HELA.						
UE Literacy Reading credits available		4		UE Literacy Writing credits available		10		
UE Literacy Both [R&W] available		4						
Level 3 course available		ENG301 or ENG311						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91098 [2.1] Ext UE Both	Analyse specified aspect[s] of studied written text[s], supported by evidence	4						
91099 [2.2] Ext UE Writing	Analyse specified aspect[s] of studied visual or oral text[s], supported by evidence	4						
91101 [2.4] UE Writing	Produce a selection of crafted and controlled writing	6						
91104 [2.7]	Analyse significant connections across texts, supported by evidence	4						
91106 [2.9] UE Reading	Form developed personal responses to independently read texts, supported by evidence	4						
91107 [2.10]	Analyse aspects of visual and/or oral text[s] through close viewing and/or listening, supported by evidence	3						

New Zealand Tertiary Institution websites:

www.academy.ac.nz

www.lincoln.ac.nz

www.neverstop.ac.nz

www.ara.ac.nz

www.victoria.ac.nz

www.lincoln.ac.nz

www.nta.co.nz

www.canterbury.ac.nz

www.visioncollege.ac.nz

www.op.ac.nz

www.otago.ac.nz

www.unitec.ac.nz

www.ucol.ac.nz

www.toiohomai.ac.nz

www.sit.ac.nz

www.waikato.ac.nz

www.taratahi.ac.nz

www.aviationinstitute.co.nz

www.massey.ac.nz

www.computerpowerplus.ac.nz

www.nzschoofoftourism.co.nz

www.tpp.ac.nz

www.airways.co.nz

www.nmit.ac.nz

www.eit.ac.nz

www.northland.ac.nz

www.waiariki.ac.nz

www.witt.ac.nz

www.nztertiarycollege.ac.nz

www.waikato.ac.nz

www.aut.ac.nz

www.nzis.co.nz

www.mediadesignschool.com

www.dac.ac.nz

www.weltec.ac.nz

www.aspire2.ac.nz

www.aviationinstitute.co.nz

www.wintec.ac.nz

www.manukau.ac.nz

www.openpolytechnic.ac.nz

www.whitireia.ac.nz

www.whitecliffe.ac.nz

ENGLISH		ENG211						
An academic English course that will develop student's skills in reading critically and writing accurately. This course will be a selection from the below standards. The studied texts will have a visual focus for this course, however there will still be a component of some written texts. If final standard selection includes unit standards, these do not count towards UE Literacy. Finalisation of the course will be done by week 2 of term 1 in consultation with students.								
Entry Requirements		Students must have achieved at least 12 credits in Level 1 English, inclusive of the internal achievement standard AS90852 [1.8] Connections and at least one of the external standards. Alternatively entrance is in consultation with HELA.						
UE Literacy Reading credits available		4		UE Literacy Writing credits available		4		
UE Literacy Both [R&W] available		4						
Course endorsement available		Yes						
Level 3 course available		None						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91099 [2.2] Ext UE Writing	Analyse specified aspect[s] of studied visual or oral text[s], supported by evidence	4						
91100 [2.3] UE Both	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	4						
91104 [2.7]	Analyse significant connections across texts, supported by evidence	4						
91107 [2.10]	Analyse aspects of visual and/or oral text[s] through close viewing and/or listening, supported by evidence	3						
91106 [2.9] UE Reading	Form developed personal responses to independently read texts, supported by evidence	4						
2989	Select, read, and assess texts on a topic	3	NZQA has yet to classify these standards under the Vocational Pathways.					
3488	Write business correspondence for a workplace	3						
3492	Write a short report	3						

Some courses will be finalised after discussion between teachers and students. These courses will be confirmed from the standards listed in the course booklet early Term 1 and will have between 18 and 22 credits.

GATEWAY		GAT200							
<p>Gateway is an exciting opportunity that opens a new pathway from school to the world of work and study while continuing to work towards NCEA. Each student has an individualised course where they attend a work placement one day a week, complete compulsory First Aid and Health and Safety courses and work on industry based standards, achieving at least 20 credits over the year at Level's 2 and 3. Gateway allows students to build skills and knowledge for employment, make informed career choices and build links to the workplace, industry training organisations and tertiary institutions. Gateway is work based training designed to simulate the real world of work, students will not work shadow out in business but be as actively involved as is possible within the constraints of the Health and Safety at Work Act 2015. Potential Gateway students must be able to display a strong interest in a particular industry or career direction; be reliable and punctual with a good attendance record; be able to manage individualised/self-directed learning and assessment; demonstrate enthusiasm and a desire to learn and be work ready. The credits listed below are the school standards. Other credits will be added to students Learning Plan based on their Industry Placement. Students are asked to express interest during their pathways interview.</p>									
Entry Requirements		By application and interview							
Standards		Level	Credits	Vocational Pathways					
				C&I	CI	M&T	PI	S&C	SI
17954	Demonstrate knowledge of hearing conservation	3	3						
497	Demonstrate knowledge of workplace health and safety requirements	1	3						
17593	Apply safe work practices in the workplace	2	4						
6400	Manage first aid in an emergency situation	3	2						
6401	Provide first aid	2	1						
6402	Provide basic life support	1	1						
4284	Describe requirements and expectations faced by employees within the workplace	1	3						
10781	Produce a plan for own future directions	2	3						
24871	Complete complex forms	2	2						
29363	Learn to drive a vehicle, get NZ Learners	1	2						
3462	Knowledge of road code (Learners)	2	3						
29364	Drive a vehicle, get Restricted Licence	2	4						
29365	Drive a vehicle, get Full Licence	2	2						

GEOGRAPHY		GEO201						
GEO201 builds on the skills and knowledge developed within GEO101. In this course, students will work with teaching staff to choose their own yearlong interest topic. They will use this topic to build a portfolio of work towards all internally assessed Achievement Standards. Students will then choose if they want to complete one Achievement Standard on the same in the end of the year exam.								
Entry Requirements		14 credits from GEO101 or ENG 101 or HELA Approval						
UE Literacy Reading credits available		0		UE Numeracy credits available		0		
UE Literacy Both [R&W] available		18						
Course endorsement available		Yes						
Level 3 course available		GEO301						
Standards Students will select from		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91241	Demonstrated geographic understanding of an urban pattern	3						
91244	Conduct geographic research with guidance	5						
91246	Explain aspects of a geographic topic at a global scale	3						
91245	Explain aspects of a contemporary New Zealand geographic issue	3						
91240	Demonstrate geographic understanding of a large natural environment	4						

HEALTH EDUCATION		HEA201						
Students will critically explore influences that undermine or support the well-being of themselves and others. This course takes a focus of empowering and valuing individuals, groups and communities to improve health outcomes. Students will look at a range of topics including teenage alcohol use, health promotion initiative, managing in times of change, discrimination, gender identity and sexuality. We seek to challenge and explore values, beliefs and opinions relating to a range of topics. Students are given the opportunity to take action to enhance their own and others well-being.								
Entry Requirements		HEA 101 or HELA approval						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		0						
Course endorsement available		Yes						
Level 3 course available		HEA301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91236	Evaluate factors that influence people's ability to manage change	5						
91237	Take action to enhance an aspect of people's well-being within the school or wider community	5						
91238	Analyse an interpersonal issue(s) that places personal safety at risk	4						
91239	Analyse issues related to sexuality and gender to develop strategies for addressing the issues	5						

HISTORY		HIS201						
Level 2 History students will build upon the basis of skills they established in Level One. Students will complete an in-depth inquiry across the year on a topic of their choosing with consultation from teaching staff. They will use this topic to build a portfolio of work towards all internally assessed Achievement Standards. Students will then complete one Achievement standard on one of the topics. Cross crediting with Drama, English and Media Studies is available in 2020.								
Entry Requirements		14 Credits from HIS101 or ENG 101, or subject to HELA approval						
UE Literacy Reading credits available		14		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		5						
Course endorsement available		Yes						
Level 3 course available		HIS301						
Standards Students will select from		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91229	Carry out an inquiry of an historical event, or place, of significance to New Zealanders	4						
91230	Examine an historical event, or place, that is of significance to New Zealanders	5						
91232	Interpret different perspectives of people in an historical event of significance to New Zealanders	5						
91233	Examine causes and consequences of a significant historical event	5						



www.careers.govt.nz

HOME ECONOMICS		HEC201						
An Achievement Standard course with both internal and external credits. Students will also have the opportunity to gain course endorsements with both theory and practical components. There is a focus on health promotion, specific food needs, beliefs, attitudes, values and nutrition in New Zealand. There is a class trip focussing on the issues raised. Course materials: Food \$270 Booklets \$20								
Entry Requirements		HEC101 or HELA approval						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		8		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		HEC301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91301	Analyse beliefs, attitudes and practices related to a nutritional issue for families in NZ	5						
91302	Evaluate sustainable food related practices	5						
91304	Evaluate health promoting strategies designed to address a nutritional need	4						
91300	Analyse the relationship between well-being, food choices and determinants of health	4						

HOSPITALITY		HOS200						
This course aims to complete all the coffee and tea service units within the Hospitality Industry. Students will gain their Barista certificate. Some cookery skills are also offered. There is a class trip to a Hospitality Training Venue and Hotel Luncheon. Students can expect to have 1-2 practical lessons a week. This is a great course if you are looking at a career in the Hospitality Industry and want to gain the barista knowledge so you can gain employment in a café while at University. Course materials: Food \$270 Booklets \$90 Coffee Units \$100 (optional)								
Entry Requirements		HOS100 is an advantage						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		0						
Course endorsement available		No						
Level 3 course available		HOS300						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
14434	Prepare and clear areas for table service in a commercial hospitality environment	3						
14436	Provide table service in a commercial hospitality environment	4						
14425	Prepare and serve hot and cold non-alcoholic drinks in a commercial hospitality environment	5						
28145	Interact with customers in a service delivery context	2						
17285	Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision (optional)	4						
167	Practice food safety methods in a food business under supervision	4						
13285	Handle and maintain knives in a commercial kitchen	2						
13283	Prepare and present salads for service	2						
13276	Cook food items for grilling	2						

JAPANESE		JPN201						
The Level 2 Japanese course extends and builds on the language learnt in Level 1 Japanese and further develops students' ability to communicate in and understand Japanese.								
Entry Requirements		Level 1 Japanese						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		JAP301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91133	Understand spoken Japanese (listening)	5						
91136	Understand written Japanese (reading)	5						
91135	Give a spoken presentation in Japanese	4	NZQA has yet to classify these standards under the Vocational Pathways.					
91137	Write in Japanese (portfolio)	5						

All course details are correct at the time of printing. Some details may change following end of year programme reviews. Any amendments will be advised to students in course outlines at the start of 2020.

