



TAURAROA AREA SCHOOL

YEAR 12
STUDENT HANDBOOK
2017

Vocational Pathways <http://youthguarantee.net.nz> provide new ways to achieve NCEA Level 2 – the foundation for success in further education and the world of work. Year 11 and NCEA Level 1 are the foundation for these choices.

Plan YOUR journey from learning to earning.

- Achieve qualifications and skills that are valued by employers.
- Create a learning pathway that leads to further education and work.
- Identify where the jobs are and plan how to get there.

The Vocational Pathways provide a flexible new way to achieve NCEA qualifications and see how your achievements match up to job possibilities in 6 broad sectors of industry:

- [Primary Industries](#)
- [Services Industries](#)
- [Social & Community Services](#)
- [Manufacturing & Technology](#)
- [Construction & Infrastructure](#)
- [Creative Industries](#)

Appointments can be made with our Careers Education Manager/Year 12-13 Dean, Ms Allison McKellar and/or, Mrs Sue Howes, the Deputy Principal Year 11-13 to discuss possible choices. Make sure you have checked exactly what you need for your career pathway. If you are not sure about what that is yet then the best plan is to be the 'best you can be' and keep your selection broad, make the most of your skills and follow your passion. Achieving Level 2 is seen as a minimum requirement for all school leavers.



English is compulsory; students need to select a further **5 subjects BUT must list them in order of preference** (most important first and so on). Our focus will be high quality credits with increased numbers of Merit and Excellence. Courses will be confirmed following the choices made by students.

The bar below each subject has been colour coded according to the possible pathways (see the diagram above and go the website to explore it further) to help with your selections.

University Entrance – students require at least 10 Level 2 literacy credits (5 in Reading and 5 in Writing) to meet the basic requirement. Where these credits are available in Level 2 courses is identified on each subject page. Literacy (R & W) at Level 2 is not just the domain of English. From 2016 Auckland University expects students to have 17 credits in Level 2 English.

We build the timetable around the needs of the students so make sure your choices are carefully considered. Where numbers are not sufficient some classes may not run.

12 English

Level 2

Service Industries	Social & Community Services	Manufacturing & Technology	Construction & Infrastructure	Primary Industries	Creative
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Prerequisites (what you need to be able to do or have achieved for entry to this course): You must have at least 14 credits in Level 1 English, 2 must be from an external exam, and be intending to complete a full year of study in Year 12 or by teacher negotiation.

Standard # & version #	Title	Uni entrance Read/Write	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
AS 91102 v2	Construct and deliver a crafted and controlled oral text	No	3	Internal	Speech transcript, oral performance
AS 91101 v2	Produce a selection of crafted and controlled writing	No/Yes	6	Internal	Bring two pieces of writing to publication standard
AS91104 v2	Analyse significant connections across texts, supported by evidence	No	4	Internal	Written, oral or visual report
AS 91106 v2 2.9	Form developed personal responses to independently read texts, supported by evidence	Yes/No	4	Internal	Written reports
AS 91107 v2	Analyse aspects of visual and /or oral text(s) through close viewing and/or listening, supported by evidence	No	3	Internal	Written report
AS91098 v3	Analyse specified aspect(s) of studied written text(s), with supporting evidence.	Yes/Yes	4	External	External Exam
AS 91100 v2 2.3	Analyse specified aspects of unfamiliar written texts through close reading, using supportive evidence.	Yes/Yes	4	External	External Exam
AS 91099 v3 2.2	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence.	No/Yes	4	External	External Exam

**To gain entry into Level 3 English, students will need to gain 14+ credits in English at NCEA Level 2, including at least one external units.*

12 Practical English Level 2

Service Industries	Social & Community Services	Manufacturing & Technology	Construction & Infrastructure	Primary Industries	Creative
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Prerequisites (what you need to be able to do or have achieved for entry to this course): You must have at least 9 credits in Level 1 English and be intending to complete a full year of study in Year 12.

