

COURSE BOOKLET

YEAR 12

2019

Taupo-nui-a-Tia College Course Planning Timeline for Course Selection

Term III

- Week 4**
- Course booklets given out to Years 10, 11, 12
 - Read the booklet
 - Complete the **Course Planning Sheet**.

Week 6-8 Students can complete course selection online.

Week 8 **Course Information Day (during Whanau Day)**
Wednesday 12 September, Library
9.00am to 6:00pm
Parents and students are welcome to come and discuss course choices.

Weeks 8 + 9 **Course Interview**
Students bring the **Course Planning Sheet** to the interview.

Term IV

Course selection letter sent home to confirm choices early in Term IV.

**Unit Standards and/or Achievement Standards may change.
At times other courses may become available for the following year.**

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LITERACY REQUIREMENTS FOR UNIVERSITY ENTRANCE

Levels 2 and 3 Achievement Standards that Contribute

10 credits from the standards (5 credits in reading and 5 credits in writing) are required to meet the University Entrance literacy requirements.

Reading and Writing Column

Y = Yes meets UE requirement. N = No does not meet UE requirement.

For standards that meet both reading and writing requirements it is possible to split the standard to fulfil the university entrance literacy requirement. For example, English (91472) can contribute 2 credits to the reading requirement and 2 credits to the writing requirement.

REQUIREMENTS FOR UNIVERSITY ENTRANCE

University Entrance (UE) is the minimum requirement to go to a New Zealand university. To qualify you will need:

- NCEA Level 3.
- Three subjects at Level 3, made up of 14 credits each, in three [approved subjects](#).
- Literacy: [10 credits at](#) Level 2 or above, made up of:
 - 5 credits in reading
 - 5 credits in writing.
- Numeracy: 10 credits at Level 1 or above, made up of:
 - Achievement Standards; specified achievement standards available through a range of subjects, or
 - Unit Standards; package of three numeracy unit standards (26623, 26626, 26627, **all** three required).
- Once you have met the requirements for University Entrance it will appear on your Record of Achievement.
- Credits can be accumulated over more than one year.

Approved Subjects for University Entrance

- Subjects available at Taupo-nui-a-Tia College are listed in the course booklet. Applicants to New Zealand universities require credits in approved subjects.
- In the Year 12 and 13 Course Booklets, Y= Yes, these standards qualify for UE.

NB: Some subjects do not have enough credits needed to qualify for UE 14 approved credits, eg. 13ODL.

These credits can be combined with other credits in the domain Physical Education. Check the NZQA website for further information.

<http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/approved-subjects/>

10 Credits at Level 1 (or higher) in Mathematics (approved standards only)	+	5 reading Credits and 5 writing Credits at Level 2 (or higher) in specified standards	+	14 Credits at Level 3 (or higher) in an approved subject	+	14 Credits at Level 3 (or higher) in an approved subject	+	14 Credits at Level 3 (or higher) in an approved subject	+	Attain NCEA Level 3	= UNIVERSITY ENTRANCE
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REQUIREMENTS FOR UNIVERSITY ENTRANCE

Level 3 Approved Subjects for University Entrance

Subjects available at Taupo nui-a-Tia College are listed in the **Subject Progression** sheet in the course booklet. Please check that the subjects you take in Year 11 lead to Level 3 approved subjects if you wish to go to university. Applicants to New Zealand universities require credits in approved subjects.

Approved Subject	Achievement Standards	Approved Subject	Achievement Standards
Accounting	91404, 91405, 91406, 91407, 91408, 91409.	History	91434, 91435, 91436, 91437, 91438, 91439.
Agriculture & Horticulture	91528, 91529, 91530, 91531, 91532.	History of Art	91482, 91483, 91484, 91485, 91486, 91487, 91488, 91489.
Biology	91601, 91602, 91603, 91604, 91605, 91606, 91607.	Home Economics	91466, 91467, 91468, 91469, 91470, 91471.
Business Studies	91379, 91380, 91381, 91382, 91383, 91384, 91385.	Indonesian	91645, 91646, 91647, 91648, 91649.
Calculus	91573, 91574, 91575, 91576, 91577, 91578, 91579, 91587.	Japanese	91553, 91554, 91555, 91556, 91557.
Chemistry	91387, 91388, 91389, 91390, 91391, 91392, 91393.	Korean	91558, 91559, 91560, 91561, 91562.
Chinese	91533, 91534, 91535, 91536, 91537.	Latin	91506, 91507, 91508, 91509, 91510, 91511.
Classical Studies	91394, 91395, 91396, 91397, 91398.	Mathematics	91573, 91574, 91575, 91576, 91577, 91578, 91579, 91587 and 91580, 91581, 91582, 91583, 91584, 91585, 91586.
Construction and Mechanical Technologies	91620, 91621, 91622, 91623, 91624, 91625, 91626 and 91627, 91628, 91629, 91630, 91631 and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 and 91643, 91644 and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619.	Media Studies	91490, 91491, 91492, 91493, 91494, 91495, 91496, 91497.
Cook Islands Maori Dance	91538, 91539, 91540, 91541, 91542. 91588, 91589, 91590, 91591, 91592, 91593, 91594, 91595.	Music Studies	91416, 91417, 91418, 91419, 91420, 91421, 91422, 91423, 91424, 91425.
Design (Practical Art)	91440, 91445, 91450, 91455 and 91460.	Painting (Practical Art)	91441, 91446, 91451, 91456 and 91460.
Design and Visual Communication	91627, 91628, 91629, 91630, 91631 and 91620, 91621, 91622, 91623, 91624, 91625, 91626 and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 and 91643, 91644 and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619.	Photography (Practical Art)	91442, 91447, 91452, 91457 and 91460.
Digital Technologies	91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 and 91627, 91628, 91629, 91630, 91631 and 91620, 91621, 91622, 91623, 91624, 91625, 91626 and 91643, 91644 and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619.	Physical Education	91498, 91499, 91500, 91501, 91502, 91503, 91504, 91505, 91789.
Drama	91512, 91513, 91514, 91515, 91516, 91517, 91518, 91519, 91520.	Physics	91521, 91522, 91523, 91524, 91525, 91526, 91527.
Earth and Space Science	91410, 91411, 91412, 91413, 91414, 91415.	Printmaking (Practical Art)	91443, 91448, 91453, 91458 and 91460.
Economics	91399, 91400, 91401, 91402, 91403.	Processing Technologies	91643, 91644 and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 and 91627, 91628, 91629, 91630, 91631 and 91620, 91621, 91622, 91623, 91624, 91625, 91626 and 91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619.
Education for Sustainability	90828, 90831, 90832, 91735, 91736.	Religious Studies	90825, 90826, 90827, 91725.
English	91472, 91473, 91474, 91475, 91476, 91477, 91478, 91479, 91480.	Samoan	91563, 91564, 91565, 91566, 91567.
French	91543, 91544, 91545, 91546, 91547.	Science	91601, 91602, 91603, 91604, 91605, 91606, 91607 and 91387, 91388, 91389, 91390, 91391, 91392, 91393 and 91410, 91411, 91412, 91413, 91414, 91415 and 91521, 91522, 91523, 91524, 91525, 91526, 91527.
Geography	91426, 91427, 91428, 91429, 91430, 91431, 91432, 91433.	Sculpture (Practical Art)	91444, 91449, 91454, 91459 and 91460.
German	91548, 91549, 91550, 91551, 91552.	Spanish	91568, 91569, 91570, 91571, 91572.
Health Education	91461, 91462, 91463, 91464, 91465.	Social Studies	91596, 91597, 91598, 91599, 91600.
		Statistics	91580, 91581, 91582, 91583, 91584, 91585, 91586.
		Technology	91608, 91609, 91610, 91611, 91612, 91613, 91614, 91615, 91616, 91617, 91618, 91619 and 91643, 91644 and 91632, 91633, 91634, 91635, 91636, 91637, 91638, 91639, 91640, 91641, 91642 and 91627, 91628, 91629, 91630, 91631 and 91620, 91621, 91622, 91623, 91624, 91625, 91626.
		Te Reo Māori	91650, 91651, 91652, 91653, 91654.
		Te Reo Rangatira	90536, 90785, 90786, 90787, 90788, 90789, 90790, 90791.
		Tongan	91679, 91680, 91681, 91682, 91683.

2019 Course Selection Online (Y11-13)

This year you are able to make your course selection online, at home or at school. You will still have a course selection interview with a senior member of staff as well to confirm your course.

Instructions:

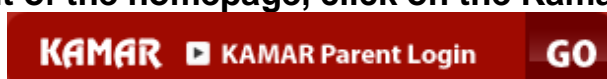
Before you begin this process, make sure you have chosen ALL your preferred subjects for next year. Year 11 and 12 have six subjects, Year 13 have five subjects.



Go to the college website www.taupocollege.ac.nz



At the bottom right of the homepage, click on the Kamar Portal Login Tab.



Use your college network login username and password.



From the left hand side of the screen select Course Selection.



Use the scroll down tabs to make your selections. Ensure you make a selection in every box. There are some compulsory subjects such as English at Year 11 and Year 12. You must choose the appropriate level class for each subject, eg. 11EN1 or 11EN2. You will find the compulsory subjects in the first boxes.



For non-compulsory subjects, choose your subjects in order of priority, with most preferred subject first.



Make sure you select the correct year for the course that you choose, eg. 12MA1 or 11MA1.



Save your selections.

NB: You will not be able to save unless you have made a selection in every box.

This facility will only be available from **3:30pm, Friday 31 August** through to **12 Noon on Thursday 13 September**.

You can return to change your selections up until Thursday 13 September.

What are the Vocational Pathways?



The Vocational Pathways provide new ways to achieve NCEA Levels 1, 2 and 3 and develop pathways that progress to further study, training and employment. Achieving NCEA Level 2 is the foundation for success in further education and the world of work. Level 3 builds upon this through shared opportunities across school, tertiary, and industry training. The Vocational Pathways provide a framework for students to show how their learning and achievement is valued in the workplace by aligning learning to the skills needed for industry.

The six Vocational Pathways are:

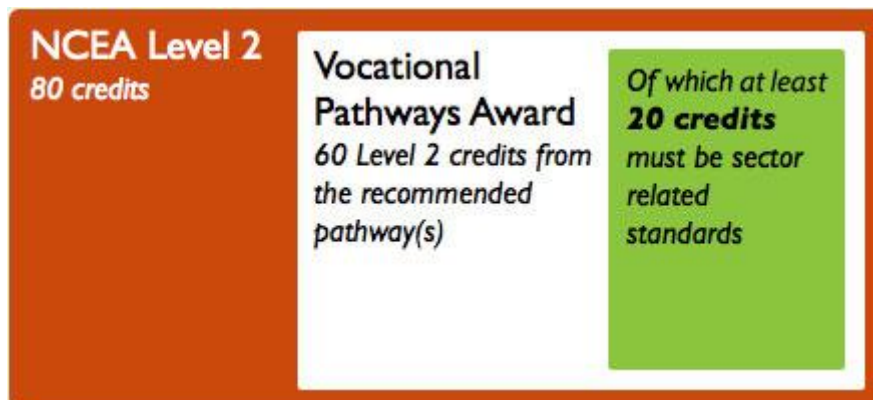
- Primary Industries
- Services Industries
- Social & Community Services
- Manufacturing & Technology
- Construction & Infrastructure
- Creative Industries

Level 2 Vocational Pathways Award

The award enables employers to assess more easily whether potential employees' 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 credits must satisfy the literacy requirements, and 10 of these credits must satisfy the numeracy requirements. For more information about NCEA go to the [NZQA website](http://www.nzqa.govt.nz). To get a Vocational Pathways Award, a minimum of 20 Level 2 credits must be from sector-related standards, with the remaining from recommended standards to make up 60 pathway credits in total.

The following diagram shows this relationship:



Level 3 Vocational Pathways

Level 3 Achievement Standards and current Levels 3–7 local, national, and New Zealand qualifications have been mapped to Vocational Pathways to provide students with an ongoing pathway. [The maps](#) help students intending to study towards NCEA Level 3 and other Level 3 qualifications to make informed choices about their study options in relation to the type of degree-level study they wish to pursue.

ENGLISH & LANGUAGES FACULTY

ENGLISH (01) – Level 2

CODE: EN1

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

For Year 12 students who have achieved at least 14 English credits at Level 1 with Merit or Excellence Endorsement.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 4 hours

COURSE DESCRIPTION

This course is intended for able students in English who wish to continue their studies in English at Level 2 and Level 3. This is suitable for students who need English as a university course requirement and will fulfil the literacy requirements for Level 2 (5 reading and 5 writing credits).