MAORI PERFORMING ARTS		MPA200						
The outcomes in Level 2 Maori Performing Arts are, to present an oral, visual or written explanation on the history and tikanga on hand games, stick games or string games. To be able to research and present either an oral, visual, or written description/explanation of the tikanga and pūtake for a mōteatea, waiata, poi, haka and haka wāhine. And to demonstrate a comprehensive knowledge of mōteatea, waiata, poi, haka and haka wāhine with artistic expression.								
Entry Requirements		16 credits or more from MPA100, or at the discretion of TIC of Te Reo Māori and Māori Performing Arts						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) credits available		0						
Course endorsement available		No						
Level 3 course available		MPA300						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
13359	Demonstrate the knowledge and skills of mōteatea	6						
13363	Demonstrate the knowledge and skills waiata-ā-ringa	6						
13367	Demonstrate the knowledge and skills of poi	7						
13371	Demonstrate the knowledge and skills of haka	6						



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MATHEMATICS		MAT201						
The course will cover sufficient material in Algebra and Geometry for successful students to continue to either Statistics or Mathematics with Calculus at Level Three. Students will gain more mature methods for solving problems. Note: A Casio Graphics Calculator is required for this course (approx. \$100)								
Entry Requirements		At least 14 credits from NCEA Level One including AS91027 (1.2) and AS91028 (1.3) preferably with Merit or above.						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0		NCEA Numeracy credits available		20		
Course endorsement available		Yes						
Level 3 course available		MAC301 and/or MAS301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91256	Apply coordinate geometry methods in solving problems	2						
91257	Apply graphical methods in solving problems	4						
91269	Apply systems of equations in solving problems	2						
91259	Apply trigonometric relationships in solving problems							
91261	Apply algebraic methods in solving problems	4						
91262	Apply calculus methods in solving problems	5						

MATHEMATICS with STATISTICS		MAS201						
This course has a major focus on statistical thinking and data analysis. Students will gain a better understanding on how Statistics relates and is used both in the world and their other subjects. A beneficial subject in its own right but also helpful in supporting subjects for the Sciences and Social Sciences. Note: A Casio Graphics Calculator is required for this course (approx. \$100)								
Entry Requirements		At least 10 credits from Level One Mathematics including AS90136 and Level 1 literacy from Achievement Standards						
UE Literacy Reading credits available		2	UE Literacy Writing credits available					
UE Literacy Both (R&W) available		0	NCEA Numeracy credits available					
Course endorsement available		Yes						
Level 3 course available		MAS301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91263	Design a questionnaire	3						
91264	Use statistical methods to make an inference	4						
91265	Conduct an experiment to investigate a situation using statistical methods	3						
91266	Evaluate a statistically based report	2						
91268	Investigate a situation involving elements of chance using a simulation	2						
91267	Apply probability methods in solving problems	4						

MECHANICAL ENGINEERING TECHNOLOGY		MEC200						
Students will undertake the building of an engine powered Go Cart. While this is in progress, they will study several industry sourced Unit Standards relating to marking out, drawing and tool usage. The Go Cart materials will cost \$150, however to have a functional example, a parts kit, costing \$350 is required. We place an order for this kit in February. Course materials: \$150 (Go Cart kit optional \$350)								
Entry Requirements		14 credits in MEC100 or BUI100 or at the discretion of the TIC						
UE Literacy Reading credits available		0	UE Literacy Writing credits available					
UE Literacy Both [R&W] available		0						
Course endorsement available		No						
Level 3 course available		MEC300						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
2395	Select use and care for engineering hand tools	4						
2396	Select, use, and maintain portable hand held engineering power tools	4						
2430	Manually produce and interpret engineering sketches under supervision	2						
2387	Assemble mechanical components under supervision	4						
4436	Select, use, and care for engineering marking-out equipment	3						

MEDIA STUDIES		MED201						
This is an academic course for students interested in studying and creating Media for future pathways. Media studies is about the active exploration, analysis, creation, and enjoyment of the media and its products. Media studies examines the dynamic role of the media in society, how the media constructs messages about individuals, communities, and cultures and how media products are produced, controlled, and distributed. Through media studies students gain the knowledge and skills to conceive, plan, design and make media products that engage audiences.								
Entry Requirements		10 Achievement Standard credits at Level 1 English						
UE Literacy Reading credits available		0	UE Literacy Writing credits available 3					
UE Literacy Both (R&W) available		4						
Course endorsement available		Yes						
Level 3 course available		MED301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91250	Demonstrate understanding of representation in the media	3						
91251 UE Both	Demonstrate understanding of an aspect of a media genre	4						
91252	Produce a design and plan for a developed media product using a range of conventions	4						
91253	Complete a developed media product from a design ad plan using a range of conventions	6						
91255 UE Writing	Write developed media text for a specific target audience	3						

MUSIC		MUS201						
This course further develops individual creative expression through performance both as a soloist and also as part of a group, developing ensemble awareness skills. An extra opportunity is available from this level on for students who can capably perform on more than one instrument. Students will select their individual plan of standards to enter into, in accordance with their own strengths and in consultation with the music teacher.								
Entry Requirements		MUS101 or relevant proven performance capability						
UE Literacy Reading credits available		0	UE Literacy Writing credits available 0					
UE Literacy Both [R&W] available		0						
Course endorsement available		Yes						
Level 3 course available		MUS301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91270	Perform two substantial pieces of music as a featured soloist	6						
91271	Compose two substantial pieces of music	6						
91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	4						
91273	Devise an instrumentation for an ensemble	4						
91274	Perform a substantial piece of music as a featured soloist on a second instrument	3						
91276	Demonstrate knowledge of conventions in a range of music scores	4						
91278	Investigate an aspect of New Zealand music	4						

PERSONAL FINANCE AND CAPABILITY PFC200								
This course will assist students wanting to gain an understanding of personal finance and capabilities. Skills learnt in this course encourage financial responsibility and sound financial decision making. Students will learn about preparing budgets, banking services, types of insurance, different types of income and tertiary study funding options.								
Entry Requirements		Level 1 Numeracy or HELA approval						
UE Literacy Reading credits available		0	UE Literacy Writing credits available		0			
UE Literacy Both [R&W] available		0						
Course endorsement available		No						
University Entrance approved course		No						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
28092	Analyse the effect of significant life events at different life stages on personal financial income	3	NZQA has yet to classify these standards under the Vocational Pathways.					
28093	Describe the future financial responsibilities of utilising tertiary study funding options	3						
28094	Produce a balanced budget and adjust the budget to reflect changing financial circumstances	3						
28096	Demonstrate understanding of insurance products for personal financial capability	3						
28097	Evaluate and select personal banking products and services in relation to personal financial needs	3						

Some courses will be finalised after discussion between teachers and students. These courses will be confirmed from the standards listed in the course booklet early Term 1 and will have between 18 and 22 credits.

PHYSICAL EDUCATION PED201								
Students will experience coaching a group of junior students and evaluating leadership strategies; describe how biophysical principles relate to the learning of skills; examine the significance for self, others and society of a sporting event; demonstrate quality performance in badminton; and demonstrate social responsibility in physical activity.								
Entry Requirements		14 credits from PED101 or HELA approval and achieved 90963						
UE Literacy Reading credits available		0	UE Literacy Writing credits available		0			
UE Literacy Both [R&W] available		0						
Internal Credits		20	External Credits		0			
Course endorsement available		Yes						
Level 3 course available		PED301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	5						
91330	Perform a physical activity in an applied setting	4						
91331	Examine the significance for self, others and society of a sporting event, a physical activity, or a festival	4						
91332	Evaluate leadership strategies that contribute to the effective functioning of a group	4						
91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	3						

PHYSICS		PHY201						
This course studies the following in detail: Motion, Force, Momentum and Energy, Atomic models, Radioactive decay, Half-life, Static electricity, DC electricity and electromagnetism. Course materials: \$25								
Entry Requirements		12 credits in SCI101 including US90940 or with TiC approval						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		0						
Course endorsement available		Yes						
Level 3 course available		PHY301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	4						
91169	Demonstrate understanding of physics relevant to a selected context	3						
91172	Demonstrate understanding of atomic and nuclear physics	3						
91171	Demonstrate understanding of mechanics	6						
91173	Demonstrate understanding of electricity and electromagnetism	6						



For more on the Vocational Pathways visit www.youthguarantee.net.nz/vocationalpathways/

Visit www.careers.govt.nz for more information on possible careers.



