Waihi College



Senior NCEA Level One, Two and Three

Subject Information

2016

Contents…

The following pages will list out all the options that students are able to select at NCEA Level One at Waihi College. Each page will hold information on the core elements of each option.

All of the subjects are hyperlinked – *you only need to click on them you will be taken to the right page. Each page has a return hyperlink to bring you back to this page.*

[Introduction](#Introduction)

[Helpful Website Links](#HelpfulWebLinks)

[Explanation of NCEA](#ExplanationofNCEA)

[Example of NCEA Certification](#CertificateofNCEA)

[Example of NCEA Record of Achievement](#RecordofAchievement)

[Passing NCEA](#PassingNCEA)

[NCEA Endorsement](#NCEAEndorsement)

[Vocational Pathways](#VocationalPathway)

[Gateway](#Gateway)

[University Entrance](#UniversityEntrance)

NCEA Level One Courses -

[Accounting](#Accounting)

[Advanced English](#AdvancedEnglish)

[Advanced Mathematics](#AdvancedMaths)

[Agricultural Science](#AgricultureScience)

[Agricultural Skills](#AgricultureSkills)

[Art Painting](#Painting)

[Art Photography](#Photography)

[Building and Construction](#Building)

[Computer Programming](#ComputerProgramming)

[Drama](#Drama)

[English](#English)

[Economics](#Economics)

[Geography](#Geography)

[Graphics](#Graphics)

[Health Education](#HealthEducation)

[History](#History)

[Home Economics](#Food)

[Horticulture](#Horticulture)

[Literacy](#Literacy)

[Maori](#Maori)

[Mathematics](#Mathematics)

[Media Design](#MediaDesign)

[Music](#Music)

[Numeracy](#Numeracy)

[Orchard Management](#OrchardManagement)

[Outdoor Education](#OutdoorEducation)

[Photography](#Photography)

[Painting](#Painting)

[Physical Education](#PhysicalEducation)

[Product Design](#ProductDesign)

[Science](#Science)

[SPEC (employment skills)](#Spec)

[Sports Education](#SportsEducation)

[Textiles](#Textiles)

NCEA Level Two Courses -

[Accounting](#L2Accounting)

[Advanced English](#L2AdvancedEnglish)

[Advanced Mathematics](#L2AdvancedMathematics)

[Agriculture Skills](#AgricultureSkills)

[Automotive](#L2Automotive)

[Biology](#L2Biology)

[Building and Construction](#L2BuildingandConstruction)

[Catering](#L2Catering)

[Chemistry](#L2Chemistry)

[Childcare](#L2Childcare)

[Drama](#L2Drama)

[English](#L2English)

[English Skills](#L2EnglishSkills)

[Fitness/Weight Training](#L2FitnessWeight)

[Geography](#L2Geography)

[Graphics](#L2Graphics)

[Health Education](#L2HealthEducation)

[History](#L2History)

[Horticulture](#L2Horticulture)

[Maori](#L2Maori)

[Mathematics](#L2Mathematics)

[Media Design](#L2MediaDesign)

[Music](#L2Music)

[Outdoor Education](#L2OutdoorEducation)

[Photography](#L2Photography)

[Painting](#L2ArtPainting)

[Physical Education](#L2PhysicalEducation)

[Product Design](#L2ProductDesign)

[Physics](#L2Physics)

[SPEC (employment skills)](#L2SPEC)

[Sports Education](#L2SportsEducation)

[Sustainability](#L2Sustainability)

[Tools For Work](#L2Toolsforwork)

[Travel & Tourism](#L2TravelandTourism)

[Textiles](#L2Textiles)

[Urban Farming](#L2UrbanFarming)

NCEA Level Three Courses -

[Accounting](#L3Accounting)

[Agriculture](#L3Agriculture)

[Biology](#L3Biology)

[Building and Construction](#L3BuildingandConstruction)

[Calculus](#L3Calculus)

[Catering](#L3Catering)

[Classics](#L3Classics)

[Chemistry](#L3Chemistry)

[Childcare](#L2Childcare)

[Drama](#L3Drama)

[Ecological Studies](#L3Ecological)

[English](#L3English)

[English Skills](#L2EnglishSkills)

[Geography](#L3Geography)

[Graphics](#L3Graphics)

[Health Education](#L3HealthEducation)

[History](#L3History)

[Media Design](#L3MediaDesign)

[Music](#L3Music)

[Outdoor Education](#L3OutdoorEducation)

[Photography](#L3Photography)

[Painting](#L3Painting)

[Physical Education](#L3PhysicalEducation)

[Physics](#L3Physics)

[SPEC (employment skills)](#L3SPEC)

[Statistics](#L3Statistics)

[Technology](#L3Technology)

[Textiles](#L3Textiles)

[Travel and Tourism](#L3Travelandtourism)

Introduction [*Return To Contents*](#Contents)

The following materials can be used by parents and students to better understand the structure and make up of each of the learning areas (subjects) being offered here at Waihi College in 2016. We believe that making good informed decisions about your programme of work is vital.

A really good place to start when making your selections on which learning areas you will choose is to talk with your teachers. You ideally will have a good idea of where you’d like your life to go once you have left school. There are many sources of good information that you can link with to help inform your choices.

Whilst no individual school is able to guarantee that you will be able to select all the areas you would like, here at Waihi College you will be able to access classes typically offered in most New Zealand High Schools. For those students unable to select an option there is the possibility of joining an online learning community/class.

The more carefully you make your selections as a student the more likely it is that you will have a stimulating, engaging and challenging timetable in 2016.

Helpful Links

[](http://youthguarantee.net.nz/vocational-pathways/students-and-whanau/)[](http://www.careers.govt.nz/)There has been a concerted effort by the Ministry of Education to better provide information to our students on the vocational pathways and career choices. Here are some of the key websites that you can go to and be better informed. (*click logos to follow links to websites*)

[](http://www.studyit.org.nz/)

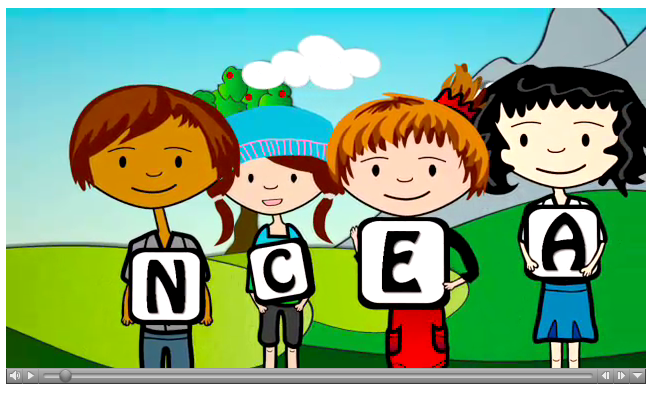
Explanation of NCEA [*Return To Contents*](#Contents)

NCEA stands for National Certificate of Educational Achievement. It is the formal qualification of New Zealand secondary educational system. NCEA has been around since 2002 and replaced School Certificate, Sixth Form Certificate and Bursary.

Throughout the year students will work to accumulate credits towards NCEA at levels One, Two and Three. These roughly follow, but not necessarily exclusively, to year’s 11, 12 and 13. At the end of each year students will be, provided they met the minimum requirements (see below), an actual qualification certificate. [*Here is an example of what an NCEA Certificate looks like*](#CertificateofNCEA)*…*

Students will also be sent a record of results from the year. This will show the actual standards and the results that the student achieved in each standard. [*Here is an example of what the NCEA Record of Results looks like*](#RecordofAchievement)*…*

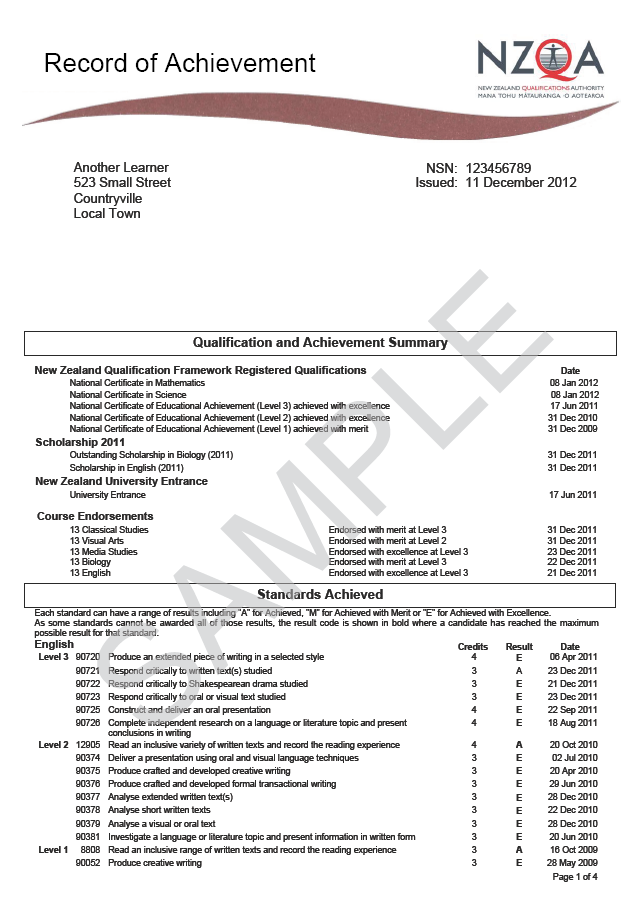
Here is a link to a promotional video explaining the basics of NCEA *(click image to follow link)*...