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91098	3	Analyse specified aspects of written texts	2	4	Y	Y	Ext	R		R	R	R	
91099	3	Analyse specified aspects of visual or oral texts	2	4	N	Y	Ext	R		R	R	R	
91100	2	Analyse unfamiliar written texts through close reading	2	4	Y	Y	Ext	R		R	R	R	
91101	2	Produce crafted and controlled writing	2	6	N	Y	Int	R		R	R	R	SR
91103	2	Create a crafted and controlled visual text	2	3	N	N	Int			R	R	R	SR
91105	2	Use information literacy skills to form developed conclusion(s)	2	4	Y	N	Int	R		R	R	R	
91106	2	Form developed personal responses to independently read texts, supported by evidence	2	4	Y	N	Int	R		R	R	R	

Assessment: 3 x internal achievement standards, 3 x external achievement standards, total 25 credits. Term III school examinations.

Course leads to: NCEA Level 3 English – 13EN1 or 13EN2.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

ENGLISH (02) – Level 2

CODE: EN2

NZQA qualifications: NCEA Level 2 Achievement Standards Level 2.

Prerequisites:

For Year 12 students who have achieved at least 14 English credits at Level 1 (includes 1 externally assessed standard).

Course length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 4 hours

Special conditions:

This course is designed for students fulfilling the literacy requirements for the purpose of entrance to University.

COURSE DESCRIPTION

This course is intended for students who may have a focus towards mathematics, science or other subjects, but are required to fulfil the literacy criteria of 5 reading and 5 writing credits for entry to university.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91098	3	Analyse specified aspects of written texts	2	4	Y	Y	Ext	R		R	R	R	
91099	3	Analyse specified aspects of visual or oral texts	2	4	N	Y	Ext	R		R	R	R	
91100	2	Analyse unfamiliar written texts through close reading	2	4	Y	Y	Ext	R		R	R	R	
91101	2	Produce crafted and controlled writing	2	6	N	Y	Int	R		R	R	R	SR
91103	2	Create a crafted and controlled visual text	2	3	N	N	Int			R	R	R	SR
91105	2	Use information literacy skills to form developed conclusion(s)	2	4	Y	N	Int	R		R	R	R	
91106	2	Form developed personal responses to independently read texts, supported by evidence	2	4	Y	N	Int	R		R	R	R	
91104	2	Analyse significant connections across texts, supported by evidence	2	4	N	N	Int			R	R	R	R
91107	2	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	2	3	N	N	Int						R

Assessment: 3 x internal achievement standards, 3 x external achievement standards, total 21 credits. Term III school examinations.

Course leads to: NCEA Level 3 English - 13EN2.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

ENGLISH (03) – Level 2 **ENGLISH FOR THE WORKPLACE**

CODE: EN3

NZQA qualifications: NCEA Level 2 Unit Standards Level 2.

Prerequisites:

For Year 12 students who have Level 1 Literacy (including at least 7 credits in English) or in consultation with the Head of Faculty, English.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 4 hours

Special conditions:

This course is designed for students to further develop reading, writing and communication skills.

COURSE DESCRIPTION

This is a course that provides an opportunity for students to further develop their reading, writing and communication skills that will be required in the workplace.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
3488	6	Write business correspondence	2	3	N	N	Int					R	SR
25073	3	Read texts for different points of view	2	3	N	N	Int			R			R
12383	6	Explore career options relevant to an area of learning and explore their implications to oneself	2	3	N	N	Int			R			R
10781	5	Produce a plan for own future directions	2	3	N	N	Int			R			R
7121	5	Demonstrate information search, access, and selection skills	2	2	N	N	Int			R			R
1294	7	Be interviewed in a formal situation	2	2	N	N	Int			R		R	R
12349	5	Demonstrate knowledge of time management	2	3	N	N	Int	R	R	R		R	R

Assessment: 7 x internal unit standards, total 21 credits.
Term III school examinations.

Course leads to: Note – this course does not lead onto Level 3.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

FRENCH – Level 2

CODE: FRE

NZQA Qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

NCEA Level 1, 12 credits in French.

Course Length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 6 hours

COURSE DESCRIPTION

In accordance with the National French Curriculum the content for the senior school (Years 12) is based on a thematic approach. Through the study of a number of themes the students will be encouraged to extend and develop their ability to communicate in the four language skills. The vocabulary and structures are those of level 7 of the curriculum. It is recommended students pay an access fee of approximately \$20 to enable them to log on to the Education Perfect website.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91118	1	Demonstrate understanding of a variety of spoken French texts on familiar matters	2	5	N	N	Ext				R		
91120	1	Give a spoken presentation in French that communicates information, ideas and opinions	2	4	N	N	Int						
91119	1	Interact using spoken French to share and justify information, ideas and opinions in different situations	2	5	N	N	Int				SR	R	R
91121	1	Demonstrate understanding of a variety of written/visual French texts on familiar matters	2	5	N	N	Ext				SR		
91122	1	Write a variety of text types in French for genuine contexts	2	5	N	N	Int						

Assessment: 3 x Internal Achievement Standards, 2 x External Achievement Standards, total 24 credits. Term III School Exams.

Course Leads to: NCEA Level 3 French.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

JAPANESE – Level 2

CODE: JAP

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

Year 11 Japanese with at least 9 Credits in NCEA Level 1.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 8 hours

Special conditions:

It is recommended that students purchase NCEA Japanese Level 2 student handbook at approximately \$20. It is recommended students pay an access fee of approximately \$20 to enable them to log on to the Education Perfect website.

Field Trips:

Possibly Japanese language study camp.

COURSE DESCRIPTION

Year 12 is an integrated curriculum which provides a progressive development of language skills and cultural knowledge attained in Levels 1 to 7 of the Japanese curriculum (Years 9 to 12). Students will be encouraged to consolidate, extend and become more diverse in all four language skills, as well as deepening and extending awareness of a variety of aspects of Japanese life. The vocabulary and grammar structures at this level of study will occur in extended conversations and written work based on Level 7 of the Japanese curriculum. Through the study of four topics, students will master the reading and writing of another 100 basic kanji and grammar points.

Certificates: ALC Certificate Level 2 or 3.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91133	3	Demonstrate understanding of a variety of spoken Japanese texts on familiar matters	2	5	N	N	Ext				R		
91134	6	Interact using spoken Japanese to share and justify information, ideas and opinions in different situations	2	5	N	N	Int				SR	R	R
91135	5	Give a spoken presentation in Japanese that communicates information, ideas and opinions	2	4	N	N	Int						
91136	3	Demonstrate understanding of a variety of written/visual Japanese texts on familiar matters	2	5	N	N	Ext				SR		
91137	5	Write a variety of text types in Japanese to convey information, ideas and opinions in genuine contexts	2	5	N	N	Int						

Assessment: 3 x internal achievement standards 14 credits, 2 x external achievement standards 10 credits, total 24 credits.
Term III school examinations.

Course leads to: NCEA Level 3 Japanese.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

TE REO ME NGĀ TIKANGA MĀORI – Level 2

CODE: MAO

NZQA Qualifications: NCEA Level 2 Achievement & Unit Standards.

Prerequisites:

It is preferable that students have achieved some NCEA Level 1 Te Reo Māori credits.

Course Length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 6 hours

Special Conditions:

- It is recommended students pay an access fee of approximately \$20 to enable them to log onto to the Education Perfect Website for online vocabulary.

Field Trips:

- Manu Kōrero speech competitions (regional and national).
- Curriculum topic marae stay.

COURSE DESCRIPTION

The course aims to cultivate Wairua Māori and increase student enjoyment in using te reo Māori. Students will also develop a sensitivity and respect for Te Ao Māori and Tikanga Māori. Students are expected to research and be able to express, expound and justify their thoughts on Te Ao Māori and Tikanga Māori kaupapa.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91285	3	Kōrero kia whakamahi i te reo o te ao torotoro	2	6	N	N	Int			R	SR	R	R
91286	2	Pānui kia mōhio ki te reo o te ao torotoro	2	6	Y	N	Ext			R	R		R
91284	3	Whakarongo kia mōhio ki te reo o te ao torotoro	2	4	N	N	Int			R	R	R	R
91288	3	Waihanga tuhinga i te reo o tea o torotoro	2	6	N	Y	Int			R	SR	R	R
91287	2	Tuhi i te reo o te ao torotoro	2	6	N	Y	Ext			R	R		R
12352	7	Describe aspects of one's own lineage, heritage, and cultural identity	2	3	N	N	Int						SR
16054	4	Describe the life and achievements of a Māori leader	2	3	N	N	Int						R

Assessment: 3 x Internal Achievement Standards
2 x Internal Unit Standards
2 x External Achievement Standards

Course Leads to: NCEA Level 3 Te Reo Māori, Māori Tourism, Tertiary entrance.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

TOI WHAKAARI MĀORI (PERFORMING ARTS)

– Level 2

CODE: MPA

NZQA Qualifications: NCEA Level 2 Unit Standards.

Prerequisites: None.

Course Length: Full Year Class hours per fortnight: 7.5 hours Homework hours per fortnight: 2 hours

Special Conditions:

It is recommended students pay approximately \$20 fee for one wānanga (overnight stay on school marae) per term.

Field Trips:

One cultural visit to Waiariki Polytechnic.

COURSE DESCRIPTION

The Year 12 course expands and extends the knowledge and ability of Māori performing arts and includes Mootetea, Waiata-ā-ringā, Haka and Whakaraka (hand games). Students will be required to perform in some assessments. It is strongly recommended that students are members of the college kapa haka group to enhance their performance ability and ability to pass the unit assessments.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
13359	8	Demonstrate knowledge and skills of Mootetea	2	6	N	N	Int				R		SR
13363	7	Demonstrate knowledge and skills of waiata-ā-ringā	2	6	N	N	Int				R		SR
13371	6	Demonstrate knowledge and skills of haka	2	6	N	N	Int				R		SR
15019	3	Demonstrate knowledge and skills of whakaraka.	2	3	N	N	Int				R		SR

Assessment: 5 x internal achievement standards, total 28 credits.

Course Leads to: NCEA Level 3 Māori Performing Arts.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

MATHEMATICS FACULTY

MATHEMATICS FOR ENGINEERING AND THE PHYSICAL SCIENCES – Level 2

CODE: MAE

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

Students must have a satisfactory record of learning in Year 11 and must have gained 14 Level 1 credits from achievement standards including merit grades in AS91027 and AS91028.

Course Length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 3 hours

Special Conditions:

It is recommended that students purchase a Casio FX 9750G Plus Graphics Calculator (approximately \$115), and the Nulake Level 2 Mathematics external workbook (approximately \$18).

COURSE DESCRIPTION

This course is intended for able students who wish to pursue a degree course which includes mathematics. The course covers an introduction to calculus and further algebra work, and is only accessible to those who have achieved a merit in the algebra achievement standard 91027.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91261	3	Solve algebraic problems	2	5	N	N	Ext	R		R			
91264	3	Use statistical methods to make inferences	2	4	N	N	Int			R	R	R	
91262	3	Apply calculus methods to solve problems	2	5	N	N	Ext	R		R			
91256	3	Solve co-ordinate geometry problems	2	2	N	N	Int	R			R		R
91267	3	Demonstrate understanding of probability	2	4	N	N	Ext			R	R	R	
91269	3	Apply systems of equations in solving problems	2	2	N	N	Int	R					R

Assessment: 3 x Internal Achievement Standard, 3 x External Achievement Standards. Total 22 credits. Term III School examinations.

Course Leads to: NCEA Level 3 Mathematics with Statistics, and/or NCEA Level 3 Mathematics with Calculus.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

MATHEMATICS FOR SOCIAL AND HEALTH SCIENCES – Level 2

CODE: MAS

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

At least 14 credits from Level 1 mathematics achievement standards and teacher recommendation.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 3 hours

Special conditions:

It is recommended that students purchase a Casio FX 9750G Plus Graphics Calculator for Achievement standard 91267. The purchase of homework booklets at approximately \$12 is recommended.

COURSE DESCRIPTION

This course provides a pathway towards statistics and is designed to give students a grounding in statistics, while also containing the more accessible numerical work at Level 2. It is ideal for those students studying other Level 2 courses which contain an element of mathematics and those heading for Level 3 statistics.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91267	3	Demonstrate understanding of probability	2	4	N	N	Ext			R	R	R	
91256	3	Solve coordinate geometry problems	2	2	N	N	Int	R			R		R
91259	3	Apply trigonometric relationships to solve problems	2	3	N	N	Int	R					R
91265	3	Conduct an experiment to investigate a situation using statistics	2	3	N	N	Int	R		R	R	R	R
91269	3	Apply systems of equations in solving problems	2	2	N	N	Int	R					R
91264	3	Use statistical methods to make inferences	2	4	N	N	Int			R	R	R	
91268	3	Investigate a situation involving elements of chance using a simulation	2	2	N	N	Int			R		R	

Assessment: 6 x internal achievement standards, 1 x external achievement standard. Total 20 credits. Term III school examinations.

Course leads to: NCEA Level 3 mathematics with statistics.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

MATHEMATICS FOR NUMERACY – Level 2

CODE: MAN

NZQA qualifications: NCEA Level 2 Achievement Standards and Unit Standards.