www.careers.govt.nz



C&I	CI	M&T	PI	S&C	SI				
Construction and Infrastructure	Creative Industries	Manufacturing and Technology	Primary Industries	Social and Community	Service Industries				
RURAL TRADES ACADEMY RTA200									
Year 12 option 1 (Agriculture strand): The Primary ITO Trades Academy works alongside NCEA and Year 11 or 12 students can combine their NCEA studies with a National Certificate in Agriculture, or Horticulture (Level 1 or 2). Blending classroom study with on-job learning, the Trades Academy includes field trips in Year 11 and one day per week industry placement in Year 12. As the Academy is Government funded there are limited spaces available and an application and interview process is in place. The Trades Academy allows us to match students to appropriate industry professionals and businesses to fulfil the practical requirement of our programme, and therefore achieve industry relevant qualifications. At Year 11 students work on the National Certificate in Primary Sector (Level 1).									
Entry Requirements		By application and interview with parents, Primary ITO representative and TIC							
UE Literacy Reading credits available		0	UE Literacy Writing credits available		0				
UE Literacy Both (R&W) available		0							
Course endorsement available		No							
Level 3 course available		No							
Standards			Credits	Vocational Pathways					
				C&I	CI	M&T	PI	S&C	SI
Compulsory units									
31	Connect up, and perform repairs and maintenance on an on-farm water supply system	2							
19044	Demonstrate knowledge of the legal requirements and hazards associated with tractor use - <i>*prerequisite for 24552</i>	3							
19112	Check and report on livestock	4							
19114	Assist with handling and treatment of livestock	6							
19116	Demonstrate knowledge of livestock behaviour and animal welfare	2							
23540	Demonstrate knowledge of hazards, hazard control, and the consequences of injury in a rural workplace	5							
23541	Locate hazards, describe safety procedures, and demonstrate safe work practices in a rural workplace	5							
24552	Check and drive a basic wheel tractor with an attached implement on flat terrain	5							
24557	Demonstrate knowledge of the safe operation of a quad bike - <i>*prerequisite for 24554</i>	3							
24630	Assist with livestock grazing management, and feed livestock under direct supervision	4							
19145	Describe hydration, nutrition, and sleep in relation to physical well-being for agriculture workers	4							
Elective units (Rule: Minimum of one Unit Standard from this section)									
27602	Ride a quad on flat terrain under close supervision	3							
27608	Drive a basic wheel tractor on flat terrain under close supervision	3							

RURAL TRADES ACADEMY		RTA200						
Year 12 option 1 (Horticulture strand): The Primary ITO Trades Academy works alongside NCEA and Year 11 or 12 students can combine their NCEA studies with a National Certificate in Agriculture, or Horticulture (Level 1 or 2). Blending classroom study with on-job learning, the Trades Academy includes field trips in Year 11 and one day per week industry placement in Year 12. As the Academy is Government funded there are limited spaces available. The Trades Academy allows us to match students to appropriate industry professionals and businesses to fulfil the practical requirement of our programme, and therefore achieve industry relevant qualifications.								
Entry Requirements		By application and interview with Primary ITO representative and TIC Agriculture						
UE Literacy Reading credits		0		UE Literacy Writing credits			0	
UE Literacy Both (Reading and Writing)		0						
Internal Credits		46 credits in the Level 2 National Certificate in Horticulture						
Course endorsement available		No						
Level 3 course available		No						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
Compulsory units								
4	Maintain hand tools and service small engines used in horticulture	5						
2803	Maintain a documented work record of horticultural activities	5						
22188	Demonstrate knowledge of irrigation systems used in horticulture	5						
21556	Control weeds under supervision	2						
2765	Plant trees and shrubs	4						
771	Demonstrate knowledge of the production horticulture industry in New Zealand	5						
22174	Demonstrate knowledge of soils and fertilisers	5						
Elective units (Rule: Minimum of two Unit Standards from this section)								
20574	Identify plants	5						
27213	Identify and interpret agrichemical product information, and demonstrate knowledge of safety with agrichemicals	5						
829	Demonstrate knowledge of plant nomenclature	5						
20570	Demonstrate knowledge of nursery growing media and soils	5						
22177	Demonstrate knowledge of the structure and function of plants	5						

SCIENCE - APPLIED		SCI 210						
This course allows students to pursue studies in a range of science based contexts. It is aimed at students that are not intending to pursue university level sciences but wish to continue with science at school. Standards completed in the year will be selected from those below based upon the students learning needs.								
Entry Requirements		HELA approval						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0						
Course endorsement not available		No						
Level 3 course available		No						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91162	Carry out procedures to identify ions present in solution	3						
91169	Demonstrate understanding of physics relevant to a selected context	3						
91153	Carry out a practical investigation in a biology context, with supervision	4						
91160	Investigate biological material at the microscopic level	3						
91187	Carry out a practical Earth and Space Science Investigation	4						

TE REO MAORI		MAO201						
Students need to complete a variety of different tasks for the same standard. They select their best work to be assessed and credits are gained according to the criteria. An example is Kōrero which has 6 credits available. Students may be offered five different opportunities to demonstrate their skills, rather than one speech. Students are not required to complete all the credits on offer and may progress to Level 3 despite some areas being a challenge. This is at the discretion of the TIC and in consultation with the student involved.								
Entry Requirements		18 credits or more from MAO100, or at the discretion of TIC of the Te Reo Māori						
UE Literacy Reading credits available		6		UE Literacy Writing credits available		12		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes						
Level 3 course available		MAO301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91284	Whakarongo kia mōhio ki te reo o tōna ao torotoro Listening - Whakarongo	4						
91285	Korero kia whakamahi i te reo o tōna ao torotoro Speaking - Kōrero	6						
91287	Tuhituhi i te reo o tōna ao torotoro Written - Tuhituhi	6						
91288	Waihanga tuhinga i te reo o tōna ao torotoro Creative writing - Waihanga tuhinga	6						

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TOURISM		TOU200						
Year 12 Tourism students will be studying towards the New Zealand Certificate in Tourism (Level 2). Unit Standards 24728 - 24732 are compulsory Unit Standards, the rest contribute towards the credits required for the NZCT which will be completed during Year 13.								
Entry Requirements		Available to all Year 12 students						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		0						
Course endorsement available		No						
Level 3 course available		TOU300						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
57	Provide customer service	2						
18237	Perform calculations for a tourism workplace	3						
23761	Read and comprehend work-related documents in English for a tourism workplace	3						
23767	Demonstrate knowledge of and use the Internet in a tourism workplace	2						
24726	Describe and compare social and cultural impacts of tourism	2						
24727	Describe and compare impacts of tourism on the physical environment	3						
24728	Demonstrate knowledge of work roles in tourism	3						
24729	Demonstrate knowledge of world tourist destinations	4						
24730	Demonstrate knowledge of the business of tourism	4						
24731	Demonstrate knowledge of destination New Zealand	4						
24732	Demonstrate knowledge of tourist characteristics and needs	3						

New Zealand Tertiary Institution websites:

www.academy.ac.nz

www.lincoln.ac.nz

www.neverstop.ac.nz

www.ara.ac.nz

www.victoria.ac.nz

www.lincoln.ac.nz

www.nta.co.nz

www.canterbury.ac.nz

www.visioncollege.ac.nz

www.op.ac.nz

www.otago.ac.nz

www.unitec.ac.nz

www.ucol.ac.nz

www.toihomai.ac.nz

www.sit.ac.nz

www.waikato.ac.nz

www.taratahi.ac.nz

www.aviationinstitute.co.nz

www.massey.ac.nz

www.computerpowerplus.ac.nz

www.nzschooltoftourism.co.nz

www.tpp.ac.nz

www.airways.co.nz

www.nmit.ac.nz

www.eit.ac.nz

www.northland.ac.nz

www.waiariki.ac.nz

www.witt.ac.nz

www.nztertiarycollege.ac.nz

www.waikato.ac.nz

www.aut.ac.nz

www.nzis.co.nz

www.mediadesignschool.com

www.dac.ac.nz

www.weltec.ac.nz

www.aspire2.ac.nz

www.aviationinstitute.co.nz

www.wintec.ac.nz

www.manukau.ac.nz

www.openpolytechnic.ac.nz

www.whitireia.ac.nz

www.whitecliffe.ac.nz

TRADES ACADEMY – SECONDARY TERTIARY PROGRAMMES (STP200)

Trades Academy courses at Level 2 aim to engage young people in education and equip them with the vocational skills and training they need to enter further training and employment. Secondary-Tertiary Programmes are aligned with the Vocational Pathways and deliver trades, technology and industry-aligned programmes to students in years 11 - 13 who are able to enrol under a dual enrolment between the secondary school and tertiary provider. Students that enter a dual enrolment will split their week between the college and the tertiary provider and are therefore best suited to students who are self-managing and are able, with support, to catch up with work missed while attending the Trades Academy one to two days each week. **Level 2 Trades Academy courses are offered free of charge with, both course costs and transport being fully funded.** The following options may be available through the Secondary Tertiary Programmes in 2019, there are limited places on offer in each course and acceptance is subject to the availability of the course and the support of the college.

For more details on Secondary Tertiary Programmes the Careers Office. Applications for these courses should be in by the beginning of November.