[](http://www.nzqa.govt.nz/assets/qualifications-and-standards/qualifications/ncea/Understanding-NCEA/How-NCEA-works-animation-English.mp4)

Certificates from NCEA [*Return To Contents*](#Contents)

As the student progresses through their senior years at high school they will accumulate accreditation towards their NCEA certificate. Here is an example of what one certificate looks like.

To be awarded NCEA Level One a student will need to have a minimum of 80 credits (note credits from level two or three will count if needed). The Level One qualification will also need to have evidence that the student has minimal language and computation skills. As such the NCEA Level One qualification needs to have ten credits in ‘Numeracy’ and another ten credits in ‘Literacy’. *Numeracy and Literacy are not necessarily gained in Mathematics and English.*

Record of Achievement

Additional every student will also be awarded a Record of Achievement. This is a transcript of all the passing results that have been accumulated over their studies. Here is an example of what a Record of Achievement looks like.

You can see that it begins with the overall qualifications (NCEA Levels One, Two and Three). There is acknowledgement of any overall endorsements. There is also course endorsement information.

Finally there is a list of all the passing standards and grades (and dates of passing) that the student has sat.

This Record of Achievement is a significant document and extends over many pages. Here is a link to see the [full example](http://www.nzqa.govt.nz/assets/qualifications-and-standards/Results/Sample-ROA.pdf) for an example student who has gone through all three levels of NCEA.

Passing NCEA [*Return To Contents*](#Contents)

It is important that students know what is expected for them to get through.

The [statistics](http://www.nzqa.govt.nz/assets/About-us/Publications/stats-reports/ncea-annualreport-2012.pdf) are that across all of New Zealand School the following pass rates exist for NCEA…

* 79% of all students in Year 11 will gain Level One in that year.
* 84% of all students in Year 12 will gain Level Two in that year.
* 76% of all students in Year 13 will gain Level Three in that year.

It is widely considered that the minimum school qualification any student needs is to have NCEA Level Two.

The key ingredients are…

1. Good attendance (be in the right place at the right time).
2. Good work attitude (be in class with the right gear and ready to learn).
3. Good organisation (have assignments ready and in on time *&* prep up for any test/exams).
4. Good timetable selection (picking subjects that are your strengths and engage you).
5. Good balance in life (not too much sport/socialising/part time work).
6. Good communication (seek help early it is available for you).

NCEA Endorsement [*Return To Contents*](#Contents)

To encourage and reward students to gain Merit or Excellence grades NCEA has formal acknowledgement in its qualification for students to be endorsed. To gain an endorsement is a prestigious result. In order for a student to gain an overall endorsement at any level of NCEA they will need to have at least 50 credits.

That is if they were to have 50 or more ‘Excellence’ credits at level one they will pick up the qualification of “NCEA Level One achieved with Excellence”. If the student was to have say 50 or more ‘Excellence and Merit’ credits then they’ll be endorsed “NCEA Level One achieved with Merit”.

Approximate numbers of students gaining endorsement…

* At Level One between 27-35% of all students gain endorsement with Merit, and, between 7-15% of all students gain endorsement with Excellence. At decile three 11-21% Merit and 2-5% Excellence.
* At Level Two between 19-26% of all students gain endorsement with Merit, and, between 5-12% of all students gain endorsement with Excellence. At decile three 6-14% Merit and 1-4% Excellence. *It is harder to gain endorsement at Level Two.*
* At Level Three between 20-24% of all students gain endorsement with Merit, and, between 5-8% of all students gain endorsement with Excellence. At decile three 8-10% Merit and 1-3% Excellence.



The value of gaining an endorsement can be reflected financially by the automatic scholarship offered by Waikato University to all school leavers. They offer two scholarships call; “[Waikato Academic Merit School Leavers Scholarship](http://www.waikato.ac.nz/research/scholarships/pdf/UoWAcademicMeritSLScholarshipRegs.pdf)” valued at $3000 *for those endorsed Level Three with Merit. And the “*[Vice Chancellors Academic Excellence School Leavers Scholarship](https://www.waikato.ac.nz/research/scholarships/pdf/VCAcademicExcellenceSLScholarshipRegs.pdf)” valued at $5000.

A subject endorsement can be gained in a calendar year in any specific subject. This is done by gaining 14 or more credits (including at least 3 credits externally) at Merit/Excellence.

Vocational Pathways [*Return To Contents*](#Contents)

The Ministry of Education and NZQA have created a highly engaging and useable set of resources called Vocational Pathways. They can best be described as a planned method of getting the skills and experiences that will best get you into a future job.

Students that know what they want to be in life generally find subject selection an easier process – they pick subjects that are best suited to their pathway. If you are not sure of what career/job/vocation you would like a great place to start is the [Careers](http://www.careers.govt.nz/) website…



From here you can navigate through pretty much any job you can think of. It will tell you lots of information from job prospects, income streams, places to train, and subjects at school to pick *(see the circle above).*

We have used the [Vocational Pathway Builder](http://youthguarantee.net.nz/vocational-pathways/profile-builder/) to create bar graphs for all of our courses. This will show you which of the vocational pathways the subjects move towards. You will see that some subjects are very specific to a particular pathway (say Horticulture is solely in the “Primary Industry” pathway).

Here are some greater details on the [Vocational Pathways](http://youthguarantee.net.nz/assets/assets/VP-bi-fold-brochure-Apr14.pdf)…

[](http://youthguarantee.net.nz/assets/assets/VP-bi-fold-brochure-Apr14.pdf)

Gateway [*Return To Contents*](#Contents)

The Gateway programme is a Government initiative introduced for senior school students. It is designed to strengthen the pathway for students from school to workplace learning. Gateway is not a work experience programme nor is it a programme for under achievers. It is designed to assist schools to make learning relevant to the needs of all students and to ensure that young people have a smooth transition from school to work.

Students have an opportunity to work in such industries as Building, Engineering, Farming, Childcare, Retail, Motor Engineering, Horticulture, Electrical, Hospitality, Plumbing, Catering and Hair Dressing.

Gateway students spend one day a week in the workplace, during which time they are assessed for credits on the National Qualifications Framework which count towards both industry and NCEA qualifications.

Some formal documentation can be found at ‘The Gateway [Handbook](http://www.tec.govt.nz/Documents/Forms%20Templates%20and%20Guides/Gateway-Handbook-2014.pdf)’

There are tangible benefits from being in Gateway. Students are funded by the Ministry (there are no fees for students on Gateway). The Ministry will fund trade related materials. For example a student on Gateway as a builder will be funded for all trade unit standard (these save a future apprentice lots of money) there may be a possibily for funding for some equipment (say boots or builder aprons etc).

Practically a student on Gateway will commit to at least 80 hours (typically one day a week for ten week period). In these 80 hours they work with an ITO such as (BCITO or FITO) on theory Unit Standards as well as practical experience on the job. Gateway students are expected to gain 20 credits in their Pathway. The students will need to complete a signed contract with the school, employer and themselves and family.

2016 had students on Gateways with such employers or trades as; Early Childcare, Building, Retail, Farming, Panel Beating, Chef/Catering and Electrical.

If you are thinking that Gateway may be a good opportunity for you next year please see Mr Willoughby. Click here for his email [brentw@waihicol.school.nz](mailto:brentw@waihicol.school.nz).

University Entrance [*Return To Contents*](#Contents)

Students intending on further education at University need to ensure that they have ‘University Entrance’. Essentially this is a specified additional layer to the Level Three NCEA Qualification. The specifics are that students will need all of the following…

* NCEA Level 3 (the standard 80 credits)
* Three subjects - at Level 3, made up of: 14 credits each, in three approved subjects (\*see the list below).
* Literacy - 10 credits at Level 2 or above, made up of: 5 credits in reading and 5 credits in writing
* Numeracy - 10 credits at Level 1 or above.

University Approved Subjects available at Level Three at Waihi College (you will need 14 credits from three)…

1. L3 Accounting
2. L3 Agriculture
3. L3 Biology
4. L3 Calculus
5. L3 Catering
6. L3 Chemistry
7. L3 Drama
8. L3 English
9. L3 Geography
10. L3 Graphics
11. L3 Health
12. L3 Horticulture
13. L3 Media Design
14. L3 Music
15. L3 Art Photography
16. L3 Art Painting
17. L3 Physical Education
18. L3 Physics
19. L3 Maths with Statistics
20. L3 Technology (Product)
21. L3 Textiles

UE Literacy - Typically this means that students intending to go to University will need to have a successful year of Level Two English (or specifically target standards from other subjects). Here is a link to the specific standards offering Reading and Writing Literacy ([click here](http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/approved-subjects-for-university-entrance/)). In reading through the courses students may notice that next to some standards UE Literacy has been indicated with - *(UE Reading and Writing)*

It is important that early on in the year that students intending to go to University check that they’ve eligble to gain this qualification.