Prerequisites:

Recommendation from Year 11 mathematics teacher and/or Head of Faculty and at least 12 Level 1 credits from achievement standards. 11MA3/4 students may not be academically prepared for the material covered in this course and will need to be recommended by the TIC of this course.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** Nil

Special conditions:

It is recommended that students purchase a Casio FX 82 scientific calculator.

COURSE DESCRIPTION

This course is designed for students who wish to continue mathematics at Level 2 but no further. The topics in this course are of a more practical and applicable nature and less literacy based.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91259	3	Apply trigonometric relationships to solve problems	2	3	N	N	Int	R					R
91256	3	Solve co-ordinate geometry problems	2	2	N	N	Int	R			R		R
91258	3	Apply sequences and series in solving problems	2	2	N	N	Int	R		R		R	R
91260	3	Apply networks in solving problems	2	2	N	N	Int	R		R	R	R	R

Financial Literacy standards will be offered throughout the year.

Assessment: Internal achievement standards.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

HEALTH & PHYSICAL EDUCATION FACULTY

HEALTH – Level 2

CODE: HEA

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

At least 10 credits gained at Level 1 health or with recommendation from the Head of Faculty.

Course Length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 2 hours

COURSE DESCRIPTION

This course caters for students who have a genuine interest in caring for their wellbeing and the wellbeing of others. The programme will allow students to examine and think critically about health issues at a personal, interpersonal and societal level. Students will be able to explore stereotypes and media images relating to health issues and develop critical thinking and social action to minimise harm to self and others.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91235	2	Analyse an adolescent health issue	2	5	N	N	Ext			R	R	R	
91236	2	Evaluate factors that influence the ability to manage changes	2	5	N	N	Int			R	R	SR	
91237	2	Develop, describe, implement and evaluate a plan action of action to enhance hauora/wellbeing	2	5	N	N	Int				R	SR	
91239	2	Describe and explain issues associated with gender and sexuality	2	5	N	N	Int			R		SR	

Assessment: 3 x internal achievement standards, 1 x external achievement standards, total 20 credits. Term III school examinations.

Course leads to: NCEA Level 3 Health

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

Students can do
 PE and Health
 PE and High Performance Programme (HPP)
OR
 PE and Services Preparation.

Students cannot do
 PE and Sport & Outdoor Education
 or HPP and Services Preparation.

PHYSICAL EDUCATION – Level 2

CODE: PED

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

Be recommended by your Year 11 physical education teacher. If you have not taken this subject at Year 11, then entry at the discretion of the Head of Faculty.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 2 hours

Special conditions:

- It is recommended that students purchase the student workbook \$10.
- Extra costs include: Transport costs for activities; leadership camp (approximately \$100).

COURSE DESCRIPTION

This course is 100% internally assessed and made up of both theory and practical components. The course builds on the basic concepts covered in Level 1 such as functional anatomy, motor skills, biomechanics and principles and methods of training. It also includes mountain biking and leadership strategies developed through working with a group of students and going on camp. Students will be assessed through achievement standards.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91328	2	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	2	5	N	N	Int				SR	R	R
91329	2	Demonstrate understanding of the application of biophysical principles to training for physical activity	2	4	N	N	Int				SR		SR
91330	3	Perform a physical activity in an applied setting – mountain biking	2	4	N	N	Int				R		R
91332	2	Evaluate leadership strategies that contribute to the effective functioning of a group	2	4	N	N	Int				R	SR	R
91334	2	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	2	3	N	N	Int				R	R	R

Assessment: 5 x internal unit standards, total 20 credits.
Term III school examinations.

Course leads to: NCEA Level 3 Physical Education or Year 13 Sport and Recreation.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

Students can do
PE and Health
PE and High Performance Programme (HPP)
OR
PE and Services Preparation.

Students cannot do
PE and Sport & Outdoor Education
or HPP and Services Preparation.

SPORT AND OUTDOOR EDUCATION – YEAR 12

CODE: SOE

- NZQA qualifications:**
- Unit Standards.
 - Working towards National Award in Outdoor Recreation, completed in Year 13 SOE.

Prerequisites:

- Successful applicants will be expected to be physically fit and willing and able to participate in a number of different activities.
- Successfully completed Year 11 sport and outdoor education or Year 11 physical education, or at the discretion of the Head of Faculty.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 2 hours

Special conditions:

Students are expected to go on some field trips throughout the year which are designed to incorporate relevant unit standards. This will involve day and overnight trips.

Field trips:

Subject charges will be supported by STAR funding but will also include extra costs of approximately \$280 for rock climbing, kayaking, tramping, mountain biking and skiing/snowboarding.

COURSE DESCRIPTION

This course caters for students with a genuine interest in sport and the outdoors. The programme will introduce students to leadership, as well as outdoor recreational activities. A range of sporting activities and outdoor pursuits will include rock climbing, kayaking, mountain biking tramping and team sports. This is not an approved UE subject.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
489	7	Demonstrate Sea Kayaking skills on sheltered or slow moving water	2	3	N	N	Int				SR		
425	6	Experience day tramps	2	3	N	N	Int				SR		
426	6	Experience camping	2	3	N	N	Int				SR		
444	7	Demonstrate basic rock climbing movement	2	1	N	N	Int				SR		
457	6	Mountain bike on intermediate to expert terrain	2	2	N	N	Int				SR		
20157	2	Demonstrate the use of basic rope systems for top rope rock climbing and abseiling	2	3	N	N	Int				SR		
4596	4	Snow board on beginner terrain	2	4	N	N	Int				SR		
17468	3	Alpine ski downhill on beginner terrain	2	4	N	N	Int				SR		

Assessment: 7 x internal assessments, 19 credits. (students will choose from either Ski or Snow Boarding) Examinations are throughout the year.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

Students can do
 PE and Health
 PE and High Performance Programme (HPP)
OR
 PE and Services Preparation.
Students cannot do
 PE and Sport & Outdoor Education.
 or HPP and Services Preparation.

HIGH PERFORMANCE PROGRAMME – YEAR 12 **CODE: HPP**

NZQA qualifications: Unit Standards.

Prerequisites:

Students will be chosen for this course via an application to the Teacher in Charge and may involve an interview with the caregivers. Successful applicants must be currently performing at a high sporting level and have an excellent attitude. They must be physically fit, as well as willing and able to participate in a number of different activities.

Course length:	Full year	Class hours per fortnight:	7.5 hours	Homework hours per fortnight:	2 hours
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Special conditions:

Students are expected to go on some field trips throughout the year, which are designed to enrich and inspire them. This could involve day and/or overnight.

Field Trips/activities:

It is recommended students attend Pilates and gym sessions which will incur a charge of approximately \$200. It is recommended students attend field trips which will incur extra costs for transport of approximately \$50. The possibility of a camp will incur further costs TBC.

COURSE DESCRIPTION

Sport can be a professional and recognised career and this course is geared towards such people. It caters for students who are excelling in their chosen sporting endeavours and wish to further develop their ability to reach full potential. The programme will introduce students to weight training, core strength, goal setting, nutrition, psychology, time management, careers, stress management, dealing with the media and the problems associated with drugs in sport. Other topics will also be covered, as or when required by the individual.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C	M	P	S	S	C
								I	T	I	I	C	R
91154	2	Analyse the biological validity of information presented to the public	2	3	N	N	Int			R		R	
91102	2	Construct and deliver a crafted and controlled oral text.	2	3	N	N	Int			R	R		R
91103	2	Create a crafted and controlled visual and verbal text.	2	3	N	N	Int			R	R	R	SR
91299	2	Analyse issues related to the provision of food for people with specific food needs.	2	5	N	N	Int				R	R	

Assessment: 4 x internal unit standards, total 14 credits.
Term III school examinations.

- Course leads to:**
- A career in sport or sport related activities.
 - Tertiary studies in the recreation, sport and fitness industry.
 - Year 13 High Performance Programme.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

Students can do
PE and Health
PE and High Performance Programme (HPP)
OR
PE and Services Preparation.

Students cannot do
PE and Sport & Outdoor Education
or HPP and Services Preparation.

SERVICES PREPARATION – Level 2

CODE: SP

NZQA qualifications: NCEA Level 2

- Achievement Standards.
- Unit Standards.

Prerequisites:

Physically and mentally prepared to accept the challenges presented throughout the year.

Course length:	Full year	Class hours per fortnight:	7.5 hours	Homework hours per fortnight:	2 hours
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Special conditions:

Students will need to go on field trips to visit places of work. This will involve day trips and may involve overnight stays, all planned to integrate the standards being taught.

Field trips:

It is recommended that students pay for costs of approximately \$150 which are required to visit the various camps, bases and stations of the different services.

COURSE DESCRIPTION

This course is to provide an introduction to life in the services (Army, Navy, Air Force, Police and Fire). It is a motivating and disciplined programme to also help students develop as young adults. Areas to be developed include: Self confidence; Self pride; Personal fitness; Communication skills; Teamwork and leadership.

Topics taught will include:

- | | |
|--|---|
| <ul style="list-style-type: none"> • Roles, responsibilities and career paths of each service • Rank structures • Services history and core values • Basic drill and personal presentation | <ul style="list-style-type: none"> • Fitness and leadership activities • Time management • First aid • Being a New Zealand citizen compared to the cultural differences in the wider world. |
|--|---|

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C	M	P	S	S	C
								I	T	I	I	C	R
1304	8	Communicate with people from other cultures	3	2	N	N	Int						
12349	5	Demonstrate knowledge of time management	2	3	N	N	Int	SR					
91330	3	Perform a physical activity in an applied setting	2	4	N	N	Int				R		R
91332	2	Evaluate leadership strategies that contribute to the effectiveness of a group	2	4			Int				R	SR	R
91333	2	Demonstrate understanding of the application of risk management strategies to a challenging outdoor activity	2	3	N	N	Int			R	SR		
91230	2	Examine an historical event or place that is of significance to NZ	2	5			Int				R		

Assessment: 4 x internal unit standards, 2 x internal achievement standards.

Course leads to: A possible career in one of the services, further educational opportunities and successful entry into the workforce.

Students can do
 PE and Health
 PE and High Performance Programme (HPP)
OR
 PE and Services Preparation.
Students cannot do
 PE and Sport & Outdoor Education
 or HPP and Services Preparation.

SCIENCE FACULTY

BIOLOGY – Level 2

CODE: BIO

NZQA Qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

A minimum of 12 science and/or agriculture credits, including one external standard at the achieved level, PLUS be enrolled for either 12MA1 or 12MA2 AND either 12EN1 or 12EN2

Course Length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 3 hours

Special Conditions:

It is recommended students purchase a course book at approximately \$30.

Field Trips:

It is recommended students pay for the fee of approximately \$80 for a compulsory field trip for standard 91158. This is a two-day overnight field trip to Tongariro National Park staying overnight in Ohakune.

COURSE DESCRIPTION

This is a general Level 2 NCEA biology course aimed at students who wish to study biology in greater depth and develop the skills which will be used in further study. This course covers plants and ecology, cell processes, genetics and evolution.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91153	1	Carry out a practical investigation in a biological context	2	4	N	N	Int			R	SR	R	
91156	1	Demonstrate understanding of life processes at the cellular level	2	4	N	N	Ext			R		R	
91157	1	Demonstrate understanding of genetic variation and change	2	4	N	N	Ext			R		R	
91158	1	Investigate a pattern in an ecological community	2	4	N	N	Int			R			
91159	1	Demonstrate understanding of gene expression	2	4	N	N	Ext			R		R	
91160	1	Investigate biological material at the microscopic level	2	3	N	N	Int			R	SR	R	

Assessment: 3 x external achievement standards, 3 x internal achievement standards, total 23 credits
Term III School examinations.

Course Leads to: Level 3 Biology.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

CHEMISTRY – Level 2

CODE: CHE

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

A minimum of 12 science and/or agriculture credits, including one external standard at the achieved level, PLUS be enrolled for either 12MA1 or 12MA2 AND either 12EN1 or 12EN2

Course length: Full year
Class hours per fortnight: 7.5 hours
Homework hours per fortnight: 3 hours

Special conditions:

It is recommended that students purchase a write-on manual at approximately \$30.00

Field Trips:

These may be discussed and planned throughout the year as appropriate.

COURSE DESCRIPTION

A chemist's answer to the question "What is Chemistry?" could easily be, "What in the world isn't Chemistry?" Chemistry involves a study of everything about us, from the air we breathe and the food we eat, to the chemistry of a comet, the planets, and beyond. Chemistry involves the study of the structure and nature of substances, how they behave chemically, and the synthesis of new substances; in short, taking things apart and putting them together.

Knowledge of Chemistry is an essential prerequisite for many science-based careers, e.g. engineering, medicine, pharmacy, physiotherapy, dentistry, consumer science and other scientific university courses. It may also be useful for some polytechnic courses. Chemistry is a subject that helps students to develop their own powers of scientific reasoning and understanding, whatever career they decide upon.