Entry Requirements		By special application and interview.							
Standards	Level	Credits	Days per week	Vocational Pathways					
				C&I	CI	M&T	PI	S&C	SI
Introduction to Automotive	2	31	1						
Introduction to Electrical Engineering	2	50	2						
Introduction to Engineering Design	2	20	1						
Sustainability and Outdoor Education Level 2	2	22	1						
Introduction to Beauty Therapy and Salon Skills	2	25	1						
NZ Certificate in Salon Skills	2	61	2						
NZ Certificate in Foundation Skills Retail	2	61	2						
NZ Certificate in Hospitality , Cookery and Beverage	2	41	2						
Certificate in Foundation Studies (Supported Learning - Level 1)	1	30	1						
NTA Course NZ Certificate in Primary Industry L2- Agriculture	2	40	2						
NTA Course NZ Certificate in Primary Industry L3- Pastoral Livestock	3	43	2						
NTA Course NZ Certificate in Agriculture – Vehicles and Machinery	2/3	45	2						
NTA Course NZ Certificate in Animal Care L3	3	37	2						
NTA Course NZ Certificate in Horticulture – Landscaping	3	42	2						
NTA Course NZ Certificate in Equine	2 3	54 52	2 2						



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VISUAL ARTS - PAINTING		PTG201						
<p>This course offers a base introduction into the fundamentals of Painting. At the beginning of the year students will be introduced to various methods of painting and printmaking using wet and dry media to create a range of artworks. They will learn and apply the conventions of painting, to communicate visual responses to their individual briefs. The paintings produced during this time will be used as evidence for two internal assessments collectively worth 8 credits. Over the course of the year, students will investigate, analyse and generate paintings based on a chosen theme which will culminate as a two panel folio worth 12 credits.</p> <p>Field trips: Up to two days for gallery / exhibition visits</p> <p>Course Costs: \$40 for all basic supplies and folio materials used at school. Creative Cloud Membership is recommended for all Level 2 and 3 students. The cost of full access to the Adobe Creative Cloud for one year, is \$8.00 per student, which is loaded onto the students' personal laptop.</p> <p>Extra Costs: \$15-\$20 approximately for trips. \$40+ for specialist supplies such as student's own brushes, pencils, fine tip pens, blue tack, USB drive for digital submissions, double sided tape and printing credit for final folio.</p>								
Entry Requirements		ART101 is highly recommended. Entry without Level 1 is at the discretion of the HELA						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		0						
Course endorsement available		Yes						
Level 3 course available		PTG301, PHO301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91311	Use drawing methods to apply knowledge of conventions appropriate to painting	4						
91316	Develop ideas in a related series of drawings appropriate to established painting practice	4						
91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	12						

South Island Tertiary Institution Websites:

www.academy.ac.nz

www.otago.ac.nz

www.lincoln.ac.nz

www.nzschooloftourism.co.nz

www.nztertiarycollege.ac.nz

www.aviationinstitute.co.nz

www.computerpowerplus.ac.nz

www.airways.co.nz

www.dac.ac.nz

www.canterbury.ac.nz

www.sit.ac.nz

www.visioncollege.ac.nz

www.nmit.ac.nz

www.ara.ac.nz

www.nzis.ac.nz

www.nta.co.nz

www.tpp.ac.nz

www.op.ac.nz

www.nzis.co.nz

All course details are correct at the time of printing. Some details may change following end of year programme reviews. Any amendments will be advised to students in course outlines at the start of 2020.

VISUAL ARTS - PHOTOGRAPHY PHO201

This course offers a base introduction into the fundamentals of Photography. At the beginning of the year students will be introduced to Adobe Photoshop and learn the appropriate wet darkroom processes. They will learn and apply photography conventions, both traditional and digital, to communicate visual responses to their individual briefs. The photographs produced during this time will be used as evidence for two internal assessments collectively worth 8 credits. Over the course of the year, students will investigate, analyse and generate photographs based on a chosen theme which will culminate as a two panel folio worth 12 credits.

Field trips: Up to two days for gallery / exhibition visits

Course Costs: \$60 for all basic supplies and folio materials used at school and printing of portfolio. The course requires access to the Adobe Creative Cloud for one year which is loaded onto the students' personal laptop at the cost of \$8.00 per student.

Extra Costs: \$15-\$20 approximately for trips. \$40+ for specialist supplies such as film, photography paper, blue tack, USB drive for digital submissions, double sided tape and printing credit and photographs for the final folio.

Students are to supply their own 8GB SD card and must back up their work.

Entry Requirements		ART101 is highly recommended. Entry without Level 1 is at the discretion of the HELA						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		0						
Course endorsement available		Yes						
Level 3 course available		PHO301, PTG301						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91312	Use drawing methods to apply knowledge of conventions appropriate to photography	4						
91317	Develop ideas in a related series of drawings appropriate to established photography practice	4						
91322	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	12						



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For more on the Vocational Pathways visit www.youthguarantee.net.nz/vocational/pathways/

Visit www.careers.govt.nz for more information on possible careers.



NCEA LEVEL 3

Year 13 student's select five subjects, most have external assessment at the end of the year as well as internal assessment during the year. Students planning to gain University Entrance must take a minimum of three University Entrance subjects, however we strongly advice taking four or more. Students that have not met the University Entrance Literacy and Numeracy must take subjects where they will gain these credits. The credit totals shown here are indications, they are the maximum expected for each course. Detailed information will be provided at the beginning of the year in a course outline for each course. Some courses will be finalised after discussion between teachers and students, these courses will be confirmed from the standards listed in the course booklet early Term 1 and will have between 18 and 22 credits.

C&I	CI	M&T	PI	S&C	SI
Construction and Infrastructure	Creative Industries	Manufacturing and Technology	Primary Industries	Social and Community	Service Industries

AGRIBUSINESS		AGB301						
<p>This course of study integrates the industries and businesses in the primary sector which is at the heart of how New Zealand earns a living. Today's agribusinesses are sophisticated multi-million dollar businesses run by people with the many skills that are required to run these enterprises. The primary sector includes agriculture, aquaculture, dairy manufacturing, equine, forestry, horticulture, seafood, and sports turf and the agribusinesses across the primary sector require highly skilled and motivate young people with strong educational backgrounds aligned to the many specialist fields with in it. Agribusiness is the understanding that the ability to grow primary products is not sufficient ensures grower's success and that there are many other elements which are also important, such as human resources, strategic management, marketing, policy, financial planning, economics, and natural resources. Students are encouraged to find innovative solutions to challenging operational issues and will learn about the economic, physical/climatic, political, environmental, technological, historical, social, ethical, and cultural influences on agribusinesses and the interrelationships of science, business, technology, society, and the environment.</p> <p>Course costs: Field trips to be confirmed</p>								
Entry Requirements		AGB201 or by negotiation with teachers in charge of subject areas						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		8						
Course endorsement available		Yes		Scholarship available		No		
University Entrance approved course		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91869	Analyse future proofing strategies to ensure long term viability of a business	4	NZQA has yet to classify these standards under the Vocational Pathways.					
91870	Analyse the effect of financing options of a strategic capital expenditure decision on a business	4						
91871	Analyse how a product meets market needs through innovation in the value chain	4						
91381	Apply business knowledge to address a complex problem(s) in a given global business context	4						
91380	Demonstrate understanding of strategic response to external factors by a business that operates in a global context (external also offered in BUS301)	4						

Some courses will be finalised after discussion between teachers and students. These courses will be confirmed from the standards listed in the course booklet early Term 1 and will have between 18 and 22 credits.

AGRICULTURAL AND HORTICULTURAL SCIENCE AGR301								
The Level 3 Agriculture course is designed to build on the skills and knowledge of Year 12 and prepare students for tertiary study. The course addresses a wide range of Agricultural and Horticultural contexts and learning opportunities.								
Entry Requirements		Satisfactory performance at Level 2 or by discussion with TIC Agriculture						
UE Literacy Reading credits available		6		UE Literacy Writing credits available		4 (91387)		
UE Literacy Both (R&W) available		10						
Course endorsement available		Yes		Scholarship course available		Yes		
University Entrance approved course		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91529	Research and reports on the impact of a range of factors on the profitability of a NZ primary product	6						
91528	Carry out an investigation into an aspect of a NZ primary product or its production	4						
91530	Demonstrate how market forces effect supply and demand for NZ primary products	5						
91531	Demonstrate understanding of how the production process meets market requirements for a New Zealand primary product(s)	4						
91532	Analyse a NZ primary production	5						

BIOLOGY BIO301								
The focus of Level 3 Biology is on living organisms, evolution, and biotechnology. By the end of the course students will be able to understand how animals and plants respond to a variety of environmental factors, understand evolution and more specifically human evolution and origins, understand and have an appreciation of practical biological investigation techniques. Standards will be selected from the following in consultation with learners. Course materials: \$25								
Entry Requirements		Satisfactory performance at Level 2 and by HELA Approval (In particular English/Maths/Biology)						
UE Literacy Reading credits available		3		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		16						
Course endorsement available		Yes		Scholarship available		Yes		
University Entrance approved course		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue	3						
91603	Demonstrate understanding of the responses of plants and animals to their external environment	5						
91604	Demonstrate understanding of how an animal maintains a stable internal environment	3						
91605	Demonstrate understanding of evolutionary processes leading to speciation	4						
91606	Demonstrate understanding of trends in human evolution	4						
91601	Carry out a practical investigation in a biological context, with guidance	4						

BUILDING		BUI300				
This course is for students wishing to have a career in the various trades of the construction industry. The students will work independently on complex wood based projects. The focus will be on professional quality workmanship with a high degree of complexity to a fine tolerance.						
Course costs: This will depend on the project chosen by the student and will be charged accordingly, \$175-\$300						
Entry Requirements		12 credits in BUI200 or with TIC approval				
UE Literacy Reading credits available		0	UE Literacy Writing credits available		0	
UE Literacy Both (R&W) available		0				
Course endorsement available		No		Scholarship available		
University Entrance approved course		No				
Standards		Credits	Vocational Pathways			
			C&I	CI	M&T	PI
29678	Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project	4	The Ministry of Education is currently finalising Level 3 Vocational Pathways information.			
29681	Measure and calculate for a Stage 3 BCATS project	3				
29684	Undertake a Stage 3 BCATS project	12				