Level One Advanced English [*Return To Contents*](#Contents)

Purpose – English at Waihi College seeks to nurture the key skills you have, and develop then so that you can live and learning today and in the future. English is about thinking; using language, symbols and texts; participating and contributing; relating to others and managing self.

Pathway – This leads to [Level Two Advanced English](#L2AdvancedEnglish) or [Level Two English](#L2English). It also provides access to [Level Two History](#L2History).

Recommended Entry – Positive results form Year 10 English (your teacher will indicate).

Course Outline – Pathway to Level Two English is designed for those students who will study English at higher NCEA levels for academic purposes. All standards offered here contribute credits for Level One Literacy.

Course Fees – There are no course fees.

Assessment Information – 21 Credits (8 External) The standards will be chosen from -

90052 : Produce creative writing, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

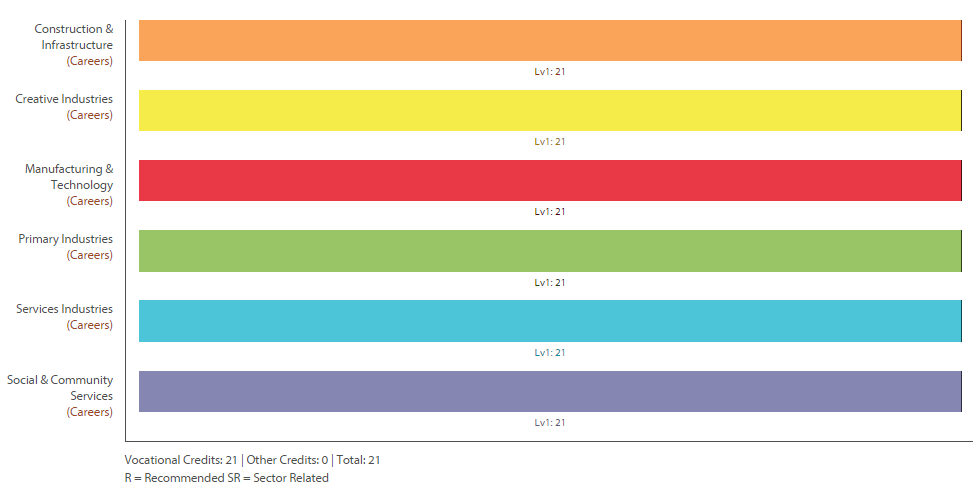
90053 : Produce formal writing, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90850 : Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90851 : Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90854 : Form personal responses to independently read texts, supported by evidence, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90856 : Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One English [*Return To Contents*](#Contents)

Purpose – English at Waihi College seeks to nurture the key skills you have, and develop then so that you can live and learning today and in the future. English is about thinking; using language, symbols and texts; participating and contributing; relating to others and managing self.

Pathway – This course provides Level One Literacy and will be the last year of formal English curriculum. Students intending on taking further English will need to be in [Level One Advanced English](#AdvancedEnglish).

Recommended Entry – Year 10 teachers will recommend students for the appropriate class Level One Class.

Course Outline – Level one English is designed for those students who wish to develop their reading, writing and speaking skills. All standards offered here contribute credits for Level 1 Literacy.

Course Fees – There are no course fees

Assessment Information – 20 Credits (4 External). The standards include-

26622 : Write to communicate ideas for a purpose and audience, Level 1, 4 credits

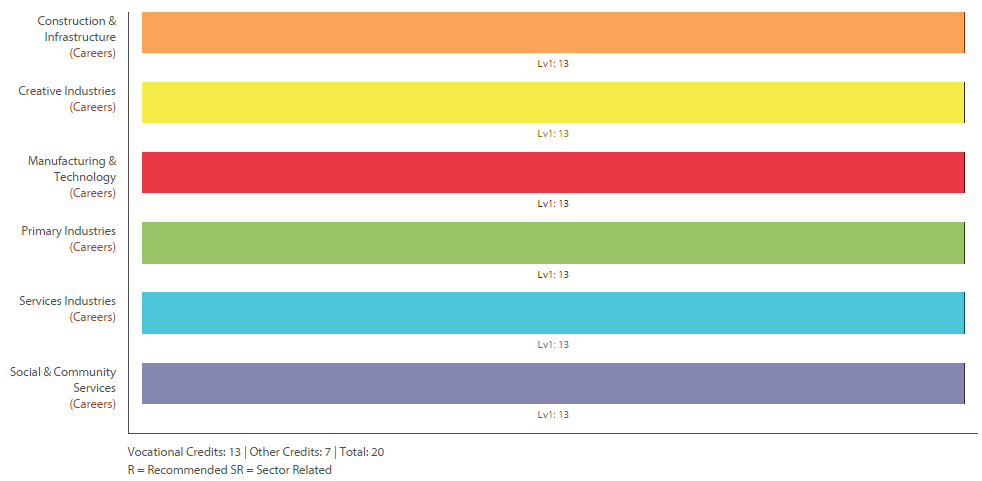
26624 : Read texts with understanding, Level 1, 3 credits

90053 : Produce formal writing, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90851 : Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90855 : Create a visual text, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90857 : Construct and deliver an oral text, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Economics [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in Business and Economics.

Pathway – This course can lead to tertiary study and/or a career in business.

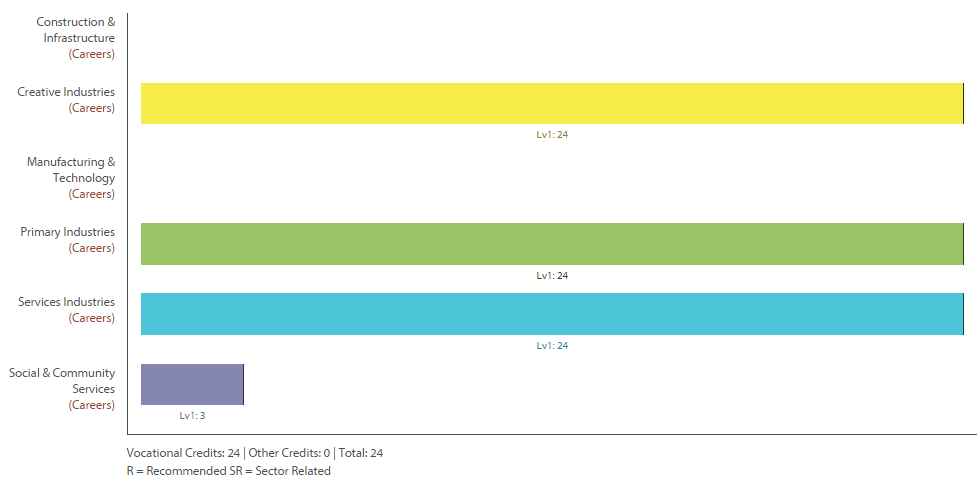
Recommended Entry – Satisfactory completion of Year 10 Mathematics.

Course Outline – Economics has been described as “The study of mankind in the ordinary business of life.” We investigate the unseen driving forces which push our society along, why businesses do what they do, and our role as individuals and consumers. What part does government play? An understanding of these things is a great help making sense of the world around us.

Course Fees – $20.

Assessment Information – 24 Credits (12 External) -

* 90983 : Demonstrate understanding of consumer choices, using scarcity and/or demand, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90984 : Demonstrate understanding of decisions a producer makes about production, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90985 : Demonstrate understanding of producer choices using supply, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90986 : Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90987 : Demonstrate understanding of a government choice where affected groups have different viewpoints, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90988 : Demonstrate understanding of the interdependence of sectors of the New Zealand economy, Level 1, 3 creditshttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Literacy [*Return To Contents*](#Contents)

Purpose – To provide Waihi College students with basic reading writing and speaking skills for Level One Literacy.

Pathway – This course provides Level One Literacy and leads to [Level Two English Skills](#L2EnglishSkills) class.

Recommended Entry – English (Advanced English, English or Literacy) is compulsory for all Year 11’s. Teachers will recommend students for the appropriate class.

Course Outline – This couse is for students who do not find English easy or naturally accessible. It includes standards needed for Level One Literacy, which is required to pass NCEA at Level One. As well, a number of other studies will be undertaken in reading, writing and the oral and visual areas, which could lead to internally assessed standards.

Course Fees – There are no course fees.