Students complete two internally assessed practical assessments. They have the option of completing a third internal assessment in their own time.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91164	2	Demonstrate understanding of bonding, structure and energy changes	2	5	N	N	Ext	R		R		R	
91161	2	Carry out quantitative analysis	2	4	N	N	Int	R		R		R	
91165	2	Demonstrate understanding of the properties of selected organic compounds	2	4	N	N	Ext	R		R	R	R	
91166	2	Demonstrate understanding of chemical reactivity	2	4	N	N	Ext	R		R	SR	R	
91162	2	Carry out procedures to identify ions present in solution	2	3	N	N	Int	R		R		R	

Assessment: 2 x Internal Achievement Standards, 3 x External Achievement Standards, total 20 credits. Term III school examinations.

Course leads to: Level 3 Chemistry.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

PHYSICS – Level 2

CODE: PHY

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

- A minimum of 12 science and/or agriculture credits, including one external standard at the achieved level
- Be enrolled for either 12MA1 or 12MA2 AND either 12EN1 or 12EN2.
- Students will be required to complete a science department algebra and trigonometry assessment to a satisfactory level.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 3 hours

Special conditions:

- A scientific calculator is required for this course.
- It is recommended that students purchase a write-on manual at approximately \$20.00 per book.

Field Trips:

These may be discussed and planned throughout the year as appropriate.

COURSE DESCRIPTION

This is a general Level 2 NCEA physics course for students intending to work or study in a physics-related field such as engineering, architecture, games design, radiotherapy, medicine, military training. Students study mechanics – linear and circular motion, forces, energy, torque; electricity – series and parallel circuits, electric and magnetic fields, electric motors and generators; waves – lenses and mirrors, sound and light, the electromagnetic spectrum, reflection, refraction. All achievement standards are based on student interest and may change with general classroom consensus.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C	M	P	S	S	C
								I	T	I	I	C	R
91168	2	Carry out a practical physics investigation that leads to a nonlinear mathematical relationship	2	4	Y	Y	Int	R		R			
91171	2	Demonstrate understanding of mechanics	2	6	Y	Y	Ext	R		R		R	
91172	2	Demonstrate understanding of atomic and nuclear physics	2	3	Y								R
91173	2	Demonstrate understanding of electricity and electromagnetism	2	6	Y	Y	Ext	R		R			

Assessment: 1 x Internal Achievement Standard, 3 x External Achievement Standards, total 19 credits. Term III school examinations.

Course leads to: Level 3 Physics.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C	M	P	S	S	CR
I	T	I	I	C	
R = Recommended			SR = Sector Recommended		

FARMING SKILLS – YEAR 12

CODE: FSK

NZQA Qualifications: Unit Standards

Prerequisites:

Open entry after consultation with Head of Faculty or teacher in charge of agriculture.

Course Length:	Full year	Class hours per fortnight:	7.5 hours	Homework hours per fortnight:	2 hours
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Special Conditions:

None.

Field Trips:

It is recommended students attend the Agricultural Field Days Term II at a cost of approximate cost \$35.00. Other field trips may be required, these will be planned as needed and all costs kept to a minimum. This course is also supported with STAR funding.

COURSE DESCRIPTION:

This internally assessed course builds on the Level 1 agriculture course for students who may be going on to work or study in the agriculture or horticulture sectors. Students create their own course of study, selected from the Lincoln University-Telford STAR programme, from the categories below.

- General Agriculture
- Vehicles and Machinery
- Fencing
- Dairy
- Deer
- Cattle
- Sheep
- Farm Dogs
- Agrichemicals and Plant Pest Control
- Beekeeping
- Equine
- Horticulture

Assessment: All unit standards are internally assessed. Individual programmes are approximately 20 credits.

ENVIRONMENTAL ACTION

CODE: 12ENV

NZQA Qualifications: NCEA level 2.

Prerequisites:

NCEA Level 1 and discussion with the subject teachers prior to enrolment.

Course Length: Full year **Homework hours/week:** 4 hours

Special Conditions: Parents/caregivers will be asked to contribute towards the cost of trips.

Field Trips:

There will be frequent local field trips in order to provide relevant contexts for learning. There will be a balance between practical and theoretical components.

COURSE DESCRIPTION

This course has been designed with the intent of enabling students to become informed about Education for Sustainability in a way that is relevant to their futures and also the future of New Zealand within a global perspective.

Education for Sustainability is about learning to think and act in ways that safeguard the well-being of people and the planet.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91298	2	Report on the environmental impact of the production of a locally produced primary product	2	4	N	N	Int				SR		
91103	2	Create a crafted and controlled visual and verbal text	2	3	N	N	Int			R	R	R	SR
90811	3	Explain how human activity in a biophysical environment has consequences for a sustainable future	2	4	Y	N	Int			R			
90813	3	Demonstrate understanding of how different personal values have implications for a sustainable future	2	3	N	N	Int			R	R		
91734	2	Develop a collaborative response that promotes a sustainable future in relation to a current issue	2	4	N	N	Int			SR			

Assessment: This is an internally assessed course using standards from Agricultural Science, English and Education for Sustainability.

Course Leads to: This course may lead to Level 3 Environmental Action.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

SOCIAL SCIENCES FACULTY

ACCOUNTING – Level 2

CODE: ACC

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

14 or more credits at Level 1 accounting or in consultation with the teacher in charge of accounting.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 3 hours

Special conditions:

It is recommended that students buy accounting workbooks at approximately \$25 total.

COURSE DESCRIPTION

Students with an interest in owning or managing a business or interested in studying business or commerce at a higher level would be advised to take Level 2 accounting.

Topics include:

- The purpose and conceptual basis of accounting; the systems used to process financial transactions – manual and computer
- The preparation, presentation, analysis and interpretation of financial statements.

While it builds and expands on the Level 1 course and provides an excellent preparation to Level 3 accounting, capable students willing to put in a lot of work will be able to pick up this course.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91174	2	Demonstrate understanding of accounting concepts for a sole proprietor that operates accounting subsystems	2	4	N	N	Ext				R		
91176	2	Prepare financial information for an entity that operates accounting subsystems	2	5	N	N	Ext						
91179	2	Demonstrate understanding of an accounts receivable subsystem for an entity	2	3	N	N	Int						
91386	2	Demonstrate understanding of an inventory subsystem for an entity.	2	3	N	N	Int				SR		
91175	2	Demonstrate understanding of accounting processing using accounting software	2	4	N	N	Int				R		R

Assessment: 3 x internal achievement standards, 2 x external achievement standards.
A final choice of which standards are offered will be based on students' prior learning and interest.

Course leads to: NCEA Level 3 Accounting.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

ECONOMICS – Level 2

CODE: ECO

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

14 or more credits in NCEA Level 1 economics or a good level of achievement in another social science at Level 1, or in consultation with the teacher in charge of economics.

Course length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 3 hours

Special conditions:

It is recommended that students purchase an economics workbook at approximately \$25.

COURSE DESCRIPTION

This course covers major economic issues that affect all of us, inflation, international trade, and economic growth. You will be able to understand and measure these issues as well as understand their cause and possible effects. You will also become aware of Government policies designed to address these issues.

It is a very informative and topical course, which provides you the opportunity to better understand the nature of the New Zealand economy. Economics complements learning in other subjects and this course provides a good background of understanding for study at a higher level.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C	M	P	S	S	C	R
								I	T	I	I	C		
91222	2	Analyse inflation using economic concepts and models	2	4	N	Y	Ext							R
91223	2	Analyse international trade using economic concepts and models	2	4	N	Y	Ext				R			R
91224	2	Analyse economic growth using economic concepts and models	2	4	N	Y	Ext							R
91226	2	Analyse statistical data relating to contemporary economic issues	2	4	N	N	Int							
91227	2	Analyse how government policy and contemporary economic issues interact	2	6	Y	N	Int							

Assessment: 2 x internal achievement standard, 3 x external achievement standards.
A final choice of which standards are offered will be based upon students' prior learning and interests.

Course leads to: NCEA Level 3 Economics.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C	M	P	S	S	CR
I	T	I	I	C	
R = Recommended			SR = Sector Recommended		

ENTERPRISE STUDIES – Level 2

CODE: EST

NZQA qualifications: NCEA credit equivalent – Level 3.
Achievement standards – Level 3.

Prerequisites:

NCEA Level 1 (including numeracy and literacy) and approval by the teacher in charge.

Course length:	Full year	Class hours per fortnight:	7.5 hours	Homework hours per fortnight:	4 hours
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It is recommended that students pay the follow Course Costs:

- Registration per student for Young Enterprise \$35.
- E-day in Rotorua in February/March, approximately \$20.
- Travel to regional and national awards ceremonies if applicable (cost to be advised – this was sponsored in 2016).

COURSE DESCRIPTION

Enterprise studies is a learning experience in which you will form a company; become a director and develop products and services, which you then market and sell. Enterprise studies is skill based and teaches skills in budgeting, planning, interpersonal relations, decision making, reporting, communications; risk management and teamwork.

Enterprise studies students will:

- Learn how to run a business
- Learn the value of being enterprising
- Add value to school based knowledge
- Develop a ‘can do’ attitude
- Learn to take and manage risks.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C	M	P	S	S	C	R
91867		Demonstrate understanding of a primary industry business structure that best meets the strategic needs of a business	2	3	N	N	Int							
90846	2	Conduct market research for a new or existing product	2	3	N	N	Int			R				R
90848	2	Carry out a review and refine a business activity within a community context with guidance	2	9	N	N	Int							R

Assessment: 3 x Achievement Standards.
Course leads to:

- Year 13 Enterprise Studies.
- Business ownership and management.
- Tertiary study in business.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C	M	P	S	S	CR
I	T	I	I	C	
R = Recommended			SR = Sector Recommended		

GEOGRAPHY – Level 2 **CODE: GEO**

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

Either 12 credits Level 1 Geography or 12 credits Level 1 English which must be a combination of internal and external achievement standards or by negotiation with the teacher in charge of geography. Some credits in Level 1 mathematics are also desirable.

Course length:	Full year	Class hours per fortnight:	7.5 hours	Homework hours per fortnight:	5 hours
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Special conditions:

Field work is a compulsory for standard 91244. This will involve costs which may include an overnight stay. Costs will be approximately \$120. It is recommended that students purchase the TNT workbooks for external achievement standards at approximately \$10.

COURSE DESCRIPTION

The course at this level is designed to increase students' geographic knowledge and ideas, and develop more complex skills. However, the course is sufficiently flexible to enable students to study geography for the first time at this level. It provides an interesting broad base for any future studies in social sciences.

Achievement standards will be selected from –

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C	M	P	S	S	C	R
91240	2	Demonstrate geographic understanding of a large natural environment	2	4	Y	Y	Ext			R	SR			
91241	2	Demonstrate geographic understanding of an urban pattern	2	3	N	N	Int	R				SR		
91243	2	Apply geographic concepts and skills to demonstrate understanding of a given environment	2	4	N	N	Ext	R		R	R			
91244	2	Conduct geographic research with guidance	2	5	N	N	Int				R			R
91245	2	Explain aspects of a contemporary New Zealand geographic issue	2	3	N	N	Int				R	R	R	
91246	2	Explain aspects of a geographic topic at a global scale	2	3	N	N	Int			R	R			

Assessment: A maximum of 4 x internal achievement standards plus 2 x external achievement standards. Term 4 NCEA Examinations.

Course leads to: NCEA Level 3 Geography.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C	M	P	S	S	CR
I	T	I	I	C	
R = Recommended			SR = Sector Recommended		

CLASSICAL STUDIES – Level 2

CODE: CLA

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

16 credits in History or English (01) including an essay writing standard.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 5 hours

COURSE DESCRIPTION

Level 2 classical studies focuses on topics within three areas of study of the classical Greek world. These are literature, art and history. The study of Greek mythology is an integral part of the course. Topics will be chosen from the following:

1. Homer’s Odyssey or the Illiad
2. A selection of Greek vases and sculpture
3. Athenian democracy or Athenian social life or Spartan social life
4. Research (2 papers) – this component is internally assessed and is worth 10 credits.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91200	2	Examine ideas and values of the classical world	2	4	Y	Y	Ext						R
91201	2	Examine the significance of features of works of art in the classical world	2	4	Y	Y	Ext						SR
91202	2	Examine a significant event in the Classical World	2	4	Y	N	Int						R
91204	2	Demonstrate an understanding of the influence of the classical world on other cultures	2	6	Y	N	Int						R

Assessment: 2 x internal achievement standards, 2 x external achievement standards.

Course leads to: NCEA Level 3 History and Classics.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

HISTORY – Level 2

CODE: HIS

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

16 credits in History or English (01) including an essay writing standard, 91005 or 90053 or 90849 or 90850.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 5 hours

COURSE DESCRIPTION

Level 2 History focuses on some of the major events of the 19th century which have shaped the 20th Century and which will continue to influence the 21st Century. There are three main sections to the course -

1. International Relations

A study of the origins and causes of the World War, from military alliances to the arms race, and international crises to assassinations. The impact of this event is still being felt today and has influenced the geopolitical decisions on every continent.