BUSINESS STUDIES		BUS301				
This course analyses New Zealand businesses operating in national and global markets and will further develop entrepreneurial, leadership and risk taking skills. Students will gain knowledge, skills and experience to identify and evaluate the differing needs of global enterprise. Offering solutions and recommendations to any operational, cultural, political, environmental or legal problems that may occur.						
Course materials: \$30 workbook						
Entry Requirements		BUS201 or HELA approval				
UE Literacy Reading credits available		12	UE Literacy Writing credits available		0	
UE Literacy Both (R&W) available		8				
Course endorsement available		Yes		Scholarship available		
University Entrance approved course		Yes				
Standards		Credits	Vocational Pathways			
			C&I	CI	M&T	PI
91382	Apply a marking plan for a new or existing product	6	NZQA has yet to classify these standards under the Vocational Pathways.			
91383	Analyse a human resource issue affecting businesses	3				
91385	Investigate the exporting potential of a New Zealand business in a market, with consultation	3				
91379	Demonstrate an understanding of how internal factors interact within a business that operates in a global context	4				
91380	Demonstrate understanding of strategic response to external factors by a business that operates in a global context	4				

CHEMISTRY		CHE301						
This course is comprised of a combination of external and internal assessment opportunities. Internal standards involve a lot of practical work with two of the three internals assessing practical skills as well as theory. External assessments are heavily theory based with a smaller practical component. External assessments focus on the teaching of the reactivity of compounds and the factors affecting reactivity, as well as the chemistry of organic compounds. Students will be offered all three externals however 91392 is an optional extra that would be student led with teacher support. SCIPAD \$ 25.00								
Entry Requirements		8 external credits from CHE201						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		3						
Course endorsement available		Yes		Scholarship available		Yes (HELA approval)		
University Entrance approved course		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91389	Demonstrate understanding of chemical processes in the world around us	3						
91393	Demonstrate understanding of oxidation and reduction processes	3						
91388	Demonstrate understanding of spectroscopic data in chemistry	3						
91390	Demonstrate understanding of thermochemical principals and the properties of particles and substances	5						
91391	Demonstrate understanding of the properties of organic compounds	5						
91392	Demonstrate understanding of equilibrium principals in aqueous systems	5						

New Zealand Tertiary Institution websites:

www.academy.ac.nz
www.lincoln.ac.nz
www.neverstop.ac.nz
www.ara.ac.nz
www.victoria.ac.nz
www.lincoln.ac.nz
www.nta.co.nz
www.canterbury.ac.nz
www.visioncollege.ac.nz
www.op.ac.nz
www.otago.ac.nz
www.unitec.ac.nz
www.ucol.ac.nz
www.toiohomai.ac.nz

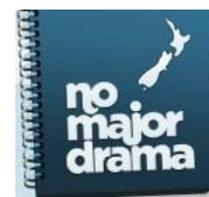
www.sit.ac.nz
www.waikato.ac.nz
www.taratahi.ac.nz
www.aviationinstitute.co.nz
www.massey.ac.nz
www.computerpowerplus.ac.nz
www.nzschoooloftourism.co.nz
www.tpp.ac.nz
www.airways.co.nz
www.nmit.ac.nz
www.eit.ac.nz
www.northland.ac.nz
www.waiariki.ac.nz
www.witt.ac.nz

www.nztertiarycollege.ac.nz
www.waikato.ac.nz
www.aut.ac.nz
www.nzis.co.nz
www.mediadesignschool.com
www.dac.ac.nz
www.weltec.ac.nz
www.aspire2.ac.nz
www.aviationinstitute.co.nz
www.wintec.ac.nz
www.manukau.ac.nz
www.openpolytechnic.ac.nz
www.whitireia.ac.nz
www.whitecliffe.ac.nz

COMPUTING		COM110	COM210	COM310				
This is a vocational pathways course for those interested in developing their skills using administrative applications, such as desktop publishing, presentations, spreadsheets, database, word processing and webpage creation and offers standards at both Level 1 and Level 2. It is open to any student studying Level 1 and 2. Individual plans meeting the students' level of learning will be made through a selection of the following Unit Standards. Course materials: \$20 (approximately)								
Entry Requirements		This is a foundation course open to all students						
NCEA Literacy credits available		0	NCEA Numeracy credits available					
UE Literacy Reading credits available			UE Literacy Writing credits available					
UE Literacy Both (R&W) available		0						
Course endorsement available		No						
Level 2 and 3 course available		DDN200 and DDN300						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
Level 1								
18758	Find information using the internet	2						
2780	Demonstrate and apply knowledge of a personal computer	3						
2792	Produce simple desktop published documents using templates	2						
5946	Use computer technology to create and deliver a presentation from given content (Powerpoint)	3						
18734	Create a web page using a template	2						
25659	Create a web page using a markup text edit	2						
18743	Produce a spreadsheet from instructions using supplied data	2						
18739	Create and use simple command sequences in a computer language	2						
Level 2								
2781	Manage and protect data in a personal computer system	3						
2786	Create and use a computer database to solve a problem	3						
2788	Produce a desktop published document to meet a set brief	5						
2791	Integrate spreadsheet & database data into word processed documents to meet a set brief	3						
5940	Produce a presentation using a desktop presentation computer application (Powerpoint)	3						
Level 3								
2789	Produce desktop published documents for organisation use	6	NZQA has yet to classify these standards under the Vocational Pathways.					
25661	Design and assemble an interactive media product without scripting	3						
12886	Customise software features and create document templates for generic text and information management	6						

DESIGN AND VISUAL COMMUNICATION DVC301							
Students will work on one design problem which requires the production of a highly detailed folio of work as well as presentations and CAD drawings. They can choose to do either a product design or a spatial / architectural problem. While producing this folio of work, students will enhance their sketching, model making and presentation skills. They will also learn how to effectively use industry standard CAD 3D modelling software. Course materials: \$25							
Entry Requirements		12 credits at in DVC201 or at the discretion of the TIC					
UE Literacy Reading Credits		0		UE Literacy Writing Credits		0	
UE Literacy Both (Reading and Writing)		0					
Internal Credits	12	External Credits	10	Total Credits		22	
Course endorsement available		Yes		Scholarship available		Yes	
University Entrance approved course		Yes					
Standards		Credits	Vocational Pathways				
			C&I	CI	M&T	PI	S&C
91627	Initiate design ideas through exploration	4					
91628	Develop a visual presentation that exhibits a design outcome to an audience	6					
91629	Resolve a spatial design through graphics practice	6					
91631	Produce working drawings to communicate production details for a complex design	6					
91630	Resolve a product design through graphics practice	6					

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DIGITAL TECHNOLOGIES		DTC301						
This is a course for those seeking a career in digital media electronics or programming. It supports the development of knowledge and skills required for understanding advanced computer science concepts and programming. This course is available to students studying at Level 3. Course materials: \$20 (approximately)								
Entry Requirements		DTC201 or by agreement with the TIC.						
UE Literacy Reading credits available		4		UE Literacy Writing credits available		8		
UE Literacy Both (R&W) available		4						
Course endorsement available		Yes		Scholarship available		No		
University Entrance approved course		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91632	Demonstrate understanding of complex concepts of information systems in an organisation	4						
91633	Implement complex procedures to develop a relational database embedded in a specified digital outcome	6						
91634	Demonstrate understanding of complex concepts of digital media	4						
91635	Implement complex procedures to produce a specified digital media outcome	4						
91636	Demonstrate understanding of areas of computer science	4						
91637	Develop a complex computer program for a specified task	6						
91638	Demonstrate understanding of complex concepts used in the design and construction of electronic environments	4						
91639	Implement complex interfacing procedures in a specified electronic environment	4						
91640	Implement complex techniques in constructing a specified complex electronic and embedded system	4						
91641	Demonstrate understanding of wide area network technologies	4						
91642	Implement procedures for administering a wide area network	4						



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All course details are correct at the time of printing. Some details may change following end of year programme reviews. Any amendments will be advised to students in course outlines at the start of 2020.

DRAMA PERFORMANCE		DRA 301							
<p>It is not required for a student to complete all of the Achievement Standards listed. Teacher, student negotiation and class dynamics will impact on what is completed. Drama is a performance based course, and all students will be required to perform to an audience. Each Achievement Standard requires a written component to support the performance task. Students need to be committed to using out of class time for learning lines and rehearsals, as well as working collaboratively with other year levels. This is an Achievement Standard class, including an external examination.</p> <p>Course cost: External provider or trip costs</p>									
Entry Requirements		DRA201 or approval by the teacher in charge							
UE Literacy Reading credits available		9		UE Literacy Writing credits available			9		
UE Literacy Both (R&W) available		0							
Course endorsement available		Yes			Scholarship available			No	
University Entrance approved course		Yes							
Standards		Credits	Vocational Pathways						
			C&I	CI	M&T	PI	S&C	SI	
91512	Interpret scripted text to integrate drama techniques in performance	4							
91517	Perform a substantial acting role in a significant production	5							
91513	Devise and perform a drama to realise a concept - Optional	5							
91518	Demonstrate understanding of live drama performance	4							
91519	Script a drama suitable for live performance- Optional	5							
91520	Direct a drama performance (optional not and extra) - Optional	5							