Standard # & version #	Title	Uni entrance Read/Write	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
US 1294 v6	Be interviewed in a formal interview	No	2	Internal	Interview, open book assignment
US 3488 v5	Write business correspondence for a workplace	No	3	Internal	Open book test
US 7121 v5	Demonstrate skills to search, access and select information	No	2	Internal	Open book test
US 10781 v5	Produce a plan for own future directions	No	3	Internal	Open book test
US 12383 v5	Explore career options and their implications	No	3	Internal	Open book test
AS 91102 v2	Construct and deliver a crafted and controlled oral text	No	3	Internal	Speech transcript, oral performance
AS91100 v2	Analyse specified aspects of unfamiliar written texts through close reading, using supportive evidence.	Yes/Yes	4	External	External Exam
AS91099 v3	Analyse specified aspect(s) of visual and/or oral text(s), supported by evidence.	No/Yes	4	External	External Exam

**To gain entry into Level 3 English, students will need to gain 14+ credits in English at NCEA Level 2, including at least two external units. Course costs and gear essentials: None*

Biology

Level 2

Social & Community Services	Primary Industries
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Prerequisites (what you need to be able to do or have achieved for entry to this course):

Achieved 90948 Demonstrate understanding of biological ideas relating to genetic variation.

Standard # & version #	Title	Uni entrance Read/Write	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
91158 v2	Investigate a pattern in an ecological community with supervision	-	4	Int.	Field Trip and Report
91156 v2	Demonstrate understanding of life processes at cellular level	-	4	Ext.	Exam
91160 v2	Investigate biological material at the microscopic level	-	3	Int.	Practical and Report
91153 v2	Carry out a practical investigation in a biological context, with supervision	-	4	Int.	Practical and Report
91157 v2	Demonstrate understanding genetic variation and change	-	4	Ext.	Exam

Course costs and gear essentials: Biozone Workbook \$29, Field Trip \$10

Chemistry

Level 2

Service Industries	Social & Community Services	Manufacturing & Technology	Primary Industries	Creative
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Prerequisites (what you need to be able to do or have achieved for entry to this course): At least 15 credits in Level 1 Science

Standard # & version #	Title	Uni entrance Read/Write	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
AS 91162 v2	Carry out procedures to identify ions present in solution	-	3	Internal	Practical and test
AS 91161v2	Carry out quantitative analysis	-	4	Internal	Practical and test
AS 91164 v2	Demonstrate understanding of bonding, structure, properties and energy changes	-	5	External	Examination
AS 91166 v2	Demonstrate understanding of chemical reactivity	-	4	External	Examination
AS 91167 v2	Demonstrate understanding of oxidation-reduction	-	3	Internal	Test
AS 91165 v2	Demonstrate understanding of the properties of selected organic compounds	-	4	External	Examination

Course costs and gear essentials: Chemistry workbook \$17, scientific calculator.

Drama

Level 2

Service Industries	Creative
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Standard # & version #	Title	Uni entrance Read/Write	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
91213 v2	Apply drama techniques in a scripted context	Yes/No	4	Internal	Practical performance and logbook
91214 v2	Devise and perform a drama to realise an intention	-	5	Internal	Practical performance logbook and devising process: group mark.
91218 v2	Perform a substantial acting role in a scripted production	Yes/No	5	Internal	Practical performance logbook and production process
91217 v2	Discuss a drama theatre form or period with reference to a text	Yes /No	4	External	Examination
91219 v2	Discuss drama elements, techniques, conventions and technologies within live performance	No/Yes	4	External	Examination
27699-704	Various Technology units. To be confirmed by the students	-	2-4	Internal	Depends on the unit

Geography

Level 2

Service Industries	Social & Community Services	Construction & Infrastructure	Primary Industries	Creative
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Prerequisites (what you need to be able to do or have achieved for entry to this course): Must have achieved 4 external credits and 9 internal credits in Level 1 Geography. If new to the subject must have achieved at least 4 Level 1 external English credits and NCEA Level 1 overall. Need to have an interest in the world around us and how people affect it and how nature affects us.