Assessment Information – 15 Credits (none External) -

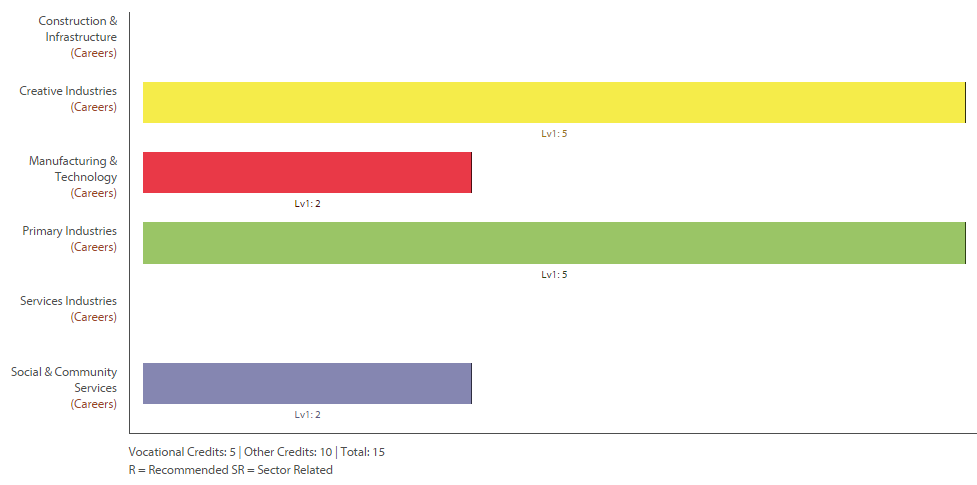
1293 : Be interviewed in an informal one-to-one, face-to-face interview, Level 1, 2 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

10792 : Write formal personal correspondence, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

26622 : Write to communicate ideas for a purpose and audience, Level 1, 4 credits

26624 : Read texts with understanding, Level 1, 3 credits

26625 : Actively participate in spoken interactions, Level 1, 3 credits



Level One Advanced Mathematics [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills of Mathematical Techniques

Pathway – This course leads into [Level Two Advanced Mathematics](#L2AdvancedMathematics), [Level Two Mathematics](#L2Mathematics).

Recommended Entry – Very good to excellent grades in Year 10 Mathematics.

Course Outline – The Level One Advanced Mathematics course is a mixture of internal and external standards. It is designed for students who will be aiming for the higher grades of Merit and Excellence in their assessments. The internal will include; using numbers to argue an idea; using ratio and angles to measure distances; using the statistical inquiry cycle and manipulation of algebraic expressions. The external assessments will focus on Algebra and graphing.

Course Fees – Workbooks (approximately $15) and a calculator.

Assessment Information – 22 Credits (8 External) The standards will be chosen from -

91026 : Apply numeric reasoning in solving problems, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

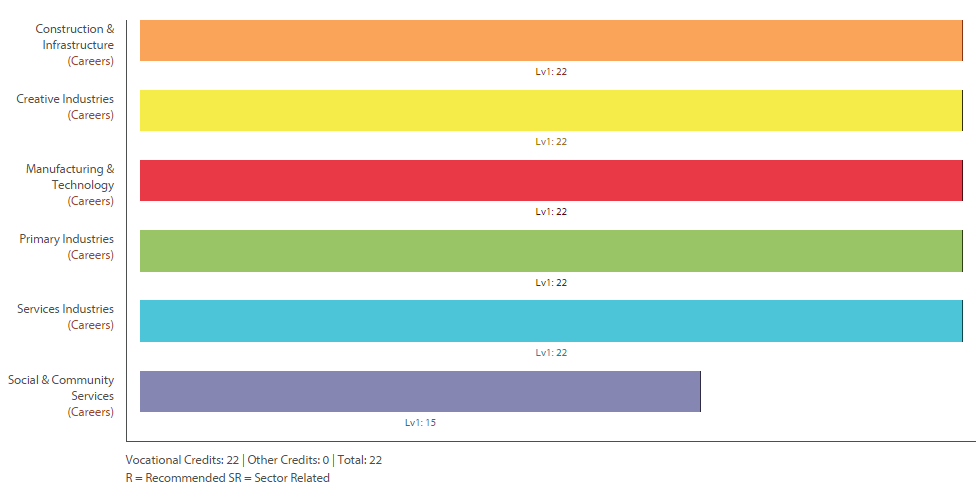
91027 : Apply algebraic procedures in solving problems, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91028 : Investigate relationships between tables, equations and graphs, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91029 : Apply linear algebra in solving problems, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91032 : Apply right-angled triangles in solving measurement problems, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91035 : Investigate a given multivariate data set using the statistical enquiry cycle, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Agriculture Science [*Return To Contents*](#Contents)

Purpose – To use science in the field to solve real-life farming business problems, and to contribute towards achieving NCEA Level One.

Pathway – The following year, Level Two Agricultural Science, and any Level Two agriculture or horticulture course. This course is not necessarily for those who want to spend their time as farmers.

Recommended Entry – This course only works if you have the ability to be self-directed. Good communication skills needed. If you are a person who achieves more under closer supervision, we recommend the [Agriculture Skills](#AgricultureSkills) course, where you can get training in self-management.

Course Outline – You will form small groups to study different parts of large experiments, and large investigations. Then you will join as a class to present your findings. You will be in control of as much of the process as you want. The teachers are there to provide a beginning and an end, information, and guidance. There are 14 credits at Level Two (possible).

You will be answering the following questions:

• What conditions and feeding practices do new calves like best?

• What’s the best pasture for Waihi?

• How will we feed 10 - 15 billion people in 2050?

Course Fees – $50 towards materials and field trips, including careers events and NZ Fieldays.

Assessment Information – 25 compulsory credits, optional credits, all internal -

Compulsory Standards (All students)

23540 : Demonstrate knowledge of hazards, hazard control, and the consequences of injury workplace, L2, 5 creditshttp://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

23541 : Locate hazards, describe safety procedures, and demonstrate safe practices in a rural workplace, L2, 5 crds http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

90918 : Carry out a practical agricultural or horticultural investigation, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

90155 : Demonstrate knowledge of pasture/crop management practices, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

90157 : Demonstrate practical skills used in agricultural or horticultural production, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

90160 : Demonstrate knowledge of the environmental impact of primary production management practices, L1, 3 crds http://youthguarantee.net.nz/standards/images/primary_industries.jpg

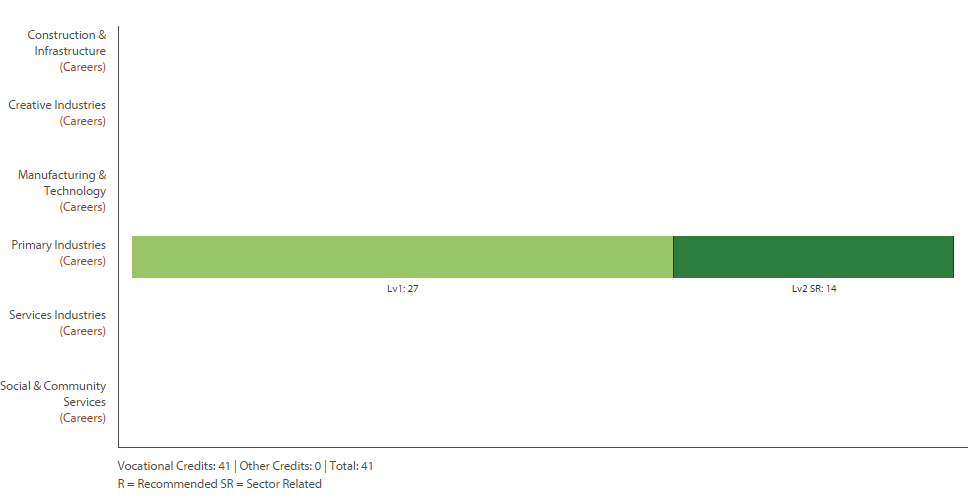
Optional Standards (with negotiation with teacher)

19138 : Monitor and interpret weather information, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

90921 : Demonstrate knowledge of livestock management practices, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

90919 : Demonstrate knowledge of soil management practices, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

90920 : Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg



Level One Orchard Management [*Return To Contents*](#Contents)

Purpose – To use science in the field to solve real-life orchard business problems, and to contribute towards achieving NCEA Level One.

Pathway – The following year, Level Two Orchard Management, and any Level Two agriculture or horticulture course. This course is not necessarily for those who want to spend their time as orchardists.

Recommended Entry – This course only works if you have the ability to be self-directed. It is also scientific and requires good communication skills. If you are a person who achieves more under closer supervision, we recommend the Agriculture Skills course, where you can get training in self-management.

Course Outline – Double Course – two lines on your timetable. Includes multiple chances to attain NCEA Level One literacy and numeracy. You will form small groups to study different parts of large experiments, and large investigations. Then you will join as a class to present your findings. You will be in control of as much of the process as you want. The teachers are there to provide a beginning and an end, information, and guidance. In addition, you will learn all the physical techniques of managing a kiwifruit orchard – which are similar to other fruit orchards.