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DRAMA TECHNOLOGY		DTE311						
<p>Credits gained in this class are eligible for endorsement if you sit the Media external examination. Performing Arts Technology is a Unit Standard based course which supports student performances within the college, (Showquest, Senior Production, Junior Production). Students are assessed individually but will collaborate with others to achieve a shared goal and maintain the desired effect for the performance. This will include, the director, stage crew and performers. Performance deadlines will apply. The order and specific Unit Standards you will complete will depend on a projects needs and individual skills.</p> <p>Course cost: External provider or trip costs</p>								
Entry Requirements		Completion of DTE210 or discretion of teacher in charge of subject.						
UE Literacy Reading credits available	0	UE Literacy Writing credits available	4					
UE Literacy Both (R&W) available	0							
Course endorsement available	Yes	Scholarship available	No					
University Entrance approved course	No							
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
28002	Research , develop and visually communicate a costume design concept for a given work (4 characters)	6	NZQA has yet to classify these standards under the Vocational Pathways.					
28004	Research , develop and visually communicate and apply a make-up design concept for a given work (4 characters)	6						
28005	Stage manage a production	6						
27704	Research, develop and visually communicate a set design concept for a given work	6						
28008	Apply set construction skills to meet a set design concept for a given work	3						
27617	Lay out pages intended for publication	3						
91493	Demonstrate understanding of the relationship between a media genre and society <i>(optional external examination)</i>	4						



www.studylink.govt.nz



www.careers.govt.nz

ENGLISH		ENG301						
An academic English course that will continue to strengthen student's ability to read and respond to texts critically. There will be a strong focus on developing academic writing. This course is suitable for those students wishing to undertake further study or who have a strength in literacy rich subjects.								
Entry Requirements		Students must have gained at least 12 credits in Level 2 English inclusive of the internal achievement standard 91104 [2.7] Connections and one of the external exams.						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		4		
UE Literacy Both [R&W] available		8						
Course endorsement available		Yes		Scholarship available		Yes		
University Entrance approved course		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91476 [3.5]	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	3						
91478 [3.7]	Respond critically to significant connections across texts, supported by evidence	4						
91480 [3.9]	Respond critically to significant aspects of visual and/or oral text[s] through close reading, supported by evidence	3						
91472 [3.1] Ext UE Both	Respond critically to specified aspect[s] of studied written text[s], supported by evidence	4						
91473 [3.2] Ext UE Writing	Respond critically to specified aspect[s] of studied visual or oral text[s], supported by evidence	4						
91475 [3.4] UE Writing	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	6						

GATEWAY		GAT300							
<p>Gateway is an exciting opportunity that opens a new pathway from school to the world of work and study while continuing to work towards NCEA. Each student has an individualised course where they attend a work placement one day a week, complete compulsory First Aid and Health and Safety courses and work on industry based standards, achieving at least 20 credits over the year at Level's 2 and 3. Gateway allows students to build skills and knowledge for employment, make informed career choices and build links to the workplace, industry training organisations and tertiary institutions. Gateway is work based training designed to simulate the real world of work, students will not work shadow out in business but be as actively involved as is possible within the constraints of the Health and Safety at Work Act 2015. Potential Gateway students must be able to display a strong interest in a particular industry or career direction; be reliable and punctual with a good attendance record; be able to manage individualised/self-directed learning and assessment; demonstrate enthusiasm and a desire to learn and be work ready. The credits listed below are the School Standards. Other credits will be added to students Learning Plan based on their Industry Placement Students are asked to express interest during their pathways interview.</p>									
Entry Requirements		By application and interview							
Standards		Level	Credits	Vocational Pathways					
				C&I	CI	M&T	PI	S&C	SI
17954	Demonstrate knowledge of hearing conservation								
497	Demonstrate knowledge of workplace health and safety requirements	1	3						
17593	Apply safe work practices in the workplace	2	4						
6400	Manage first aid in an emergency situation	3	2						
6401	Provide first aid	2	1						
6402	Provide basic life support	1	1						
4251	Plan a career pathway	3	2						
1980	Describe, from an employee perspective, ways of dealing with employment relationship problems	3	2						
24871	Complete complex forms	2	2						
29363	Learn to drive a vehicle – NZ Learners	1	2						
3462	Knowledge of road code (learners)	2	3						
29364	Drive a vehicle – Restricted Licence	2	4						
29365	Drive a vehicle – Full Licence	2	2						

GEOGRAPHY		GEO301						
Within this course students are given a range of contexts to allow them the ability to learn, and further develop an understanding of geographic concepts and skills. The contexts covered within GEO301 are; Canterbury Coastlines, Queenstown Winter Festival, Cycling in Christchurch and the diamond trade.								
Entry Requirements		Satisfactory completion of GEO201, or HELA Approval						
UE Literacy Reading credits available	3	UE Numeracy credits available	0					
UE Literacy Both [R&W] available	4							
Course endorsement available	Yes	Scholarship available	No					
University Entrance approved course	Yes							
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91430	Conduct geographic research with consultation	5						
91431	Analyse aspects of a contemporary geographic issue	3						
91432	Analyse aspects of a geographic topic at a global scale	3						
91426	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	4						

HEALTH EDUCATION		HEA301						
This course allows students to gain a deep level understanding of the determinants of health so they can apply them to a range of different situations and contexts. They will develop and use critical thinking models in a series of contexts. Students will research and explore issues, promote strategies and provide recommendations on a range of health issues both within New Zealand and the world. They will also evaluate Health practices currently used in New Zealand. The course will be engaging and relevant to all student in whatever pathway they decide to take.								
Entry Requirements		14 credits from HEA201, PED201 or HELA approval						
UE Literacy Reading credits available	14	UE Literacy Writing credits available	0					
UE Literacy Both [R&W] available	5							
Course endorsement available	Yes	Scholarship available	Yes					
University Entrance approved course	Yes							
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91461	Analyse a New Zealand health issue	5						
91462	Analyse an international health issue	5						
91463	Evaluate health practices currently used in New Zealand	5						
91464	Analyse a contemporary ethical issue in relation to well-being	4						
91465	Evaluate models for health promotion	5						

HISTORY		HIS301						
Level 3 History will build upon the skills they established in Levels 2 and 3. Students will complete a comprehensive inquiry across the year on a topic of their choosing with consultation from teaching staff. They will use this topic to build a portfolio of work aimed at gaining 14 credits required for University Entrance. Students will then choose if they wish to complete another Achievement Standard in the end of the year exam. Cross crediting is available with English in some Achievement Standards.								
Entry Requirements		14 Credits from of HIS201 or ENG 201, or subject to HELA approval						
UE Literacy Reading credits available		15		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		6						
Course endorsement available		Yes		Scholarship available		No		
University Entrance approved course		Yes						
Standards Students will select from		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91434	Research an historical event, or place, of significance to New Zealanders, using primary and secondary sources	5						
91435	Analyse an historical event, or place, of significance to New Zealanders	5						
91437	Analyse different perspectives of a contested event of significance to New Zealanders	5						
91438	Analyse the causes and consequences of a significant historical event	6						

HOME ECONOMICS		HEC301						
Achievement standards closely aligned with Physical Education and Health. All Home Economics Level 3 Achievement Standards are approved University Entrance standards. There is a focus on investigation, research, ethics, nutritional information and food advertising. Course materials: Food \$250 Booklets \$20								
Entry Requirements		HEC101, HEC201 or HELA approval						
UE Literacy Reading credits available		13		UE Literacy Writing credits available		8		
UE Literacy Both (R&W) available		4						
Course endorsement available		Yes		Scholarship available		Yes		
University Entrance approved course		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91466	Investigate a nutritional issue affecting the well-being of NZ	5						
91470	Evaluate conflicting nutritional information relevant to well-being in NZ society	4						
91471	Analyse the influences of food advertising on well-being	4						
91467	Implement an action plan to address a nutritional issue affecting the well-being on NZ society	5						
91468	Analyse a food related ethical dilemma for NZ (Optional)	5						



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HOSPITALITY		HOS300						
This course aims to complete a range of different theory units within the year. These units cover catering, nutrition and hygiene in a commercial environment, the origin and history of the coffee trade and the ability to identify and be able to use the correct culinary terms, when working in the front of house. These are excellent units to have if you are looking at a future in the Hospitality or Hotel Industry. This course can only be taken by students attending a Secondary Tertiary Programme as a dual enrolment. Students can expect to have two practical lessons a week. Course materials: Food \$200 Course Booklets \$100								
Entry Requirements		HOS200 is an advantage						
UE Literacy Reading credits available		0	UE Literacy Writing credits available		0			
UE Literacy Both [R&W] available		0						
Course endorsement available		No	Scholarship available		No			
University Entrance approved course		No						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
13343	Demonstrate knowledge of basic nutrition Hospitality in commercial catering	5	NZQA has yet to classify these standards under the Vocational Pathways.					
168	Demonstrate knowledge of food contamination hazards, and control methods used in a food business	4						
17284	Demonstrate knowledge of coffee origin and production	3						

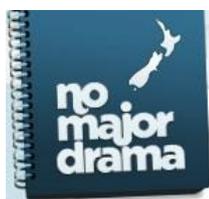
JAPANESE		JPN301						
This Level 3 course builds on Level 2 Japanese and develops language to Intermediate Level.								
Entry Requirements		Level 2 Japanese						
UE Literacy Reading credits available		0	UE Literacy Writing credits available		0			
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes	Scholarship available		Yes			
University Entrance approved course		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91553	Understand spoken Japanese (listening)	5						
91555	Interact using spoken Japanese (portfolio)	6						
91557	Write in Japanese (portfolio)	5						
91554	Give a spoken presentation in Japanese	3	NZQA has yet to classify these standards under the Vocational Pathways.					
91556	Understand written Japanese (reading)	5						

University Websites:

www.victoria.ac.nz
www.massey.ac.nz
www.waikato.ac.nz
www.otago.ac.nz
www.auckland.ac.nz
www.lincoln.ac.nz
www.canterbury.ac.nz
www.aut.ac.nz

MAORI PERFORMING ARTS		MPA300				
The outcomes in Level 3 Maori Performing Arts are, to present an oral, visual or written explanation on the history and tikanga on hand games, stick games or string games. To be able to research and present either an oral, visual, or written description/explanation of the tikanga and pūtake for a mōteatea, waiata, poi, haka and haka wāhine. And to demonstrate a comprehensive knowledge of mōteatea, waiata, poi, haka and haka wāhine with artistic expression. The standards in MPA300 are both Level 3 and 4.						
Entry Requirements		18 credits or more from Level MPA200, or at the discretion of TIC of Te Reo Māori and Māori Performing Arts				
UE Literacy Reading credits available		0	UE Literacy Writing credits available		0	
UE Literacy Both (R&W) credits available		0				
Course endorsement available		No	Scholarship available		No	
University Entrance approved course		No				
Standards		Credits	Vocational Pathways			
			C&I	CI	M&T	PI
13360	Demonstrate the knowledge and skills of mōteatea	15	NZQA has yet to classify these standards under the Vocational Pathways.			
13364	Demonstrate the knowledge and skills waiata-ā-ringā	15				