2. Government and Political Change

The Russian Revolution which saw the bloody overthrow of the royal family and its replacement by a radical group of communist revolutionaries. A revolution that has influenced and inspired those wanting greater equality and which helped reshape the political landscape of the world.

3. Imperialism and the Emergence of New Nations

Vietnam and the conflict in Indo-China 1945 – 1975 which saw the determined effort of the people of Vietnam to overthrow the imperialistic super powers of France and the United States and gain their freedom and independence – an issue that still faces many countries today.

4. Research topics

This component is internally assessed and comprises 9 credits. Different topics are chosen from year to year depending on the interests and strengths of the students, availability of resources and the requirements of the standards.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91229	2	Carry out an historical inquiry	2	4	Y	N	Int				R		
91230	2	Examine an historical event	2	5	Y	N	Int				R		
91231	2	Examine historical sources	2	4	Y	N	Ext						
91233	2	Examine causes and consequences of an historical event	2	5	Y	Y	Ext						
91234	2	Examine an historical event affecting NZ society	2	5	Y	Y	Ext						

Assessment: 2 x internal achievement standards and 3 x external achievement standards.

Course leads to: The enhancement of communication and critical thinking skills and NCEA Level 3 History.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

TOURISM – Level 2

CODE: TOU

NZQA qualifications: NCEA Level 2 Unit Standards.

Prerequisites:

At least 9 literacy credits in achievement standards or unit standards in Year 11 English or geography.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 3 hours

Special conditions:

- Some fieldwork may be undertaken and this will involve some cost to students.
- This course is supported by STAR funding.

Field trips:

STAR courses where appropriate.

COURSE DESCRIPTION

Students will study an introductory approach to tourism. Emphasis is on the New Zealand tourist locations; the social, cultural and physical impacts on the tourism industry; and types, styles and characteristics of the tourist.

Standards will be selected from:

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
24724	2	Demonstrate knowledge of the history of tourism	2	4	N	N	Int					SR	
24728	2	Demonstrate knowledge of work roles	2	3	N	N	Int					SR	
24729	3	Demonstrate knowledge of world tourist destinations	2	4	N	N	Int					SR	
24730	2	Demonstrate knowledge of the business of tourism	2	4	N	N	Int					SR	
24731	4	Demonstrate knowledge of destination New Zealand	2	4	N	N	Int					SR	
24732	2	Demonstrate knowledge of tourist characteristics and needs	2	3	N	N	Int					SR	
23761	2	Read and Comprehend work-related documents	2	3	N	N	Int					SR	
23767	2	Demonstrate knowledge of the use of the internet	2	2	N	N	Int					SR	
24726	2	Describe social and cultural impacts of tourism	2	2	N	N	Int					SR	
24727	2	Describe and compare impacts of tourism on the physical Environment	2	3	N	N	Int					SR	

Course leads to:

- Year 13 Tourism – University Entrance course
- Range of tourist industry career opportunities
- Cross credit to polytechnic unit standards.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

TECHNOLOGY FACULTY

DESIGN & VISUAL COMMUNICATION – Level 2

CODE: DVC

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

It is preferable that a student has taken this subject in Years 9, 10 and 11, but not essential.

Course length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 4 hours

Special conditions:

- Students must supply their own pencils, colouring and draughting as well as a compass set.
- It is recommended that students pay the subject charge \$35. This covers the cost of all take home materials used in this course and limited colour printing costs.

COURSE DESCRIPTION

This course is intended for students interested in design as a means to develop their own visual communication skills or as an intended career pathway. The course is a progression from Level 1 and extends student learning through the introduction of different media design and communication skills. Students will further develop their skill in computer aided design (CAD) and image enhancement technologies. Learning will be directed at three main areas throughout the year:

- Visual Communication and Design
- Spatial Design (Environmental/Architectural)
- Product Design (Engineering, Robotics)

The course is a full achievement standards course with students assessed using four achievement standards one of which will be chosen depending on student interest. (Architecture or Product Design). Additionally one unit standard is available for students with a specific interest in computer aided design.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91338	3	Produce working drawings to communicate technical details of a design	2	4	N	N	Ext	SR		R			R
91339	3	Produce instrumental perspective projection drawings to communicate design ideas	2	3	N	N	Ext	SR					R
91340	3	Use the characteristics of a design movement or era to inform own design ideas	2	3	N	N	Int						SR
91341	3	Develop a spatial design through graphics practice (OPTION 1)	2	6	N	N	Int	SR					R
or													
91342	3	Develop a product design through graphics practice	2	6	N	N	Int	SR					R
2433	7	(OPTION 2) Create two dimensional engineering drawings using CAD	2	6	N	N	Int						

Assessment: 3 x internal achievement standards, 2 x external achievement standards, total 22 credits.

Course leads to: NCEA Level 3 Design & Visual Communication.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

DIGITAL TECHNOLOGIES (01) – Level 2

CODE: DT1

NZQA qualifications: NCEA Level 2 • Achievement Standards

Prerequisites:

8 Credits NCEA Level 1 Digital Technologies.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 3 hours

Special conditions:

As there is no subject charge, all printing costs are to be met by the students.

Field trips:

Possible local.

COURSE DESCRIPTION

Students choosing digital technologies pathways for NCEA Level 2 will develop the more specialised skills that industry partners say are in high demand. The new content covers two key areas, computational thinking and designing and developing digital outcomes.

Computational thinking is about understanding the computer science principles that underlie all digital technologies, and learning how to develop instructions, such as programming, to control these technologies.

Designing and developing digital outcomes is about understanding that digital systems and applications are created for humans by humans, and developing knowledge and skills in using different digital technologies to create digital content across a range of digital media.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
2.2	1	Apply conventions to develop a design for a digital outcome	2	3			Int						
2.3	1	Use advanced techniques to develop a database	2	4			Int						
2.4	1	Use advanced techniques to develop a digital media outcome	2	4			Int						
2.7	1	Develop a computer program, using advanced programming techniques	2	4			Int						
2.8	1	Use advanced iterative processes to plan and develop a digital outcome	2	6			Int						
2.10	1	Present a summary of developing a digital outcome	2	3			Ext						

Assessment: 5 x internal achievement standards, 1 x external achievement standards, total 24 credits. Term III school examinations.

Course leads to: NCEA Digital Technologies Level 3.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

DIGITAL TECHNOLOGIES (02) – Level 2

CODE: DT2

NZQA qualifications: NCEA Level 2

- Unit Standards
- National Certificate in Computing Level 2.

Course length: Full year

Class hours per fortnight: 7.5 hours

Special conditions:

As there is no subject charge, all printing costs are to be met by the students.

COURSE DESCRIPTION

This course aims to enable students to live confidently with computers in their present and future situations. It is a practical subject with much “hands on” experience with common applications. It also contains theoretical work to help develop an understanding of computers and related terminology.

Students will be assessed using mostly Level 2 unit standards, then move on to Level 3 unit standards.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
111	7	Use a word processor to produce documents for a business or organisation	2	5	N	N	Int						
2780	7	Demonstrate and apply knowledge of a Personal Computer System	1	3	N	N	Int						R
2781	8	Manage and protect data in a Personal Computer System	2	3	N	N	Int						
2784	7	Create and use a computer spreadsheet to solve a problem	2	3	N	N	Int	R		R	R	R	R
2786	7	Create and use a computer database to solve a problem	2	3	N	N	Int	R					R
2788	8	Produce desktop published documents to meet a set brief	2	5	N	N	Int	R					SR
2791	8	Integrate spreadsheet and database data into word processed documents to meet a set brief	2	3	N	N	Int	R		R			R
5957	8	Produce schematic diagrams using a computer application	2	2	N	N	Int						R
6743	7	Demonstrate an understanding of ergonomic principles for computer workstations	2	2	N	N	Int						R

Assessment: 8 x internal unit standards, total 26 credits for Level 2 plus 3 credits for Level 1. To complete the National Certificate in Computing Level 2, a further 14 credits at Level 2 or above are required but they can come from anywhere on the National Qualifications Framework.

Course leads to: NCEA Level 3 computing unit standards.
Level 3 National Certificate in Computing.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

HOSPITALITY – Level 2

CODE: HOS

- NZQA qualifications:**
- NCEA Level 2
 - Industry unit standards
 - Certificate in Food Safety.

Prerequisites:

It is an advantage if students have studied food and nutrition or hospitality at other levels, but not essential.

Course length: Full Year **Class hours/per fortnight:** 7.5 hours **Homework hours per fortnight:** 3 hours

Special conditions:

It is recommended students pay the Subject charge \$130*. This covers the cost of all food and special resources used in the course throughout the year not covered by STAR support funding. This must be paid within the first term.

* Subject charge is supported by STAR funding, covering the cost of the workbooks and some of the food used by students.

Field trips:

Students will be expected to visit food outlets, both local and out of town.

COURSE DESCRIPTION

This course is intended for students who wish to pursue a career in the food industry with Service IQ as the course provider. The course consists of industry based unit standards.

Students will learn basic cooking techniques that will provide them with experience to enter a Polytechnic and gain further qualifications or skills to gain entry level jobs in the local food industry.

This is a creative and interesting course that allows students of all abilities to learn useful skills that are in high demand in the work force. Students will be able to trial these skills through work experience in the local community. This serves as a good introduction to different businesses in town and the beginning of a range of employment opportunities.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
167	7	Practice food safety methods in a food business	2	4	N	N	Int				SR		
13280	3	Prepare fruit and vegetables in a commercial kitchen	2	2	N	N	Int				SR		
13283	3	Prepare and present salads for service in a commercial kitchen	2	2	N	N	Int				SR		
13276	3	Cook food by grilling	2	2	N	N	Int				SR		
13272	4	Cook food by baking	2	2	N	N	Int				SR		
13281	5	Prepare and present basic sandwiches for service	2	2	N	N	Int				SR		
17286	5	Prepare and present plunger coffee for service	2	2	N	N	Int				SR		
17287	5	Prepare and present filtered coffee for service	2	2	N	N	Int				SR		
13285	4	Handle and maintain knives	2	2	N	N	Int				SR		

Assessment: 9 x Internal Unit Standards, total 20 credits.
Term III school examinations.

Course leads to: Hospitality Year 13.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

FOOD TECHNOLOGY AND NUTRITION – Level 2

CODE: FN

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

Students are expected to have studied this subject in Year 11 and passed with a minimum of all Achieved grades, or entry with teacher approval.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 4 hours

Special Conditions:

It is recommended that students pay the Subject charge \$120. This covers the cost of all food used in the course throughout the year and must be paid within the first term. At least one field trip during the year which will incur a charge for transport

COURSE DESCRIPTION

Students study topics such as nutritional issues for specific food needs, the connection between wellbeing, food choices and health, evaluating food sustainability as well as food processing technologies. While it is possible to tailor some of the contexts to student interests, topics which may be covered include; catering for people with gluten intolerance or involved in high performance sport, creating pasta meals, developing a prototype. Most of the internal standards have both theory and practical components for assessment.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91299	2	Analyse issues related to the provision of food for people with specific food needs	2	5	N	Y	Int				R	R	
91300	2	Analyse the relationship between wellbeing, food choices and determinants of health	2	4	N	Y	Ext				R	SR	
91302	2	Evaluate sustainable food related practice	2	5	N	Y	Int			R	R	R	
91351	4	Implement advanced procedures to process a specified product	2	4	N	N	Int			R			
91357	3	Undertake effective development to make and trial a prototype	2	6	N	N	Int	R		R			R

Assessment: 4 x Internal Achievement Standards, 1 x External Achievement Standard, total 24 credits. Term III school examinations.

Course leads to: NCEA Level 3 Food Technology.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

DRIVER EDUCATION – Level 2

CODE: DRIVE

NZQA qualifications: NCEA Levels 2 • Unit Standards.

Prerequisites:

Preferably Restricted drivers licence, but at least Learners drivers licence by prior arrangement.

Course length: Class hours 4 per week **Homework hours per week:** various

Special Conditions:

Students need to be able to take practical driving lessons during class time. The use of a suitable vehicle and fees are covered by the school.

Total cost:

The student will need to cover licence fees (Learners/Restricted and Full). All other costs are covered by the school.

Field trips:

First Aid course (for some students), End of year outing.