Assessment Information – 42 credits -

12393 : Hand thin fruit to optimise crop loading, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

21212 : Harvest a fruit crop under supervision, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

21219 : Operate and maintain orchard hand pruning equipment and ladders or stools, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

90155 : Demonstrate knowledge of pasture/crop management practices, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

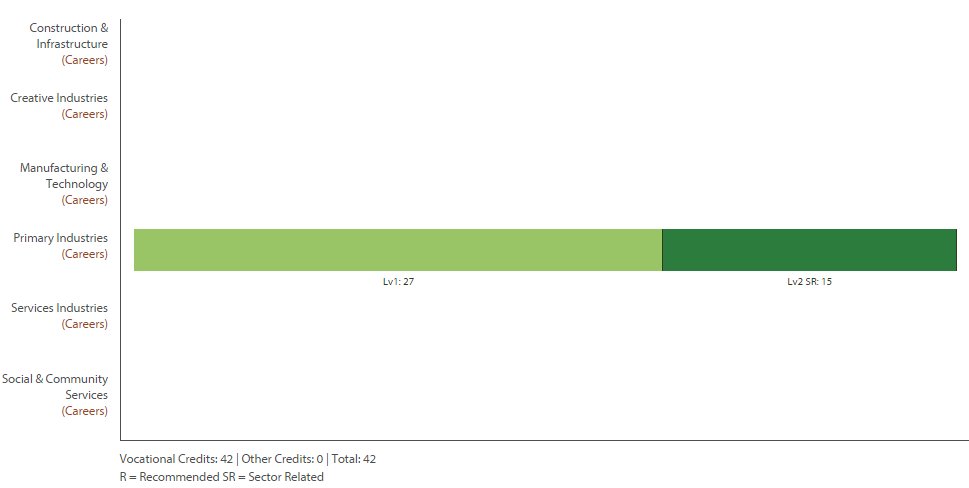
90157 : Demonstrate practical skills used in agricultural or horticultural production, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

90160 : Demonstrate knowledge of the impact of primary production management practices, L1, 3crds http://youthguarantee.net.nz/standards/images/primary_industries.jpg

90918 : Carry out a practical agricultural or horticultural investigation, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

90919 : Demonstrate knowledge of soil management practices, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

90920 : Demonstrate knowledge of the geographic distribution of agricultural and horticultural primary production in New Zealand, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

90924 : Demonstrate knowledge of horticultural plant management practices and related plant physiology, L1, 5 crds http://youthguarantee.net.nz/standards/images/primary_industries.jpg

Level One & Two Agriculture Skills [*Return To Contents*](#Contents)

Purpose – To learn work skills and safety for farm labouring, & to contribute towards achieving NCEA L1 & L2.

Pathway – Training at an agricultural school like Telford or Taratahi, or straight into farm work or [L2 Horticulture](#Horticulture).

Recommended Entry – Open – bring along a can do attitude.

Course Outline – Doing a Dairy Farm [Gateway](#Gateway) placement is a compulsory part of this course.

The bulk of the course is doing fencing practice and learning quad and tractor safety, most of the unit standards available are NCEA Level Two. We offer training and opportunities to improve your self-management skills, to enable you to take more control of your school time. We also offer help with literacy, and expect you to improve your literacy on the course. But your literacy level is not a barrier to achieving. *We offer non-written assessments*.

Course Fees – $50 towards materials and field trips, including careers events and NZ Fieldays.

Assessment Information – 41 compulsory credits, all internal (further credits available in [Gateway](#Gateway)) -

Compulsory Standards (All students)

19044 : Demonstrate knowledge of the legal requirements and hazards associated with tractor use, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

23540 : Demonstrate knowledge of hazards, hazard control, and the consequences of injury rural workplace, L2, 5 crds http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

23541 : Locate hazards, describe safety procedures, and demonstrate safe work practices in rural workplace, L2, 5 crds http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

24557 : Demonstrate knowledge of the safe operation of a quad bike, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

24822 : Install wooden battens for fencing, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

24832 : Open and draw out a coil of wire, tie knots, join wire, and prepare wire for transport and storage, L2, 5crds http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

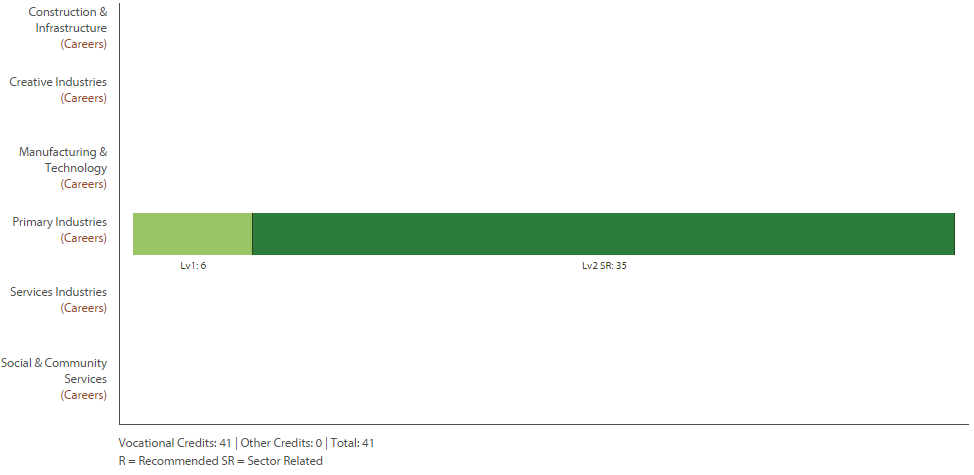
24833 : Identify and maintain fencing tools & equipment, & id fencing construction materials & wire types, L2, 3crds http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

24834 : Replace a broken post, and repair a broken wire in fences, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

24836 : Describe non-electric fences, fence support materials, and safe practices in fencing, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

27602 : Ride a quad bike on flat terrain in controlled conditions under close supervision, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

27608 : Drive a basic wheel tractor on flat terrain under close supervision, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg



Level One Mathematics [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills of Mathematical Techniques

Pathway – This course leads into [Level Two Advanced Mathematics](#L2AdvancedMathematics), or [Level Two Mathematics](#L2Mathematics) .

Recommended Entry – Good to Very Good grades in Year 10 Mathematics.

Course Outline – The Level One Advanced Mathematics course is a mixture of internal and external standards. It is designed for students who have a good ability in Mathematics and will be aiming for the grades of Achieve and Merit in their assessments. The internal will include; using numbers to argue an idea; using ratio and angles to measure distances; using the statistical inquiry cycle and manipulation of algebraic expressions. The external assessment (which is run in September not November) will focus on Algebra.

Course Fees – Workbooks (approximately $15) and a calculator.

Assessment Information – 23 Credits (0 External) The standards will be chosen from -

91026 : Apply numeric reasoning in solving problems, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91029 : Apply linear algebra in solving problems, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

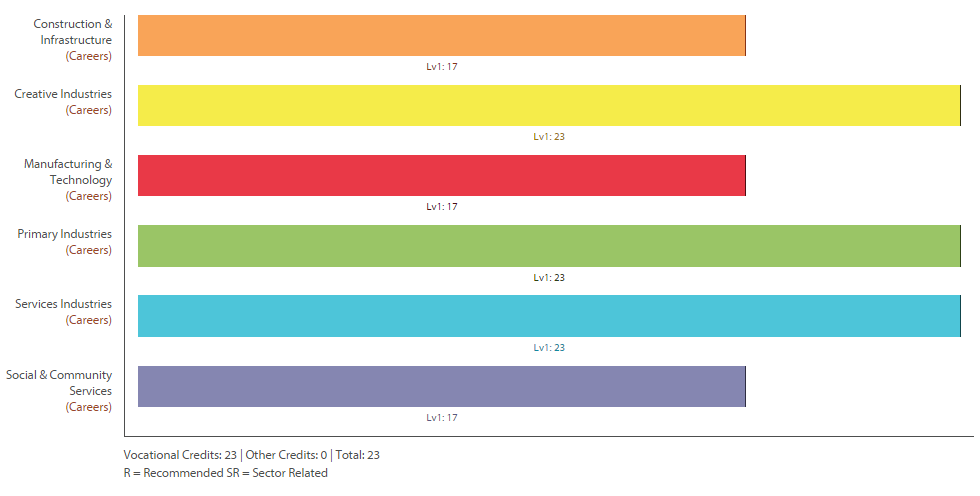
91030 : Apply measurement in solving problems, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91032 : Apply right-angled triangles in solving measurement problems, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91035 : Investigate a given multivariate data set using the statistical enquiry cycle, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91036 : Investigate bivariate numerical data using the statistical enquiry cycle, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91038 : Investigate a situation involving elements of chance, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Numeracy [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills of Mathematical Techniques that can be applied in real life situations.

Pathway – This course doesn’t prepare students for any Level Two standards. Students in Level One Numeracy will be able to complete a full academic Level One course the following year.

Recommended Entry – Year 10 Mathematics.

Course Outline – This course is suited to students who sometimes find Mathematics difficult. It is a year-long course that covers a range of topics involving Number, Statistics and Measurement skills. To obtain the NCEA ‘Numeracy’ component of the qualification students will need to pass the complete package of the three Numeracy standards (10 credits in total). Some additional, internally assessed Achievement Standards may be taught with a possibility of gaining an extra eleven credits.