Standard # & version #	Title	Uni entrance Read/Write.	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
91241 v2	Demonstrate geographic understanding of an urban pattern	No	3	Internal	Field trip Follow up tasks in class
91244 v2	Conduct geographic research with guidance student selected topic	No	5	Internal	Field trip Group data gathering Own research report
91245 v2	Explain aspects of a contemporary New Zealand geographic issue. – student selected topic	No	3	Internal	Open book tasks
91246 v2	Explain aspects of a geographic topic at a global scale - student selected topic	No	3	Internal	Open book handwritten assessment task
Either 91242 v2	Demonstrate geographic understanding of differences in development	Yes/Yes	4	External	External exam
or 91243 v2	Apply geography concepts and to demonstrate understanding of a given environment	No	4	External	External exam

Course costs and gear essentials: Coloured pencils, pencil, eraser, pencil sharpener, ruler, highlighters glue and scissors.
Retain the Geo 1.4 workbook.
Field trip in Term 1 to Auckland with travel costs.

Graphics and Design

Level 2

Manufacturing &
Technology

Creative

Prerequisites (what you need to be able to do or have achieved for entry to this course):
Successful completion of Level 1 or approval by Level 2 teacher.

Standard # & version #	Title	Uni entrance Read/Write	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
AS91342 v3	Develop a product design through graphics practice	-	6	Internal	Folio of work
AS91340 v3	Use the characteristics of a design movement or era to inform own design ideas	-	3	Internal	Folio of work
AS91343 v3	Use visual communication techniques to compose a presentation of a design	-	4	Internal	Digital presentation
AS91370 v3	Implement advanced procedures to produce a specified digital media outcome	-	4	Internal	Digital design and logbook
AS91339 v3	Produce instrumental perspective projection drawings to communicate design ideas	-	3	External	Folio – Architectural drawings

Cost: Costs generated by student's design

Health

Level 2

Service Industries	Social & Community Services	Primary Industries
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Prerequisites (what you need to be able to do or have achieved for entry to this course):

Must have Achieved Health at Level 1 and demonstrated an interest in the learning of the subject.

Standard # & version #	Title	Uni entrance Read/Write	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
91235 v2	Analyse an adolescent health issue	-	5	External	November exam
91236 v2	Evaluate factors that influence people's ability to manage change	-	5	Internal	Written assessment
91237 v2	Take action to enhance aspects of a person's wellbeing within the school or wider community	-	5	Internal	Written assessment
91238 v2	Analyse an interpersonal issue(s) that places personal safety at risk	-	4	External	November exam
91239 v2	Analyse issues related to sexuality and gender to develop strategies for addressing the issues.	-	5	Internal	Written assessment

Course costs and gear essentials:

Health work book and clear file for notes and handouts.

Hospitality

Service Industries

Level 2

These are Industry Training assessments and do not meet the requirements for Literacy or Numeracy for NCEA or University Entrance.

Prerequisites (what you need to be able to do or have achieved for entry to this course): You must achieve Unit standard 167 Practice food safety methods in a food business in Term 1 to be able to enter all other Hospitality Level 2 units.

Standard # & version #	Title	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
167 v6	Practice food safety methods in a food business	4	Internal	Practical and closed book test
13271 v3	Cook food items by frying	2	Internal	Practical and closed book test
13276 v 3	Cook items by grilling	2	Internal	Practical and closed book test
13278 v3	Cook food items by roasting	2	Internal	Practical and closed book test
13280 v3	Prepare fruit and vegetable cuts	2	Internal	Practical and closed book test
13281 v4	Prepare and present basic sandwiches for service.	2	Internal	Practical and closed book test
13283 v3	Prepare and present salads for service	2	Internal	Practical and closed book test

13285 v3	Handle and maintain knives in a commercial kitchen	2	Internal	Practical and closed book test
14425 v7	Prepare and serve hot and cold non-alcoholic drinks in a commercial hospitality establishment	2	Internal	Practical and closed book assessment
17285 v6	Demonstrate knowledge of espresso coffee equipment	4	Internal	Course at NorthTec
17286 v4	Prepare and present pressed coffee for service	2	Internal	
17287	Prepare and present filtered coffee for service	2	Internal	

Course costs and gear essentials:

Food – ingredients are provided for practical assessments \$100.

Workbooks and assessment books are provided. \$36 for each set (two sets required)

Plus a single unit book for the hot and cold beverages unit at \$10

The first 8 unit standards are taught at school.

Students are eligible to achieve two certificates of achievement on completion of these.