COURSE DESCRIPTION

The course consists of many unit standards that students will work through in the classroom situation. On a regular rotation each student will participate in up to five practical driving lessons with a qualified driving instructor. On occasions there may be group driving skill events. As part of the course students will have the opportunity to participate in Driver Directions (a free practical day) during each term break.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C	M	P	S	S	C	R
								I	T	I	I	C		
3462	6	Demonstrate knowledge of traffic law for the purpose of safe driving	2	3	N	N	Int							
3464	5	Apply knowledge of human risk factors in a self-management strategy for oneself as a driver	2	3	N	N	Int							
3465	6	Describe driving hazards and risk reduction responses to driving	2	3	N	N	Int							
3469	5	Apply control while in driving a light motor vehicle	2	2	N	N	Int							
3470	6	Execute low speed manoeuvres in a light motor vehicle	2	1	N	N	Int							
1734	7	Demonstrate knowledge of stress, health and fatigue for driving	2	3	N	N	Int							
17458	4	Demonstrate knowledge of light motor vehicle systems and components	2	2	N	N	Int							
17563	3	Demonstrate knowledge of the New Zealand Graduated Driver Licensing System (GDLS)	2	3	N	N	Int							
17677	4	Demonstrate knowledge of safe night driving	2	2	N	N	Int							

Course leads to: Skills that will enable the student to pursue a career in the driving industry.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C	M	P	S	S	CR
I	T	I	I	C	
R = Recommended			SR = Sector Recommended		

ENGINEERING – Level 2

CODE: TEG

NZQA qualifications: NCEA Level 2 Unit Standards.

Prerequisites:

NCEA Level 1 Technology Engineering.

Course length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 2 hours

Special conditions:

- Special charges will be supported by STAR funding.
- It is recommended students pay the subject charge \$95, to cover the cost of the take home material’s used in the course.

COURSE DESCRIPTION

This course caters for students interested in a future in the engineering and automotive industry. Students will earn nationally recognised engineering and automotive unit standards, while developing a range of creative and practical skills.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
2395	9	Select, use and care for, engineering hand tools.	2	4	N	N	Int				R		
2430	8	Draw and interpret engineering sketches under supervision.	2	4	N	N	Int						
4436	7	Select, use and care for engineering marking-out equipment.	2	4	N	N	Int						
2396	7	Use and maintain portable hand held power tools.	2	4	N	N	Int				R		
21907	3	Demonstrate and apply knowledge of safe welding procedures under supervision.	2	3	N	N	Int				R		

Assessment: 5 x internal unit standards - total 19 credits.
Term III school examinations.

Course leads to: Engineering Automotive Year 13.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

RESISTANT MATERIALS – WOOD

Level 2

CODE: RMW

NZQA qualifications: NCEA Level 2

- Achievement Standards.
- Unit Standards.

Prerequisites:
Year 10 and Year 11 technology are an advantage.

Course length: Full year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 2 hours

Special Conditions:
It is recommended students pay the subject charge of \$95 which covers the cost of all the take home materials used in the course.

COURSE DESCRIPTION

In this course students will produce a variety of projects that relate to all areas of hard materials such as wood, metal, plastic and other hard materials. The course will provide opportunities for students to develop practical, creative and hands-on skills.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
24350	2	Identify, select, maintain, and use portable power tools for BCATS projects	2	6	N	N	Int	SR					
91355	3	Select and use planning tools to manage the development of an outcome	2	4	N	N	Int	R		R			R
91357	3	Undertake effective development to make and trial a prototype	2	6	N	N	Int	R		R			R
91359	3	Demonstrate understanding of the role of material evaluation in the product development	2	4	N	N	Ext	R		R			R

Assessment: 3 x internal achievement standards, 1 x external unit standards, total 20 credits. Term III school examinations.

Course Leads to: NCEA Level 3 Technology Hard Materials and a career pathway in the building, furniture and joinery industries, also the Certificate, Diploma and/or Bachelor of Applied Technology in tertiary studies.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

TEXTILE MATERIALS – Level 2

CODE: TM

NZQA qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

Students are expected to have studied this subject in Year 11 and passed with a minimum of 12 credits, or entry with teacher approval.

Course length: Full year **Class hours per fortnight:** 7.5 hours

Special conditions:

It is recommended students pay the subject charge of \$80, which covers the take home content of the course.

COURSE DESCRIPTION

Unit 1: Students will research an innovative international designer. They will use this research to inspire their own design, choose a pattern, make pattern adaptations and create the outfit.

Unit 2: Students will work cross curricular with the drama department and research what is needed to create a costume for a performance, after which they will construct an item for the performance. The materials for this outfit will be supplied. The two performance processing unit standards can be achieved at merit or excellence level.

This course will be helpful to prepare students for a future in the field of fashion. This course is part of a pathway to university approved credits at Year 13.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91356	3	Develop a conceptual design for an outcome	2	6	N	N	Int	R		R			SR
91345	3	Implement advanced procedures using textile materials to make a specific product with special features	2	6	N	N	Int						R
91350	3	Make advanced adaptations to a pattern to change the structural and style features of a design	2	4	N	N	Int	S R					SR
91357	3	Undertake effective development to make and trial a prototype	2	6	N	N	Int	R		R			R
27699	1	Research and design a costume for a specified performance context	2	4	N	N	Int						SR
27704	2	Design and construct item(s) to meet production needs for a performance context.	2	4	N	N	Int						SR
4838	6	Demonstrate knowledge of clothing materials in the clothing industry	2	3	N	N	Int						
91358	2	Demonstrate understanding of how technological modelling supports risk management	2	4	N	N	Ext	R					

Assessment: 1 x External Achievement Standards, 4 x Internal Achievement Standards, 3 x Unit Standard, total 25 credits.

Course leads to: NCEA Level 3 Technology.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

THE ARTS FACULTY

VISUAL ARTS, DESIGN – Level 2

CODE: DES

NZQA Qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

Minimum 12 credits in Level 1 visual arts.

Course Length:	Full Year	Class hours per fortnight:	7.5 hours	Homework hours per fortnight:	4 hours
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Special Conditions:

It is recommended students pay the subject charge of \$40. This covers the cost of all the take home materials used in the course.

COURSE DESCRIPTION

Design students will learn to solve clearly defined design problems. They will develop an awareness of existing Art and Design practice and apply it to solutions shown in drawings, notes, models and finished work.

Students will produce work, presented in a folio, and assignments on a range of themes. The course is assessed through achievement standards that cover the curriculum with total credits of 24.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91310	1	Use drawing methods to apply knowledge of conventions appropriate to design	2	4	N	N	Int						SR
91315	1	Develop ideas in a related series of drawings appropriate to established design practice	2	4	N	N	Int						SR
91320	1	Produce a body of work within design to show understanding of art making methods and ideas	2	12	N	N	Ext						R

Assessment: 2 x Internal Achievement Standards, 1 x External Achievement Standard, total 20 credits. Term III School examinations.

Course Leads to: NCEA Level 3 Visual Arts/Design.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

VISUAL ARTS, PAINTING – Level 2

CODE: PAI

NZQA Qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

Minimum 12 credits at Level 1 visual arts.

Course Length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 4 hours

Special Conditions:

It is recommended students pay the subject charge of \$100. This covers the cost of basic take home art materials used in the course. Students are expected to supply their own paint brushes and specialist paints for portfolio and assessment work.

COURSE DESCRIPTION

Painting students will develop good drawing skills in a variety of painting and drawing media using established artist practices and procedures.

Students will produce work, presented in a folio, and assignments on a number of themes. The course is assessed through achievement standards that cover the curriculum with total credits of 24.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91311	1	Use drawing methods to apply knowledge of conventions appropriate to painting	2	4	N	N	Int						SR
91316	1	Develop ideas in a related series of drawings appropriate to established painting practice	2	4	N	N	Int						SR
91321	1	Produce a body of work within painting to show understanding of art making methods and ideas	2	12	N	N	Ext						R

Assessment: 2 x Internal Achievement Standards, 1 x External Achievement Standard, total 20 credits.

Course Leads to: NCEA Level 3 Visual Arts Painting – minimum 12 credits in Year 12.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

VISUAL ARTS, PHOTOGRAPHY– Level 2

CODE: PHO

NZQA Qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

Minimum 12 credits at Level 1 visual arts, or in consultation with the teacher in charge.

Course Length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 6 hours

Special Conditions:

- It is recommended students pay the subject charge of \$40. This covers the cost of the take home materials used in the course. Students will be expected to pay for their own printing costs.
- Please Note – A digital SLR camera is essential.

COURSE DESCRIPTION

Photography students will gain good knowledge of digital photographic and Photoshop procedures. They will develop knowledge and understanding of existing photographic practice.

Students will produce work, presented in a folio, and assignments on a number of themes.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91312	1	Use drawing methods to apply knowledge of conventions appropriate to photography	2	4	N	N	Int						SR
91317	1	Develop ideas in a related series of drawings appropriate to established photography practice	2	4	N	N	Int						SR
91322	1	Produce a body of work within photography to show understanding of art making methods and ideas	2	12	N	N	Ext						R

Assessment: 2 x Internal Achievement Standards, 1 x External Achievement Standard, total 20 credits. Term III School examinations.

Course Leads to: NCEA Level 3 Visual Arts Photography.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

DRAMA – Level 2

CODE: DRA

NZQA Qualifications: NCEA Level 2 Achievement Standards.

Prerequisites: NCEA Level 1 drama, 12 credits or by audition.

Course Length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 3 hours

Special Conditions:

- It is recommended students pay the subject charge \$50. This covers the cost of theatre tickets and costume hire for performance assessments.
- Some obligatory rehearsal time will need to take place outside of school hours (for standard 91218).
- NCEA Level 1 performance standard 90019 required or by audition.

Field Trips:

- At least one theatre visit.
- Professional workshops.

COURSE DESCRIPTION

The Level 2 course builds on the skills learned in Year 11 and deepens student’s understanding and experience of drama. They continue on with the study and application of dramatic techniques, elements and conventions, study and apply Shakespearean Theatre features and take part in the public Level 2 performance assessment evening.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
91214	1	Devise and perform a drama to realise an intention	2	5	N	N	Int						SR
91216	2	Perform features of a complex drama/theatre form	2	4	Y	N	Int						SR
91218	1	Perform a substantial acting role in a scripted production	2	5	Y	N	Int						SR
91215	1	Discuss a drama/theatre form or period with reference to text	2	4	Y	Y	Ext						R
91219	1	Discuss drama elements, techniques, conventions and technologies within live performance	2	4	N	Y	Ext						SR
91217	1	Examine the work of a playwright (optional)	2	4	Y	N	Int						R
91221	1	Direct a scene for drama performance (optional)	2	4	Y	N	Int						R

Assessment: 5 x Internal Achievement Standards, 2 x External Achievement Standards, total 30 credits. Term III School examinations.

Course Leads to: NCEA Level 3 Drama.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

MUSIC – Level 2

CODE: MUS

NZQA Qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

Entry to this course is restricted to students with Level 1 NCEA in music or equivalent. Most students will have a minimum of 14 credits across performance and composition. Auditions may be required for confirmation of entry requirements. Music literacy credits are required from Level 1 for some Level 2 standards.

Course Length: Full Year **Class hours per fortnight:** 7.5 hours **Homework hours per fortnight:** 10 to 15 hours
Instrumental tuition: 1-2 hour **music practice**

Special Conditions:

- As part of the performance requirements for assessment, students need to continue with their course of instrumental tuition on their performance instrument throughout the year (either privately or via the college). Extra charges may apply in some cases. It is recommended that lessons be on an individual basis.
- Students must be prepared to take part in performance opportunities.

COURSE DESCRIPTION

This course builds on the skills of performance and composition developed to a competent level from Level 1. Useful and practical skills such as writing, instrumentation and score reading, will now be developed to a competent level. Students will be encouraged to perform at organised events such as the New Zealand Chamber Music Festival or the Rock Quest Competition.

Learning and assessment activities are based around the four strands from the Arts Curriculum document:

- Developing practical knowledge in music (theory, score reading).
- Developing ideas in music (composing music).
- Communicating and interpreting in music (listen to, read and play music).
- Understand music in context (developing knowledge and understanding of a variety of music styles both past and present).

Please Note – While students have the opportunity to further their own interests in music, this course has a set programme of teaching and learning based on the curriculum and NCEA assessment standards. Each year a course is designed to allow all students in the class to gain at least 14 credits and to gain a subject endorsement through one external paper.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C	M	P	S	S	C
								I	T	I	I	C	R
Making Music													
91270	1	Perform two substantial pieces of music as a featured soloist	2	6	N	N	Int						R
91274	1	Perform as a featured soloist on a second instrument	2	3	N	N	Int						R
91272	1	Demonstrate ensemble skills by performing as a member of a group	2	4	N	N	Int						SR
91271	1	Compose two substantial pieces	2	6	N	N	Int						R
Music Studies													
91276	1	Demonstrate knowledge of conventions in a range of scores	2	4	N	N	Ext						SR
91273	1	Devise instrumentation for an ensemble selection	2	4	N	N	Int						R
91277	1	Demonstrate understanding of two substantial contrasting music works	2	6	N	N	Ext						R
91278	1	Investigate an aspect of New Zealand music	2	4	N	N	Int						R

Assessment: 5 x Internal Achievement Standards, 3 x External Achievement Standards, 14 credits minimum requirement.