Course Fees – Workbooks (approximately $5) and a calculator which is absolutely essential.

Assessment Information – 21 Credits (none External) The standards will be chosen from -

26623 : Use number to solve problems, Level 1, 4 credits

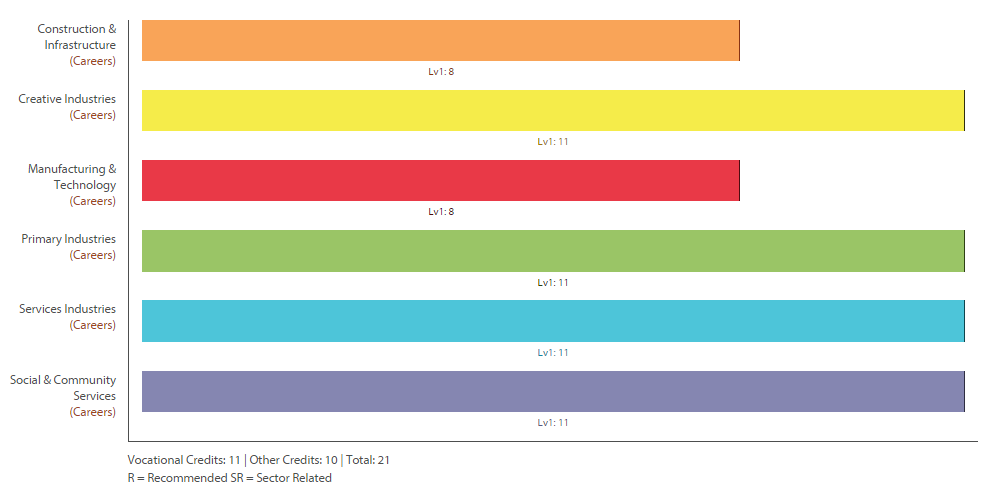
26626 : Interpret statistical information for a purpose, Level 1, 3 credits

26627 : Use measurement to solve problems, Level 1, 3 credits

91026 : Apply numeric reasoning in solving problems, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91035 : Investigate a given multivariate data set using the statistical enquiry cycle, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91036 : Investigate bivariate numerical data using the statistical enquiry cycle, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Horticulture [*Return To Contents*](#Contents)

Purpose – To develop Waihi College students knowledge and skills in Horticulture.

Pathway – This course leads towards [Level Two Horticulture](#L2Horticulture).

Recommended Entry – Nil – but students must be prepared to get their hands dirty.

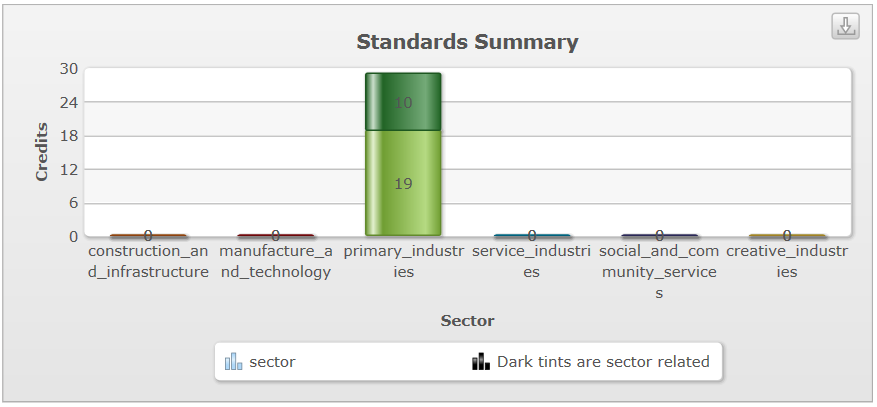
Course Outline – Horticulture involves learning how to grow plants, how plants function, how to get nutrients from the soil and ways to grow better plants. There are three parts to this course…

* Practical – hands on gardening in small gardens in the farm unit.
* Gardening around the school grounds.
* Theory and classwork.

Course Fees – There are no course fees.

Assessment Information – 19 Credits (9 External). One standard is a level two paper -

* US1: Prepare and sow outdoor seedbeds manually, (Internal 5 credits), Production Horticulture
* Level Two AS21027: Plant and care for bedding plants, bulbs or herbaceous perennials, (Internal 10 credits), Horticulture
* 23783: Grow and maintain plants in containers from seed, (Internal 5 credits), Production Horticulture
* 90919: Demonstrate knowledge of soil management practices, (External 4 credits), Agricultural and Horticultural Science 1.3
* 90924: Demonstrate knowledge of horticultural plant management practices and related plant physiology, (External 5 credits), Agricultural and Horticultural Science 1.10



Level One Science [*Return To Contents*](#Contents)

Purpose – To gain a solid grounding in the Sciences, and to start to more fully understand how scientific knowledge and understanding is vital in solving the major challenges facing humankind – disease treatment and prevention, climate change, the need for clean energy and the need for clean water

Pathway – This course leads towards Level Two [Biology](#L2Biology) (through passing both 90949 & 90950), [Level Two Chemistry](#L2Chemistry) (through passing external 90944), [Level Two Physics](#L2Physics) (through 90940).

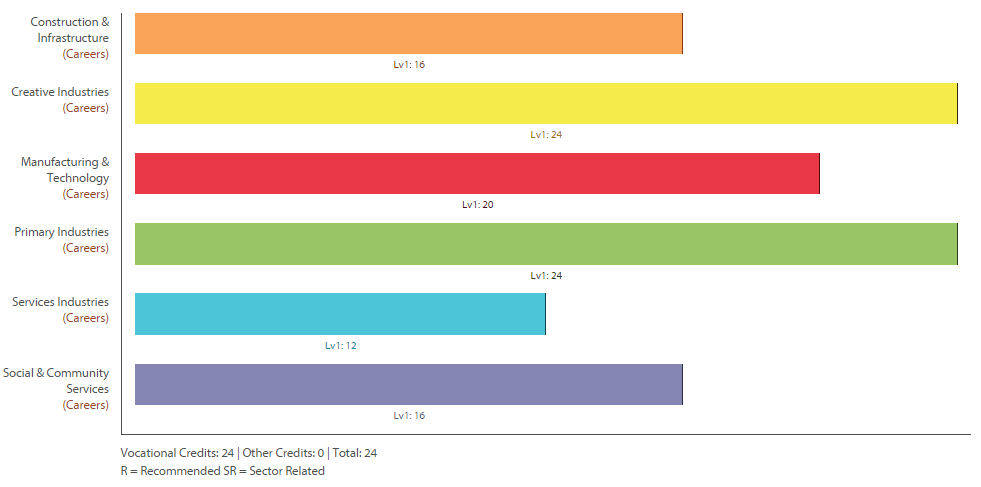
Recommended Entry – Nil – but students must be prepared to get their hands dirty.

Course Outline – This course aims to provide a good grounding in the basics of Science, with a term each spent on Physics, Chemistry and Biology. We aim to complete the work for one external and one internal each term. A practical investigation linked to graph plotting skills (that provides four numeracy credits) will be carried out during the same term as study for Physics (motion, forces, energy and power). A research assignment on carbon cycling (relevant to climate change) will accompany the study of Chemistry (atoms and ions, acids and bases). A further research assignment on microorganisms that cause disease will be carried in addition to the study of Genetics.

Course Fees – There are no course fees.

Assessment Information – 24 Credits (12 External) -

* 90935 : Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90940 : Demonstrate understanding of aspects of mechanics, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90944 : Demonstrate understanding of aspects of acids and bases, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90948 : Demonstrate understanding of biological ideas relating to genetic variation, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90950 : Investigate biological ideas relating to interactions between humans and micro-organisms, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90953 : Demonstrate understanding of carbon cycling, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Geography [*Return To Contents*](#Contents)

Purpose – Purpose – Geography gives students a multidisciplinary or holistic view of the world, combining knowledge, skills, and understandings of the physical and social sciences. It fosters a curiosity about place and space, and provokes questions about natural and cultural environments and their interconnectedness. Geography provides opportunities through fieldwork for first-hand investigations of places, environments, and human activities. It helps students make sense of complex issues such as climate change, ageing populations, urban growth, land conflicts, globalisation, and sustainability.

Pathway – This course can lead to [Level Two Geography](#L2Geography).

Recommended Entry – Satisfactory completion of Year 10 Social Studies.

Course Outline – This course consists of both Natural and Human Geography. The course looks at natural events (volcanic eruptions etc.), sustainability (tourism), global issues (electronic waste, access to safe water etc.) and local geographic topics (shopping, mining). Skills to do with using maps and a variety of other information sources are followed up and these are applied in research work. This course is designed for students who are interested in the world around them and how people interact with the environment.

Course Fees – Fees for a one day field trip to Rotorua (approximately $50).