Maths/Stats A Level 2

Service Industries	Social & Community Services	Manufacturing & Technology	Construction & Infrastructure	Primary Industries	Creative
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Prerequisites (what you need to be able to do or have achieved for entry to this course):

Students will need to have a minimum of 18 Level1 Maths credits including passes in the following Level 1 NCEA Standards: 90126, 91027, 91208.

Standard # & version #	Title	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
91259 v2	Apply Trigonometric Relationships in solving Problems	3	Internal	Practical/Exam
91256 v2	Apply Co-ordinate Geometry methods in solving Problems	2	Internal	Exam
91261 v2	Apply Algebraic methods in solving Problems	3	External	Exam
91257 v2	Apply graphical methods in solving problems	4	Internal	Exam
91258 v2	Apply Series and Sequences in solving Problems	2	Internal	Exam
91269 v2	Apply Systems of Equations in solving Problems	2	Internal	Exam
91262 v2	Apply Calculus methods in solving Problems	5	External	Exam

Course costs and gear essentials:

- Casio fx-82AU Calculator
- ESA Homework Books (approx. \$25)

Maths/Stats B

Level 2

Service Industries	Social & Community Services	Manufacturing & Technology	Construction & Infrastructure	Primary Industries	Creative
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Prerequisites (what you need to be able to do or have achieved for entry to this course):

Students will need to have a minimum of 18 Level 1 Maths credits including passes in the following Level 1 NCEA Standards: 90126, 91032, 91030.

Standard # & version #	Title	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
91259 v2	Apply Trigonometric Relationships in solving Problems	3	Internal	test
91256 v2	Apply Co-ordinate Geometry methods in solving Problems	2	Internal	test
91258 v2	Apply Series and Sequences in solving Problems	2	Internal	test
91263 v2	Design a questionnaire	3	Internal	Produce a Report
91268 v2	Investigate a situation using a simulation	2	Internal	Produce a Report
91260 v2	Apply network methods in solving problems	2	Internal	Test
91267 v2	Apply Probability methods in solving Problems	4	External	Exam

Course costs and gear essentials:

Each student requires a Casio FX82 AU calculator. ESA Learning Workbooks \$25

Music

Level 2

Creative

Prerequisites (what you need to be able to do or have achieved for entry to this course): Must have passed Level 1 solo and group performance and one other Level 1 music standard.

Standard # & version #	Title	Uni entrance Read/Write	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
91270 v2	Perform two substantial pieces of music as a featured soloist		6	Internal	Performance evening
91271 v2	Compose two substantial pieces of music		6	Internal	Submission of work
91272 v2	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group		4	Internal	Performance at assembly
91274 v2	Perform a substantial piece of music as a featured soloist on a second instrument		3	Internal	Performance evening
91278 v2	Investigate an aspect of New Zealand music		4	Internal	Submission of report

Course costs and gear essentials: Must take private or itinerant music lessons on their chosen instrument during the year. Guitarists must supply own picks, FX pedals and leads if required. Students are expected to contribute to Co-curricular music.

Physical Education Level 2

Service Industries	Social & Community Services	Creative
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Prerequisites; Must have achieved at least 14 internal credits in Level 1 Physical Education, including AS 1.2.

Course description; This course will consist of a **selection** of the below Achievement Standards combining to a minimum of 17 Level 2 credits.

Special considerations; PE Units require written and physical tasks. Students' written work and participation in physical activity must reflect each other to achieve each standard.

Standard # & version #	Title	Uni entrance Read/Write	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
91327 v2	Examine the role and significance of physical activity in the lives of young people in New Zealand	-	3	Internal	TBA Written
91829 v2	Demonstrate understanding of the application of biophysical principles to training for physical activity	-	4	Internal	Personal Training Practical and Written
91330 v2	Perform a physical activity in an applied setting	-	4	Internal	Athletics or Tough Guy/Gal Practical
91333 v2	Analyse the application of risk management strategies to a challenging outdoor activity	-	3	Internal	Surfing Practical and Written
91334 v2	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	-	3	Internal	Mixed Practical
91335 v2	Examine the implementation and outcome(s) of a physical activity event or opportunity	-	3	Internal	TBA Written
91328 v2	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	-	5	Internal	Badminton Practical and Written

Course costs and gear essentials: Physical activity appropriate clothing, exercise book and clear leaf file for handouts. Students taking this course of study must also be aware that there will be two outdoor activities off site which will have a cost involved.