Course Leads to: NCEA Level 3 Music.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C	M	P	S	S	CR
I	T	I	I	C	
R = Recommended			SR = Sector Recommended		

ENHANCED PERFORMANCE DANCE – Level 2

CODE: EPD

NZQA Qualifications: NCEA Level 2 Achievement Standards.

Prerequisites:

- NCEA Level 1 dance – minimum 14 credits.
- Ballet at Grade 7 and/or higher, **AND / OR**
- Jazz at Intermediate or Advanced level, **AND / OR**
- Contemporary at Level 3 or higher, **AND / OR**
- Hip Hop at Level 3 or higher, **AND / OR**
- Evidence of a successful dance competition and/or audition.

Course Length:

Four Terms. This course is timetabled before school one morning per week.

Field trips (costs to be advised):

- DanceNZMade.
- Taupo Youth Talent Quest.
- Taupo Queen’s Birthday Dance Competitions
- Tutoring by dance companies or ex-students.

COURSE DESCRIPTION

This course is intended to give students who dance an opportunity to gain NCEA accreditation for something they are already dedicated to and passionate about. This course also creates an opportunity to gain necessary credits that might help students gain entry to courses/subjects at Tertiary level in dance or the performing arts. This course is intended for able dancers who wish to continue their studies in dance at Level 2 and Level 3. This is a rewarding performing arts course that demands a high degree of commitment and effort. All students have an individual learning plan.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S I	C R
91205	1	Choreograph a group dance to communicate an intention	2	4	N	N	Int						R
91206	1	Choreograph a solo dance to communicate an intention	2	4	N	N	Int						R
91207	1	Perform an ethnic or social dance to communicate understanding of style	2	4	N	N	Int						SR
91208	1	Perform a theatre dance to communicate understanding of the dance	2	4	N	N	Int						SR
91209	1	Perform a repertoire of dance	2	6	N	N	Int						R
91210	1	Demonstrate understanding of a range of choreographic processes	2	4	N	N	Int						R
91211	1	Provide an interpretation of a dance performance with supporting evidence	2	4	N	N	Ext						R
91212	1	Demonstrate understanding of a dance genre or style in context	2	4	N	N	Ext						SR

Assessment: 6 x internal achievement standards (26 credits); 2 x external achievement standards (8 credits).

Course Leads to: NCEA Level 3 dance.

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

GATEWAY – Structured Workplace Learning

Gateway is a senior programme offered to students. It enables senior students to participate in structured workplace learning which is assessed and evaluated. A Gateway placement is integral to the senior students' other subjects. In most cases a placement is one day a week, or in the school holidays.

Students involved in Gateway will have their achievements credited towards national qualifications including the National Certificate of Educational Achievement (NCEA).

In many cases students will get a head start on their chosen careers. Through Gateway further opportunities may open up such as Modern Apprenticeship training and full time employment or cadetships.

Prerequisites

Year 12 and Year 13 students who apply to Gateway will be interviewed and selected during the year by the Gateway Coordinator, Mrs Grant. Students must have parental permission to participate in a Gateway placement and must complete US497 Workplace Health and Safety Requirements Level 1 (3 credits).

Special Conditions

- This is a fully funded course of study. Students will have a contract concerning attendance and behavioural requirements and will be required to complete a log book.
 - Each student in the Gateway programme will have a structured workplace learning plan. The rest of their programme will be school-based.
 - In many cases students will have an individual learning plan tailored to meet their specific needs. This will be prepared by the Gateway Coordinator and the Gateway Administrator. Parents will be informed of any changes to a student's learning plan.
 - Queries regarding this programme can be directed to Mrs Grant, Gateway Coordinator, or Mrs Palmer, Gateway Administrator.
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EMPLOYMENT SKILLS – YEAR 12

CODE: EMS

NZQA Qualifications: NCEA Level 1 & 2; Unit Standards.

Prerequisites: Dean/TiC recommendation.

Course Length: full year **Class hours per fortnight:** 7.5 hours

COURSE DESCRIPTION

Employment Skills provides students with skills that are valuable in the workplace. Students build their confidence through practicing these skills in the classroom and by possible invitation to participate in the Gateway programme, in order to develop vocational pathways.

Other unit standards may be included as appropriate to the individual learner and their future career path.

This course offers an alternative pathway to gaining NCEA Level 1 literacy.

Standard	Vers.	Title	Lvl	Cr	Reading	Writing	Int or Ext	C I	M T	P I	S I	S C	C R
10781	5	Produce a plan for own future directions	2	3	N	N	Int						
24709	4	Produce a balanced budget for an individual	1	3	N	N	Int					R	
26622	3	Write to communicate ideas for a purpose and audience	1	4	N	N	Int						
26624	3	Read texts with understanding	1	3	N	N	Int						
26625	4	Actively participate in spoken interactions	1	3	N	N	Int						

Assessment: 10 unit standards, total 32 credits.

Course leads to: NCEA Level 1 or 2

Vocational Pathways					
Construction & Infrastructure	Manufacturing & Technology	Primary Industries	Service Industries	Social & Community	Creative Industries
C I	M T	P I	S I	S C	CR
R = Recommended			SR = Sector Recommended		

TRADES ACADEMY COURSES

CODE: STPR

NZQA Qualifications:	NCEA Level 2. Unit Standards.
Prerequisites:	Entry is by interview with Careers Advisor and Dean.
Course Length:	Full year.
Field Trips:	Students will be out of class one day each week and are taught the practical requirements by Toi Ohomai Institute of Technology.
Please Note:	Students will be provided with detailed course outline upon request.

Disciplines Offered: (subject to numbers and confirmation from Toi Ohomai)

Students can select up to 3 options from one of the pathways below. One option will be covered each term.

Primary Industries:

Agriculture – Learn to work with farm animals and practices, discovering why modern farms are multi-million dollar businesses

Forestry – One of our biggest industries, forestry offers a variety of outdoor careers, hi-tech machinery and an unmatched “office” environment.

Manufacturing & Technology/Construction & Infrastructure:

Carpentry – Gain hands-on practical experience as you get industry ready for a career in building.

Automotive – Get under the hood of cool cars and big vehicles, learning what makes them run.

Engineering – Figure out how big machines work, how to take them apart and put them together. Explore the world of careers this trade involves.

Social & Community Services:

Health & Wellbeing – Are you a people person? Learn to help others to be their best through social work or healthcare.

Early Childhood Learning & Care – A natural with kids? Discover how to help them learn in their most influential years of life!

Service Industries:

Tourism – Step into the world of hotel operations to start a hospitality and tourism career that can take you global.

Adventure Tourism – learn about guiding new faces through new adventures.

Food & Beverage – Coffee? Make yours a career to go when you hone your barista and café skills here.

Hair & Beauty – Explore the varied careers with hair and beauty with hands-on skills making people look good and feel even better!

Retail – Learn more about what it takes to work in a retail environment.

More details will be available in Term 3.



CAREERS GUIDANCE PROGRAMME

YEAR 12

AIMS:

Year 12 students will receive sufficient information gathering opportunities, resources, experiences and career appointments through their senior Whanau groups so that they are able to make informed decisions about subject selection and the transition from school to work, training or tertiary education.

IMPLEMENTATION:

Year 12 will complete much of their information gathering through Whanau groups.

- Year 12 – Bulls-eye online career planning tool.
- Subject selection with senior staff members completed on an individual basis.
- Individual career appointments – Year 12.
- Gateway Programme – structured workplace learning with unit standard assessment.
- Liaison visits from various institutions – Universities and Polytechnics.
- Modern apprenticeships presentations.
- Careers Website – www.careers.govt.nz
- Career Point – 0800 222 733.
- My Career – Careers Quest
- Careers Roadshow.
- Careers Expo – Rotorua and Taupo.
- JET Resources – Jobs, Education, Training resource.
- Vocational pathways presentations.

OUTCOMES:

Students in Years 12 will benefit from the Career Programme offered in the following ways:

- Identify their own vocational interest areas and personal attributes required for these.
- Have a clear personal career plan with goals.
- Develop a strategy aimed at achieving these goals. Prepare an action plan.
- Be prepared through subject selection with senior staff and knowledge of entry requirements to achieve these goals.
- Explore thoroughly career pathways and training opportunities for them as individuals.
- Have knowledge of the world of work they will be entering and projected change in the labour market.
- Know which information sources are reliable, up to date and available to them.

Useful Resources for Students, Parents and Caregivers

Mrs Kay Grant – Careers Advisor

Ms Hilary Graham – Guidance Counsellor

Career website at www.careers.govt.nz

Career Quest – networked through computer suites and learning resource centre

Career Point – 0800 222 733

Occupation Outlook – free app

NCEA Pal – free app

Student Centre – careers information and displays

Mrs Palmer – Gateway Administrator

Bulls Eye – Student reports

MyBlueprint – app – NCEA credits, diary and year planner

NCEA INFORMATION

- **How does NCEA work?**

Teachers will use standards to assess how well you perform in the different skills in a course. When you meet the standard, you'll earn credits towards the National Certificate in Educational Achievement.

- **How will I know which standards I'm entering for?**

Your teacher will tell you which standards are available for each course and how they'll be assessed. Standards are indicated in the Year 11, 12 and 13 course booklets. Credits from all of the achievement and unit standards you achieve count towards your NCEA.

Credits can count for other National Certificates too. Talk to your teacher to find out what other certificates are offered as part of your course.

- **How do students complete a qualification?**

NCEA levels and certificates

There are three levels of NCEA certificate, depending on the difficulty of the standards achieved. At each level, students must achieve a certain number of credits to gain an NCEA certificate. Credits can be gained over more than one year.

NCEA	Requirements
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Level 1	80 credits are required at any level (level 1, 2 or 3) including a minimum of 10 literacy credits and 10 numeracy credits. The literacy and numeracy standard pathways are shown in the year 11, 12 and 13 course booklets.
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Level 2	60 credits at level 2 or above. + 20 credits from any level. The Level 1 literacy and numeracy requirements must also be met.
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Level 3	60 credits at level 3 or above. + 20 credits from level 2 or above. The Level 1 literacy and numeracy requirements must also be met.
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Credits gained at one level can be used for (or count towards) more than one certificate. They may also be used towards other qualifications. For example, unit standards in the domain 'generic computing' might be used towards a Level 2 NCEA certificate, as well as towards a National Certificate in Computing (Level 2); or 20 credits gained at Level 1 can also count towards a Level 2 NCEA certificate.

NCEA ENDORSEMENTS

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. [The Record of Achievement](#) shows endorsement awards.

Credits earned can count towards an endorsement over more than one year and more than one level. However, they must be gained at the level of the certificate or above. For example, Level 2 credits will count towards endorsement of a Level 1 NCEA, but Level 1 credits will not count towards endorsement of a Level 2 NCEA.

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, and
- At least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards. Note, this does not apply to Physical Education and Level 3 Visual Arts.

A course endorsement is not a qualification. A course endorsement can be awarded even if a qualification for that level is not achieved. For example, a student may achieve a Merit endorsement for their Level 2 Mathematics course regardless of whether they achieve NCEA Level 2.