Assessment Information – 21 Credits (8 External) -

91007 : Demonstrate geographic understanding of envrnmts that shaped by extreme natural event(s), L1, 4 crds http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

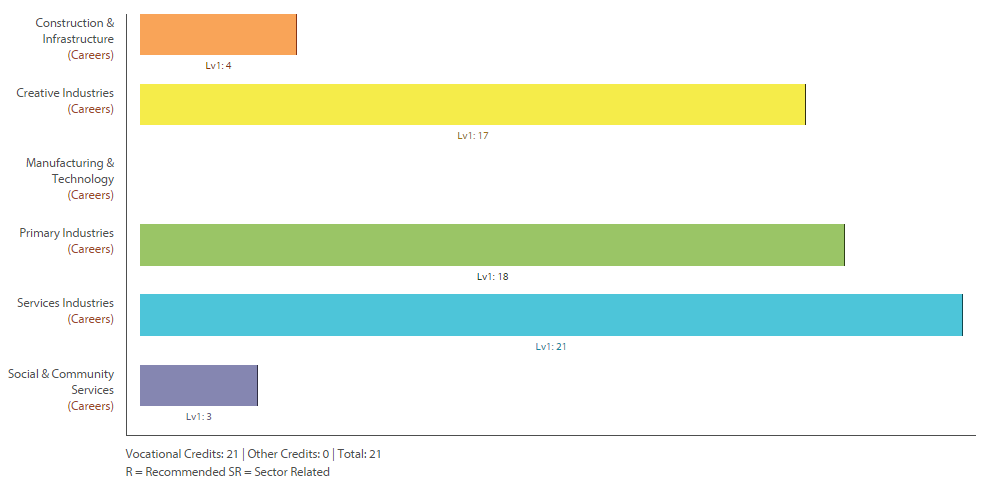
91009 : Demonstrate geographic understanding of the sustainable use of an environment, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91010 : Apply concepts and basic geographic skills to demonstrate understanding of environment, L1, 4 crd http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91011 : Conduct geographic research, with direction, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpg

91012 : Describe aspects of a contemporary New Zealand geographic issue, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91013 : Describe aspects of a geographic topic at a global scale, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One History [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in History.

Pathway – This course can lead to [Level Two History](#L2History).

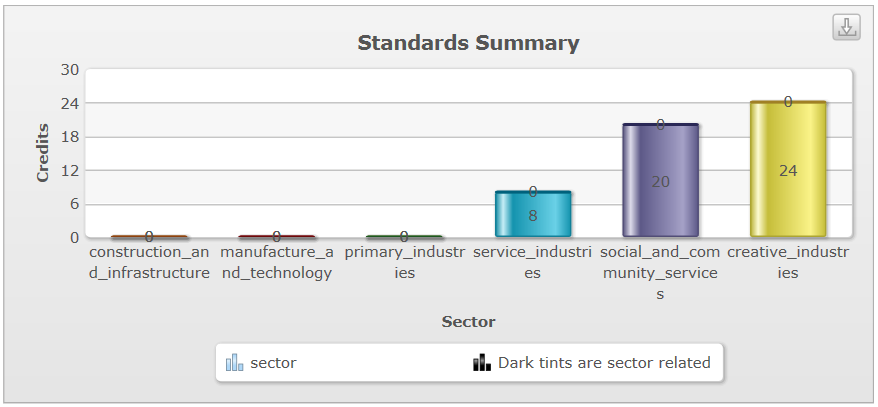
Recommended Entry – Satisfactory completion of Year 10 Social Studies. This course has no prerequisites although good literacy skills and an interest in current affairs are helpful.

Course Outline – These courses topics are selected from: the origins of World War Two; New Zealand and the World; Ireland; Black Civil Rights; and Stalin. The internally assessed topics focus on research and perspectives. The externally assessed topics involve interpretation, New Zealand identity and essay writing. Skills from History are applicable in many other fields where organisation and essay skills are required.

Course Fees – There are no course fees.

Assessment Information – 24 Credits (12 External) -

* 91001: Carry out an investigation of an historical event, or place, of significance to New Zealanders, (Internal 4 credits), History 1.1
* 91002: Demonstrate understanding of an historical event, or place, of significance to New Zealanders, (Internal 4 credits), History 1.2
* 91003: Interpret sources of an historical event of significance to New Zealanders, (External 4 credits), History 1.3
* 91004: Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders, (Internal 4 credits), History 1.4
* 91005: Describe the causes and consequences of an historical event, (External 4 credits), History 1.5
* 91006: Describe how a significant historical event affected New Zealand society, (External 4 credits), History 1.6



Level One Accounting [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in Accounting.

Pathway – This course can lead to [Level Two Accounting](#L2Accounting).

Recommended Entry – Satisfactory completion of Year 10 Mathematics.

Course Outline – This is a very practical subject aimed at anyone who intends being involved with running their own (or someone else’s) business. It teaches the basic processes of bookkeeping and how to compile and interpret financial statements. Students will be exposed to many different business concepts. It can be taken as a stand-alone course or used as a stepping stone towards tertiary study in commerce/business.

Course Fees – $10 Course Materials.

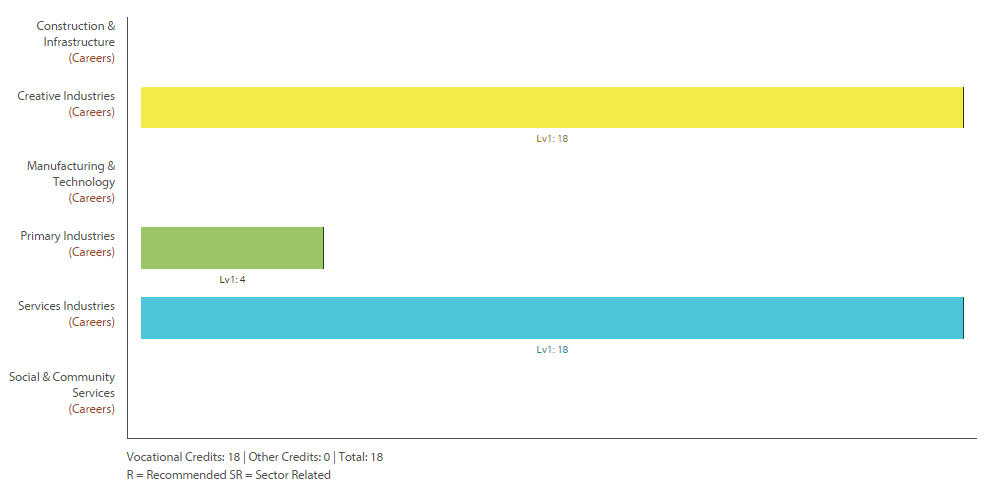
Assessment Information – 18 Credits (9 External) -

90977 : Process financial transactions for a small entity, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90978 : Prepare financial statements for sole proprietors, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90979 : Prepare financial information for a community organisation's annual general meeting, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90980 : Interpret accounting information for sole proprietors, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Physical Education [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in Physical Education.

Pathway – This course can lead to [Level Two Physical Education](#L2PhysicalEducation) and/or [Level Two Sports Education](#L2SportsEducation).

Recommended Entry – Good participation and a keen interest in Year 10 Physical Education.

Course Outline – This course allows students to look at what affects their participation in activities as well as introducing them to anatomy and biomechanics. Some students will have the opportunity to participate in a ski trip to Mount Ruapehu to look at responsible behaviours and skill learning. This class is based on theory as well as practical.

Course Fees – A total of $400 for workbook and ski trip.

Assessment Information – 19 Credits (0 External *Even though there are no externals this course is one of a few internally only assessed courses that can still pick up a course endorsement*) -

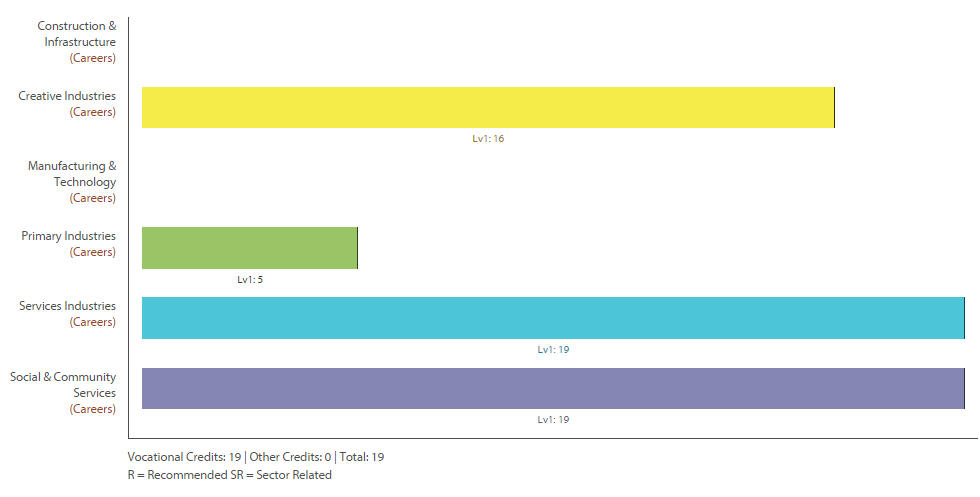
90962 : Participate actively in a variety of physical activities and explain factors that influence own participation, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90963 : Demonstrate understanding of the function of the body as it relates to the performance of physical activity, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90964 : Demonstrate quality movement in the performance of a physical activity, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90968 : Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg

90970 : Demonstrate self management strategies and describe the effects on participation in physical activity, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Health Education [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in Health Education.