MATHEMATICS with CALCULUS		MAC301					
The major emphasis of this course is to extend students skills in the applications of Calculus: optimal solutions, rates of change and area under curves. This course leads onto pure Mathematics courses at university and higher level study in fields such as Engineering, Economics and Physics. Note: A Casio Graphics Calculator is required for this course (approximately \$100)							
Entry Requirements		At least 14 Level 2 credits including AS 91261 and AS 91262 (MAT 201 externals)					
UE Literacy Reading credits available		0	UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0					
Course endorsement available		Yes	Scholarship available		Yes		
University Entrance approved course		Yes					
Standards		Credits	Vocational Pathways				
			C&I	CI	M&T	PI	S&C
91574	Apply linear programming methods in solving problems	3					
91575	Apply trigonometric methods in solving problems	4					
91578	Apply differentiation methods in solving problems	6					
91579	Apply integration methods in solving problems	6					
91587	Apply systems of simultaneous equations in solving problems	3					



www.nomajordrama.co.nz

MATHEMATICS with STATISTICS		MAS301						
Students will gain a detailed understanding of the reliability and useful limits of statistics and probability in this course. They will investigate patterns and relationships in real life data sets. This course will provide support for any student intending to study a subject that requires Statistical Skills, such as Health Sciences, Social Sciences and many other tertiary courses. Note: A Casio Graphics Calculator is required for this course (approx. \$100).								
Entry Requirements		At least 10 credits in MAS201 or MAT201						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes		Scholarship available		Yes		
University Entrance approved course		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91580	Investigate time series data	4						
91581	Investigate bivariate measurement data	4						
91582	Use statistical methods to make a formal inference	4						
91585	Apply probability concepts in solving problems	4						
91586	Apply probability distributions in solving problems	4						
91587	Apply systems of a simultaneous equations in solving problems	3						

MECHANICAL ENGINEERING TECHNOLOGY		MEC300						
Students are required to work with independence while building a project of their choosing. This could be anything from a coffee table to a go-kart. Students are advised to not be over ambitious with their plans. They will study CAD 3D modelling and drawing, as well as a study on engineering materials. Course materials: \$150 or depending on project chosen, negotiated with Teacher								
Entry Requirements		12 credits in MEC200 or BUI200 or at the discretion of the TIC						
UE Literacy Reading credits available		0		UE Literacy Writing credits available				
UE Literacy Both [R&W] available		0						
Course endorsement not available		No		Scholarship available		No		
University Entrance approve course		No						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
2436	Create three dimensional engineering models under supervision	5						
2433	Produce simple engineering component drawings using CAD software (Level 2)	6						
20799	Demonstrate knowledge of common engineering metals	5						
21910	Interpret mechanical engineering drawings	5	NZQA has yet to classify this standard under the Vocational Pathways.					

All course details are correct at the time of printing. Some details may change following end of year programme reviews. Any amendments will be advised to students in course outlines at the start of 2020.

MEDIA STUDIES		MED301						
This is an academic course that is suitable for those students wishing to undertake full academic study at a tertiary level or enter the media industry on leaving school. Media studies is about the active exploration, analysis, creation, and enjoyment of the media and its products. Media studies examines the dynamic role of the media in society, how the media constructs messages about individuals, communities, and cultures and how media products are produced, controlled, and distributed. Through media studies students gain the knowledge and skills to conceive, plan, design and make media products that engage audiences.								
Entry Requirements		Either: 10 Achievement Standard Credits in Level 2 English or Media Studies						
UE Literacy Reading credits available	0	UE Literacy Writing credits available	3					
UE Literacy Both (R&W) available	4							
Course endorsement available	Yes	Scholarship available	Yes					
University Entrance approved course	Yes							
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91490 UE Both	Demonstrate understanding of an aspect of a media industry	4	NZQA has yet to classify these standards under the Vocational Pathways.					
91492	Demonstrate understanding of the media representation of an aspect of New Zealand culture or society	3						
91494	Produce a design for a media product that meets the requirements of a brief	4						
91495	Produce a media product to meet the requirements of a brief	6						
91255 UE Writing	Write a media text to meet the requirements of a brief	3						

MUSIC		MUS301						
This course requires advanced performance skill to be developed and demonstrated through the performance of programmes of music to an audience, which is internally assessed. Students will select their individual plan of standards to enter into, in accordance with their own strengths and in consultation with the music teacher.								
Entry Requirements		MUS201 or relevant proven performance capability						
UE Literacy Reading credits available	6	UE Literacy Writing credits available	0					
UE Literacy Both [R&W] available	0							
Course endorsement available	Yes	Scholarship available	Yes					
University Entrance approved course	Yes							
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91416	Perform two programmes of music as a featured soloist	8						
91417	Perform a programme of music as a featured soloist on a second instrument	4						
91418	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	4						
91419	Communicate musical intention by composing three original pieces of music	8						
91421	Demonstrate understanding of harmonic & tonal conventions in a range of music scores	4						
91425	Research a music topic	6						

C&I	CI	M&T	PI	S&C	SI
Construction and Infrastructure	Creative Industries	Manufacturing and Technology	Primary Industries	Social and Community	Service Industries

PERSONAL FINANCE AND CAPABILITY PFC300			
Students will learn about personal finances and capabilities in this course. The topics studied will interest those wanting to manage financial decisions in the short term and long term. Students will learn to set personal financial goals, manage budgets, increase their personal income, choose investment opportunities and select options for purchasing property.			
Entry Requirements		Level 2 or HELA approval	
UE Literacy Reading credits available		0	UE Literacy Writing credits available 0
UE Literacy Both [R&W] available		0	
Course endorsement available		No	
University Entrance approved course		No	
Standards		Credits	Vocational Pathways
			C&I CI M&T PI S&C SI
28089	Demonstrate understanding of personal financial goal setting	3	NZQA has yet to classify these standards under the Vocational Pathways.
28099	Analyse credit options and select strategies to manage personal finances	3	
28100	Develop a plan to achieve a long-term personal financial goal(s)	4	
28102	Demonstrate understanding of risk and return on investment for a personal financial investment portfolio	4	
28103	Analyse and select personal financing options for purchasing a property	4	

PHYSICAL EDUCATION PED301			
Students will participate in a variety of physical activities and evaluate their experiences to devise strategies for lifelong well-being; examine contemporary leadership theories and demonstrate leadership within local primary schools through a Futsal or Ripper coaching programme. Students will investigate a physical activity, trend or event and the impact on NZ society. Students will learn about safety management in the outdoors that will involve a camp, cost and location to be confirmed.			
Entry Requirements		14 credits from PED201 or HELA approval.	
UE Literacy Reading credits available		8	UE Literacy Writing credits available 0
UE Literacy Both [R&W] available		0	
Course endorsement available		Yes	Scholarship available Yes
University Entrance approved course		Yes	
Standards		Credits	Vocational Pathways
			C&I CI M&T PI S&C SI
91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	4	
91501	Demonstrate quality performance of a physical activity in an applied setting	4	
91502	Examine a current physical activity event, trend, or issue and its impact on New Zealand society	4	
91504	Analyse issues in safety management for outdoor activity to devise safety management strategies	3	
91505	Examine contemporary leadership principles applied in physical activity contexts	4	

Some courses will be finalised after discussion between teachers and students. These courses will be confirmed from the standards listed in the course booklet early Term 1 and will have between 18 and 22 credits.

PHYSICS		PHY301						
Content/Skills:								
<ul style="list-style-type: none"> Waves: Diffraction, interference, travelling and standing waves, beats, speed of waves, Doppler effect Mechanics: Translational Motion, circular and Rotational Motion, Simple Harmonic Motion Modern Physics: Bohr model for the hydrogen atom, photoelectric effect, wave/particle duality of light, nuclear reactions, mass/energy conservation Electrical Systems: DC Circuits and Capacitance, Electromagnetic Induction and AC Circuits 								
Course materials: \$25								
Entry Requirements		12 credits in PHY201 or with TiC approval						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		0						
Course endorsement available		Yes		Scholarship course available		Yes		
University Entrance approved		Yes						
Standards		Credits	Vocational Pathways					
Courses will be selected from:			C&I	CI	M&T	PI	S&C	SI
91521	Physics 3.1 - Carry out a practical investigation to test physics theory relating two variables in a non-linear relationship	4						
91525	Physics 3.5 - Demonstrate understanding of modern physics	3						
91523	Physics 3.3 - Demonstrate understanding of wave systems	4						
91524	Physics 3.4 - Demonstrate understanding of mechanical systems	6						
91526	Physics 3.6 - Demonstrate understanding of electrical systems	6						
91522	Physics 3.2 - Demonstrate understanding of the application of physics to a selected context							

SPORT STUDIES		SPO310						
This course would suit Level 2 and 3 students who would enjoy a more practical course. It has a strong focus on sports coaching and officiating and students will work closely with junior students. They will be expected to demonstrate leadership, interpersonal and self-management skills. They will also be assessed against the Level 3 practical performance standard, as well as a range of Unit Standards.								
Entry Requirements		PED101 or HELA approval.						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		0						
Course endorsement available		No		Scholarship available		No		
University Entrance approved course		No						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91501	Demonstrate quality performance of a physical activity in an applied setting	4						
22771	Plan a beginner level coaching session for sports participants	4	NZQA has yet to classify these standards under the Vocational Pathways.					
22768	Conduct and review a beginner level coaching session	6						
26223	Apply fundamental sports rules and regulations while officiating in a competitive sports event	6						
20673	Demonstrate knowledge of injury prevention and risk and injury management in sport or recreation	4						