SUGGESTED SUBJECT GUIDE – Subjects Required/Preferred for Entrance to University

CAREERS	Required/Preferred Year 13 Subjects (useful subjects in brackets)
Accountancy	Acctg. (Stats, Calc, Eco, Eng/Hist. useful)
Agriculture/Agri Science	Physics, Chem, Bio, one of Calc or Stats (Geo useful)
Architecture	Physics (Wgtn only) (Calc/Stats, Art/Art-Design, Eng/Hist/Art Hist), Graphics
Art/Museum Conservator	Chem (Art Hist, Eng, Hist, Classics, Stats useful)
Aviation/Commercial Pilot	Calc, Phys (Acco or Eco useful), Chem
Biochemistry	Stats, Bio, Chem
Biological Sciences	Bio, Stats required, Chem preferred (Sci, Geo, Eng/Hist/Art Hist)
Broadcasting	Eng+ at least one of Classics/Hist/Art Hist/Econ/Geo
Building Science/Construction Management	Calc/Stats, Physics, Graphics (Sci, Eng/Hist)
Career/Trade Diplomat	Double degree preferable; (Career – Eng + Classics, Art Hist/Hist, (2 nd language)) (Trade – Eco, Acco, Stats, (Calc, 2 nd Language))
Commerce	See Accountancy, Eco, Mgmt, Tourism, Valuation, etc.
Computer Science/Technol.	Calc, Stats, Phys (Sci)
Criminology	Eng, Stats, plus at least one of Hist/Art Hist/Classics/Geo
Defence Studies	(Hist, Eng) Any broad scope
Design (Any)	Two of Art/Photo/Art-Design/Graphics, Eng/Art Hist/Classics
Dietetics/Nutrition	Bio/Chem, Stats + Eng/Hist/Classics
Ecology/Conservation	Stats, Bio (Geo, Chem, Sci, Eng/Hist)
Education	(All subjects useful)
Engineering (Professional)	Calc. Phys for all courses; Chem
Environmental Science	Stats, Bio, Chem, (Geo, Eng, Sci useful)
Fashion	Two of Art/Photo/Art-Design/Graphics/Art Hist/Classics, Eng
Finance	Eco, Stats (Calc, Acco, Eng/Hist/Art Hist/Classics)
Fine Arts	Art-Painting + one of Art-Design, Photo, Graphics, other Art Hist/Classics
Forensic Science	Bio, Chem, Stats (training only available at graduate level after a B.Sc.)
Forestry	Bio, Stats (Chem/Science, Geog/Hist/English, Calc useful)
Horticulture	Bio, Chem, Stats (Physics/Sci, Eng/Hist/Geo useful)
Hotel/Hospitality Mgmt	Eco or Acco (a foreign language useful, Stats)
Information Sciences	Calc, Stats, Physics
Journalism	Eng+ at least one of Classics/Hist/Art Hist/Econ/Geo
Landscape Architecture	At least one of Graphics/Art/Art-Design/Eng/Art Hist/Classics
Law	Eng + at least one of Hist/Classics/Art Hist/any Sci
Librarianship	Eng + at least one of Hist/Classics/Art Hist/Geo
Management	Stats + at least one of Eco/Acco (Calc)
Marine Science	Mix of Stats, Bio, Chem, Geo, Phys, Sci needed; (training only available at graduate level after a B.Sc.)
Mathematics	Calc, Stats
Media	Eng + at least one of Classics/Hist/Art Hist/Eco/ Geo
Med Lab Science	Stats, Bio, Chem (Phys, Eng/Hist/Art Hist/Classics/Geo useful)
Medicine	Must have Eng/Te Reo or Classics/Art Hist + Bio, Chem, Physics, Sta/Calc
Midwifery	Bio, Chem/Science, Stats, Eng/Classics/Art Hist, Chem preferred
Music	Music (Languages, English very useful, all others useful)
Nursing	Bio, Chem/Science, Stats, Eng/Classics/Art Hist
Occupational Therapy	(Stats, Chem, Bio, Science) Eng/Classic/Art Hist
Optometry	Chem, Bio, Stats, Phys (Eng/Hist/Art Hist/Classics, Art/Photo/Art Design)
Performing Arts	Eng+ one of Classics, Art Hist/Hist (2 nd language useful) Eng.
Pharmacy	Bio, Chem, Stats or Calc (Phys needed if applying to Otago)
Physical /Outdoor Education	(Stats, Bio, Geo, Eng/Hist/Classics useful) Chem
Physiotherapy	Stats, Bio, Chem/Sci Note: Bio, Chem, Physics for Otago)
Planning	Eco, Geog + Stats/Calc (Bio, Eng/Hist useful)
Plant Sciences	Stats, Chem Bio (Science)
Property	Eco, Stats (Calc, Acco, Eng/Hist also useful)
Psychology	Eng, Stats + at least one of Hist, Geo, Classics, Art Hist
Quantity Surveying	Stats/Calc, (Acco, Eng/Hist/Geo, Physics useful)
Radiology	Stats/Calc, Phys/Science (course requirements vary)
Social Work	Eng, Stats + at least one Hist, Geo, Classics, Art Hist
Soil Science	Chem, Stats and/or Calc (Phys, Geo)
Speech-Language Therapy	(All subjects useful)
Sports Coaching/Mgmt	(Eco/Acco, Stats useful) Eng/Art Hist/Classics, PE
Sports Science	Stats, (Bio, Chem, Sci useful) Eng/Classics
Statistics	Calc, Stats
Surveying (Land)	Calc, Phys, Geo (Stats, Eng also useful)
Teaching	Need to take subjects relevant to the type of teaching intended
Technology	Phys, Chem, + Calc/Stats (Bio needed for Bio/Food Env. Tech options)
Theology	(Eng, Hist, Classics, Art Hist, Geo)
Tourism	(Stats, Eco/Acctng, Geo, Eng/Hist/Art Hist/Classics)
Valuation	Eco, Stats (Calc, Acco, English/Geo/Hist/Art Hist/Classics)
Vet Science	Stats, Bio, Chem, Phys + Eng/Hist/Art Hist/Classics
Visual Arts	Art/Photo/Art-Design/Graphics/Eng/Art Hist
Wine Science	Stats, Chem (Bio, Geo, Sci useful)
Weather Science	Phys, Stats and/or Calc, Eng/Hist/Geog

Important Note: Always check the specific requirements of the institution you are applying to.

SUBJECT PROGRESSION YEARS 9 to 13

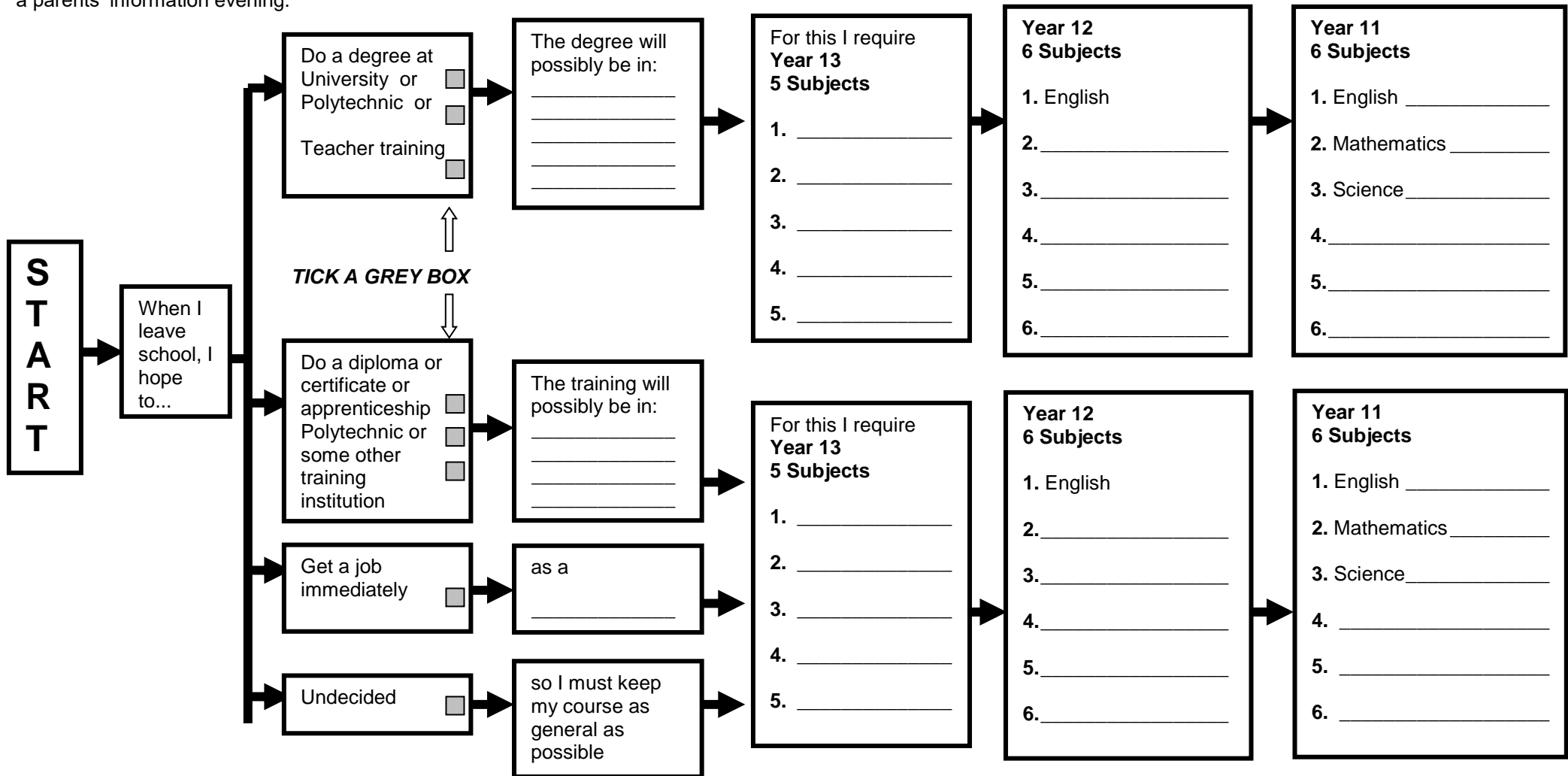
	Year 9	Year 10	Year 11	Year 12	Year 13
English & Languages	<u>English</u> French Spanish Japanese Introduction to Te Reo me ngā Tikanga Māori Te Reo me ngā Tikanga Māori	<u>English</u> French* Japanese* Te Reo Māori me ngā Tikanga Māori* Toi Whakaari Māori (Performing Arts)	<u>English 01* or English 02 or Communication Skills</u> French* Japanese* Te Reo Māori me ngā Tikanga Māori* Toi Whakaari Māori (Performing Arts)	<u>English 01* or English 02* or English 03*</u> French* Japanese* Te Reo Māori me ngā Tikanga Māori* Toi Whakaari Māori (Performing Arts)	English 01* or English 02* French* Japanese* Te Reo Māori me ngā Tikanga Māori* Media Studies*
Mathematics	<u>Mathematics</u>	<u>Mathematics</u>	<u>Mathematics 01* or Mathematics 02* or Mathematics 03 or Mathematics 04</u>	Mathematics for Engineering and the Physical Sciences* Mathematics for Social and Health Sciences* Mathematics for Numeracy*	Calculus* Statistics Mathematics
Health & Physical Education	<u>Life Skills</u> <u>Physical Education</u> Outdoor Education	<u>Life Skills</u> <u>Physical Education</u> Learning through Sport Skill Development in the Outdoors Risk in the Outdoors	Health Physical Education Sport & Outdoor Education	Health Physical Education* Sport & Recreation* High Performance Programme* Services Preparation*	Health* Physical Education* Sport & Recreation* Outdoor Education & Leadership High Performance Programme* Services Preparation*
Science	<u>Science</u>	<u>Science</u> Science – Further Exploration	<u>Science (01)* or Science (02)* or Science (03)* or Agricultural Science</u> Food Science	Biology* Chemistry* Physics* Farming Skills* Environmental Action	Biology* Chemistry* Physics* Farming Skills*
Social Sciences	<u>Social Studies</u>	<u>Social Studies</u> Social Studies – Further Exploration	Accounting* Economics Geography* History*	Accounting* Economics* Enterprise Studies* Geography* Classical Studies* History* Tourism*	Accounting* Economics* Enterprise Studies* Geography* Classical Studies* History* Tourism*
Technology	Digital Technologies Food and Nutrition Resistant Materials – Metal & Design and Visual Communication Resistant Materials – Wood & Design and Visual Communication Textile Materials & Design and Visual Communication	Design and Visual Communication Digital Technologies Master Food Cultural Food Resistant Materials – Metal Resistant Materials – Wood Textile Materials	Design and Visual Communication Digital Technologies Hospitality* Food Technology and Nutrition* Engineering* Resistant Materials - Wood Textile Materials	Design and Visual Communication Digital Technologies 01* or Digital Technologies 02* Hospitality Food and Nutrition* Driver Education* Engineering* Resistant Materials - Wood Textile Materials	Design and Visual Communication* Digital Technologies 01* or Digital Technologies 02* Food Technology Hospitality Engineering/ Automotive* Carpentry / Joinery* Textiles Materials
The Arts	Visual Arts Drama Music Dance	Visual Arts (drawing towards painting) Visual Arts (drawing towards design) Drama Musical Theatre Music Performance with Technology Music Performance with Theory Dance	Visual Arts* Drama* Making Music* Enhanced Performance Dance*	Visual Arts maximum 2 From - Design* or Painting* or Photography* Drama* Music* Enhanced Performance Dance*	Visual Arts maximum 2 From - Design* or Painting* or Photography* Drama* Music* Enhanced Performance Dance*
Other	ALP – Literacy Programme ELP – Enhanced Learning Project Based Learning	ELP – Enhanced Learning Programme	Gateway Employment Skills* Project Based Learning	Gateway Employment Skills* Trades Academy	Gateway Trades Academy

Underlined subjects are compulsory. * These subjects require a prerequisite – see Teacher in Charge of subject for exemption. In Year 13 students studying Hospitality, Tourism or Trades will have Gateway placements offered as part of their programme. Gateway is NOT a subject but integral to a student’s school programme. There is a selection process for students seeking Gateway in Years 11, 12 and 13.

TAUPO-NUI-A-TIA COLLEGE : COURSE PLANNING SHEET

STUDENT NAME **TUTOR GROUP**.....

If you are in Year 11 or 12 enter the subjects you are currently studying, or studied last year.
 Over the next few weeks you must fill in this sheet in consultation with your parents and bring it with you to your course selection interview.
 At the interview you will make choices about the subjects you wish to study next year. There will be an opportunity for you and your parents to discuss your choices at a parents' information evening.



Please Note: Students will need to make another subject choice where clashes occur and/or where course numbers are low (i.e. the subject cannot run).
 Students will receive a course confirmation letter in Term 4.