Physics

Level 2

Social & Community Services	Manufacturing & Technology	Construction & Infrastructure	Primary Industries	Creative
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Prerequisites (what you need to be able to do or have achieved for entry to this course):

Passed Level 1 Physics credits in the Year 11 Science exams.

Standard # & version #	Title	Uni entrance Read/Write.	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
91171 v2	Demonstrate understanding of mechanics	-	6	External	Exam
91169 v2	Demonstrate understanding of physics relevant to a selected topic	-	3	Internal	Report
91172 v 2	Demonstrate understanding of atomic and nuclear physics	-	3	Internal	Report
91168 v2	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	-	4	Internal	Practical Exam
91173 v2	Demonstrate understanding of electricity and electromagnetism	-	6	External	Exam

Workbook required : approx. \$29

Technology - Hard Materials

Level 2

Manufacturing & Technology	Construction & Infrastructure	Creative
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Prerequisites (what you need to be able to do or have achieved for entry to this course):
Successful completion of Level 1 or approval by Level 2 teacher.

Course description; This course will consist of a selection of the standards listed below combining to a minimum of 18 Level 2 credits.

Standard # & version #	Title	Lit. / Num.	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
AS91351 v3	Implement advanced procedures to process a specified product	-	4	Internal	Report and Models
AS91344 v3	Implement advanced procedures using resistant materials to make a specified product with special features	-	6	Internal	Practical work over the year
AS91358 v2	Demonstrate understanding of how technological modelling supports risk management		4	External	Report And Models
US 12927 v3	Identify, select, maintain and use hand tools for BCATS projects		6	Internal	Practical work over the year and task sheet

Course costs and materials: Cost of student's take home items \$20 +

Visual Art - Painting

Level 2



Prerequisites (what you need to be able to do or have achieved for entry to this course):

Level 1 Painting or a practical submission to the Head of Visual Art

Standard # & version #	Title	Uni entrance Read/Write	Credit value	Mode (Int/Ext)	Method (eg test, practical, exam.)
AS91311 v2	Use drawing methods to apply knowledge of conventions appropriate to painting	-	4	Internal	Practical
AS91316 v2	Develop ideas in a related series of drawings appropriate to established painting practice	-	4	Internal	Practical
AS91321 v2	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	-	12	External	Practical

Course costs and gear essentials: personal Art materials

GATEWAY/ WORK EXPERIENCE

All students from Year 11 up are eligible to participate in the Gateway work experience programme. This allows students the opportunity to spend one a day a week in a workplace to gain an understanding of that particular career or work in general. Students must attend a minimum of ten days in the workplace and be prepared to complete unit standard assessments.

Students will be expected to maintain a high standard of behaviour and to demonstrate that they are catching up on work missed in the classroom while at work experience. Interested students should collect a Gateway Information Pack from the Gateway Coordinator (Mrs Saunt) and return the appropriate forms with their option sheet.

VOCATIONAL PRIMARY INDUSTRIES COURSE

This is a separate Trades Academy-based course for identified students planning on a future in the farming / horticulture industry. Students will complete a one year programme leading to NCEA Level 2 and the Certificate in Agriculture (General Skills) Level 2. If you think this course may suit you then contact Mr Hill directly.

OTHER COURSES

Other courses are available through Farnet, an e-Learning school or the Te Aho O Te Kura Pounamu (New Zealand Correspondence School) and other Providers for students with a particular interest. Students wishing to study through Farnet or Te Kura courses must have their own appropriate device

e.g. laptop/Chrome book/tablet. Students can discuss these with Mrs Howes and/or Ms McKellar, the Careers Manager, Year 12/13 Dean.

There will be an interview process to complete successfully for students wishing to join STAR/Gateway funded courses. Students will need to have demonstrated good independent work habits in Year 11, be working at appropriate Literacy and Numeracy levels and have achieved the 497 Health & Safety in the Workplace standard at the start of Term 1 2016.