TE REO MAORI		MAO301						
Students need to complete a variety of different tasks for the same standard. They select their best work to be assessed and credits are gained according to the criteria. An example is Kōrero which has 6 credits available. Students may be offered five different opportunities to demonstrate their skills, rather than one speech. Students are not required to complete all the credits on offer and may progress to Level 3 despite some areas being a challenge. This is at the discretion of the TIC and in consultation with the student involved.								
Entry Requirements		18 credits or more from Level MAO101, or at the discretion of the TIC of Te Reo Māori						
UE Literacy Reading credits available		6		UE Literacy Writing credits available		12		
UE Literacy Both (R&W) available		0						
Course endorsement available		Yes		Scholarship available		No		
University Entrance approved course		Yes						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91650	Whakarongo kia mōhio ki te reo Māori o te ao whānui Listening - Whakarongo	4						
91651	Korero kia whakamahi i te reo Māori o te ao whānui Speaking - Kōrero	6						
91653	Tuhituhi i te reo Māori o te ao whānui Written - Tuhituhi	6						
91654	Waihanga tuhinga i te reo Māori o te ao whānui Creative writing - Waihanga tuhinga	6						

TOURISM		TOU300						
Students that studied Tourism in Year 12 will be working towards completing the New Zealand Certificate in Tourism. This is a two year programme comprising of compulsory and elective Unit Standards. Students that are new to Tourism in Year 13 are completing Level 3 Unit Standards to assist them to attain NCEA Level 3 only.								
Entry Requirements		Available to all Year 13 students						
UE Literacy Reading credits available		0		UE Literacy Writing credits available		0		
UE Literacy Both [R&W] available		0						
Course endorsement available		No		Scholarship available		No		
University Entrance approved subject		No						
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
3727	Demonstrate knowledge of Pacific Island countries as tourist destinations	5	NZQA has yet to classify these standards under the Vocational Pathways.					
18211	Demonstrate Australia as a tourist destinations	8						
18212	Demonstrate knowledge of New Zealand as tourist destination	8						
24725	Describe and analyse the economic significance of tourism	4						

TRADES ACADEMY – SECONDARY TERTIARY PROGRAMMES (STP300)

Trades Academy courses at Level 3 aim to engage young people in education and equip them with the vocational skills and training they need to enter further training and employment. Secondary-Tertiary Programmes are aligned with the Vocational Pathways and deliver trades, technology and industry-aligned programmes to students in years 12 - 13 who are able to enrol under a dual enrolment between the secondary school and tertiary provider. Students that enter a dual enrolment will split their week between the college and the tertiary provider and are therefore best suited to students who are self-managing and are able, with support, to catch up with work missed while attending the Trades Academy one to two days each week. **Level 3 Trades Academy courses are offered free of charge, however no transport support is provided.** The following options may be available through the Secondary Tertiary Programmes in 2019, there are limited places on offer in each course and acceptance is subject to the availability of the course and the support of the college.

For more details on Secondary Tertiary Programmes see the Careers Office. Applications for these courses should be in by the beginning of November.

Entry Requirements	By special application and interview.					Vocational Pathways					
Standards	Level	Credits	Days per week	C&I	CI	M&T	PI	S&C	SI		
Engineering Design L3	3	19	1								
Outdoor Education and Sustainability Level 3	3	22	1								
NZ Certificate in Retail L3	3	60	2								
Hospitality Career Pathways L3	3	30	1								
NZ Certificate in Cookery L3	3	61	2								
NTA course NZ Certificate in Primary Industry L3 – Pastoral Livestock	3	43	2								
NTA course NZ Certificate in Agriculture – Vehicles and Machinery	2/3	45	2								
NTA course NZ Certificate in Animal Care L3	3	37	2								
NTA course NZ Certificate in Landscaping	3	42	2								
NTA course NZ Certificate Equine	3	52	2								



For more on the Vocational Pathways visit www.youthguarantee.net.nz/vocationalpathways/

Visit www.careers.govt.nz for more information on possible careers.



www.studylink.govt.nz



VISUAL ARTS – PAINTING		PTG301						
<p>This course offers further specialisation and in-depth study of Painting. Students are expected to develop an understanding of established methods and concepts to communicate their ideas through painting using both digital (photography and digital images) and traditional drawing as a medium. Students will extend their creative thinking, aesthetic development and technological understanding of painting to communicate visual responses to their individual briefs.</p> <p>This course is comprised of two Internal Achievement Standards collectively worth 8 credits and one External Achievement Standard worth 14 credits that is submitted as a three panel folio.</p> <p>Scholarship entry is available. Field trips: Up to two days for gallery / exhibition visits</p> <p>Course Costs: \$50 for all basic supplies and folio materials used at school. Creative Cloud Membership is recommended for all Level 2 and 3 students. The cost of full access to the Adobe Creative Cloud for one year, is \$8.00 per student, which is loaded onto the students' personal laptop.</p> <p>Extra Costs: \$15-\$20 approximately for trips. \$40+ for specialist supplies such as students own brushes, pencils, fine tip pens, blue tack, USB drive for digital submissions, double sided tape and printing credit for final folio.</p>								
Entry Requirements		A Level 2 Art subject is essential to enrol in this course. Entry without is at the discretion of the HELA and will require evidence of skill.						
UE Literacy Reading credits available		0	UE Literacy Writing credits available					
UE Literacy Both [R&W] available		0	0					
Course endorsement available		Yes	Scholarship available					
University Entrance approved course		Yes	Yes					
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91446	Use drawing to demonstrate understanding of conventions appropriate to painting	4						
91451	Systematically clarify ideas using drawing informed by established painting practice	4						
91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	14						

For further information on NCEA, download the NCEA App.



The Occupation Outlook 2015 App is designed to help students make well-informed career choices. It provides vital information on 50 key occupations in New Zealand. Each occupation has three dials to indicate its relative income, course cost and job prospect as well as information on how to enter each career.



VISUAL ARTS – PHOTOGRAPHY		PHO301						
<p>This course offers further specialisation and in-depth study of Photography. Students are expected to develop an understanding of established methods and concepts to communicate their photographic ideas using both digital and traditional (wet darkroom) drawing as a medium. Students will extend their creative thinking, aesthetic development and technological understanding of photography to communicate visual responses to their individual briefs.</p> <p>This course is comprised of two Internal Achievement Standards collectively worth 8 credits and one External Achievement Standard worth 14 credits that is submitted as a three panel folio.</p> <p>Scholarship entry is available. Field trips: Up to two days for gallery / exhibition visits</p> <p>Course Costs: \$60 for all basic supplies and folio materials used at school. Creative Cloud Membership is recommended for all Level 2 and 3 students. The cost of full access to the Adobe Creative Cloud for one year, is \$8.00 per student, which is loaded onto the students' personal laptop.</p> <p>Extra Costs: \$15-\$20 approximately for trips. \$40+ for specialist supplies such as film, photography paper, fine tip pens, blue tack, USB drive for digital submissions, double sided tape and printing credit for final folio.</p> <p>Students are to supply their own 8GB SD card and must back up their work.</p>								
Entry Requirements		A Level 2 Art subject is essential to enrol in this course. Entry without is at the discretion of the HELA and will require evidence of skill.						
UE Literacy Reading credits available		0	UE Literacy Writing credits available					
UE Literacy Both [R&W] available		0	0					
Course endorsement available		Yes	Scholarship available					
University Entrance approved course		Yes	Yes					
Standards		Credits	Vocational Pathways					
			C&I	CI	M&T	PI	S&C	SI
91447	Use drawing to demonstrate understanding of conventions appropriate to photography	4						
91452	Systematically clarify ideas using drawing informed by established photography practice	4						
91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice	14						

South Island Tertiary Institution Websites:

www.academy.ac.nz

www.otago.ac.nz

www.lincoln.ac.nz

www.nzschoolorftourism.co.nz

www.nztertiarycollege.ac.nz

www.aviationinstitute.co.nz

www.computerpowerplus.ac.nz

www.airways.co.nz

www.dac.ac.nz

www.canterbury.ac.nz

www.sit.ac.nz

www.visioncollege.ac.nz

www.nmit.ac.nz

www.ara.ac.nz

www.nzis.ac.nz

www.nta.co.nz

www.tpp.ac.nz

www.op.ac.nz

www.nzis.co.nz

All course details are correct at the time of printing. Some details may change following end of year programme reviews. Any amendments will be advised to students in course outlines at the start of 2020.

ESSENTIAL LEARNING AREAS CONTACT INFORMATION (HELA's and TIC's)

If you need more information you can email staff members below at the following email addresses:

Arts	Alison Wakelin	wakelina@ellesmere.school.nz
Business Studies	Selina Sim	sims@ellesmere.school.nz
English	Sarah Anderson	andersons@ellesmere.school.nz
Food Studies	Tessa Collins	collinst@ellesmere.school.nz
Health and Physical Education	Sam Forward	forwards@ellesmere.school.nz
Digital Technologies	Dean Mower	mowerd@ellesmere.school.nz
Languages	Janet Sirisomphone	sirisomj@ellesmere.school.nz
Literacy and Numeracy Support	Steven Henderson	hendersons@ellesmere.school.nz
Materials Technology	Patrick Neal	nealp@ellesmere.school.nz
Mathematics and Statistics	Karla Morton	mortonk@ellesmere.school.nz
Science	Craig Anderson	andersonc@ellesmere.school.nz
Social Sciences	Steven Packer	packers@ellesmere.school.nz
Te Reo Maori	Josh Thompson	thompsonj@ellesmere.school.nz
Vocational Pathways	Dean Mower	mowerd@ellesmere.school.nz