Pathway – This course can lead to [Level Two Health Education](#L2HealthEducation).

Recommended Entry – Participation in Year 10 Health Education.

Course Outline – This course offers the opportunity to experience and participate in a wide range of activities, in a variety of contexts including; Sex Education, Hauora, Interpersonal Skills, Drug and Nutrition. The main focus of this course is to equip the students with the foundation knowledge of health if you wish to pursue this area in the future as well as improving a variety of interpersonal skills.

Course Fees – There are no course fees.

Assessment Information – 19 Credits (8 External) -

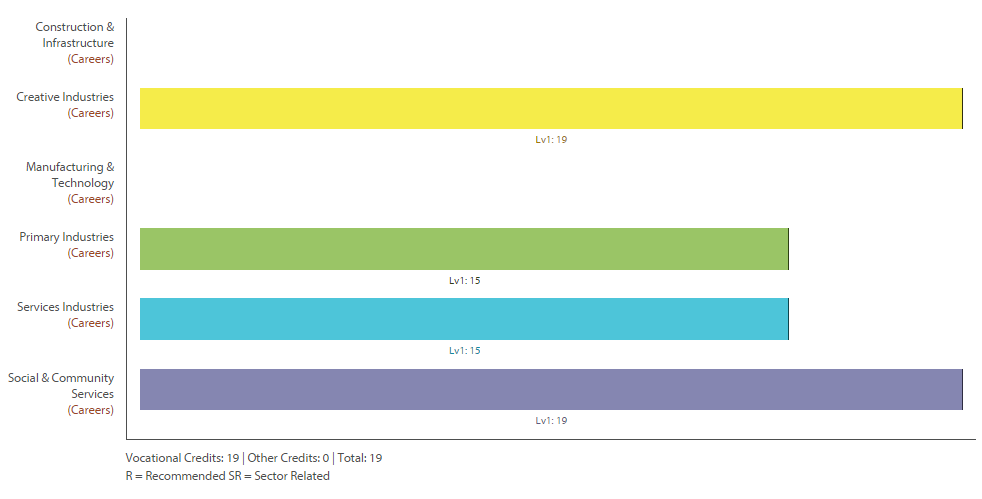
90971 : Take action to enhance an aspect of personal well-being, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90972 : Demonstrate understanding of influences on adolescent eating patterns to make health-enhancing recommendations, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90974 : Demonstrate understanding of strategies for promoting positive sexuality, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90975 : Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91097 : Demonstrate understanding of ways in which well-being can change and strategies to support well-being, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Sports Education [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in Sports Education.

Pathway – This course can lead to [Level Two Sports Education](#L2SportsEducation) or [Level Two Physical Education](#L2PhysicalEducation).

Recommended Entry – Good participation and a keen interest in Year 10 Physical Education.

Course Outline – Through maximum participation in a wide variety of sports students will develop skills, co-ordination and fitness thereby increasing their self-confidence and self-discipline. They will learn to work as a team and develop leadership skills while being inclusive and socially responsible. Sports covered are ultimate, swimming, athletics, turbo touch, badminton, basketball, table tennis, tennis and fitness studies.

Course Fees – There are no course fees.

Assessment Information – 19 Credits (0 External *Even though there are no externals this course is one of a few internally only assessed courses that can still pick up a course endorsement*) -

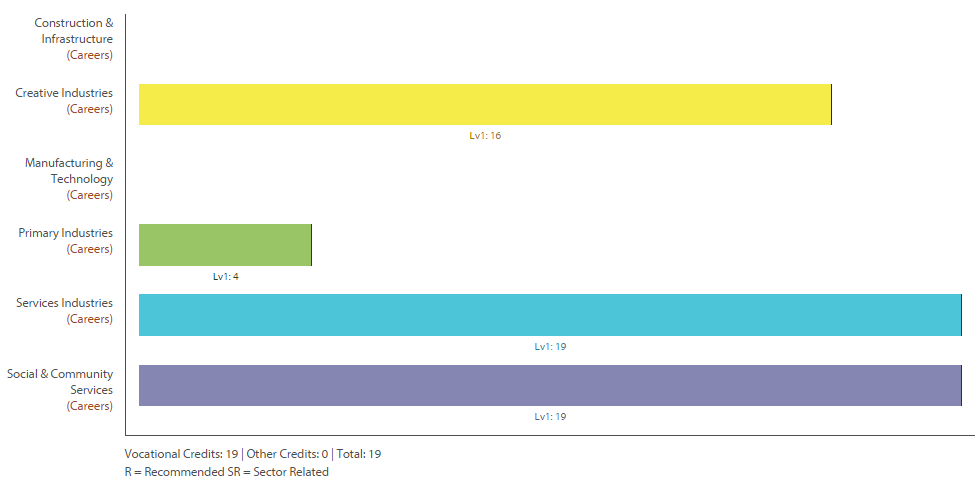
90962 : Participate actively in a variety of physical activities and explain factors that influence own participation, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90964 : Demonstrate quality movement in the performance of a physical activity, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90965 : Demonstrate understanding of societal influences on physical activity and the implications for self and others, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90966 : Demonstrate interpersonal skills in a group and explain how these skills impact on others, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90968 : Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg



Level One Outdoor Education [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in Outdoor Education.

Pathway – This course can lead to [Level Two Physical Education](#L2PhysicalEducation), Level Two Sports Education or [Level Two Outdoor Education](#L2OutdoorEducation).

Recommended Entry – Good participation and a keen interest in Year 10 Physical Education.

Course Outline – This is a practical and theory based course using both achievement standards and unit standards, aimed to develop your knowledge and skills in the great outdoors through activities and outings in our local environment. You will learn self-management skills and how to prepare yourself for a range of outdoor activities including surfing, kayaking, mountain biking, tramping and camping. As Waihi College has our own fleet of bikes and kayaks there will be plenty of opportunity to develop your knowledge and skills in these disciplines. While the course focuses on experience and the development of personal skills and teamwork in the outdoors, students will also learn about aspects of leadership and risk management.

Course Fees – $365.

Assessment Information – 21 Credits (0 External *no endorsement in this option class.*) -

425 : Experience day tramps, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg 426 : Experience camping, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

470 : Demonstrate personal and social development through participation in a low ropes course programme, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services_sr.jpg 6400, 6401,6402 Basic First Aid 5 Credits

20137 : Mountain bike on easy to intermediate terrain, Level 1, 1 credits http://youthguarantee.net.nz/standards/images/service_industries.jpg

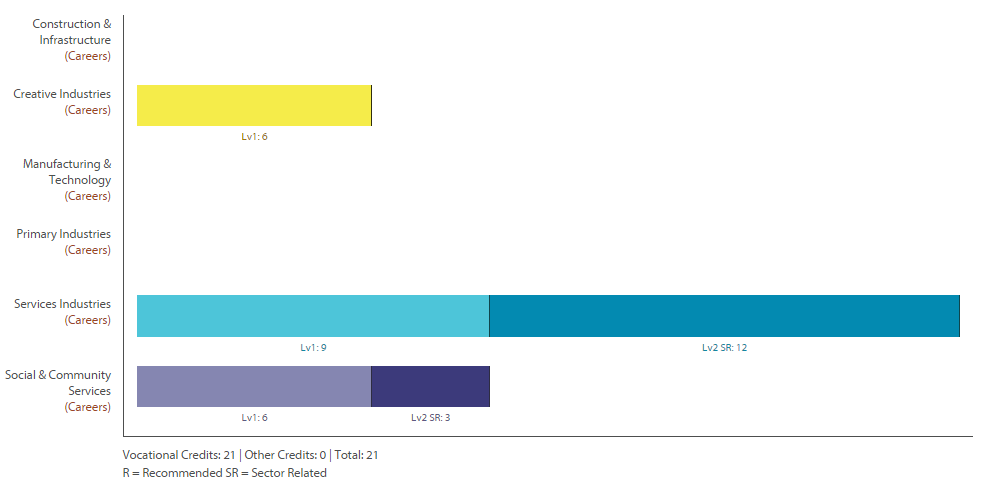
20138 : Select, set up and maintain a mountain or cycle touring bike, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

90964 : Demonstrate quality movement in the performance of a physical activity, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90966 : Demonstrate interpersonal skills in a group and explain how these skills impact on others, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90967 : Demonstrate strategies to improve the performance of a physical activity and describe the outcomes, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90970 : Demonstrate self management strategies and describe the effects on participation in physical activity, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Art Photography [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in a range of visual arts.

Pathway – This course can lead to [Level Two Art Painting](#L2ArtPainting) or Level [Two Art Photography](#L2Photography).

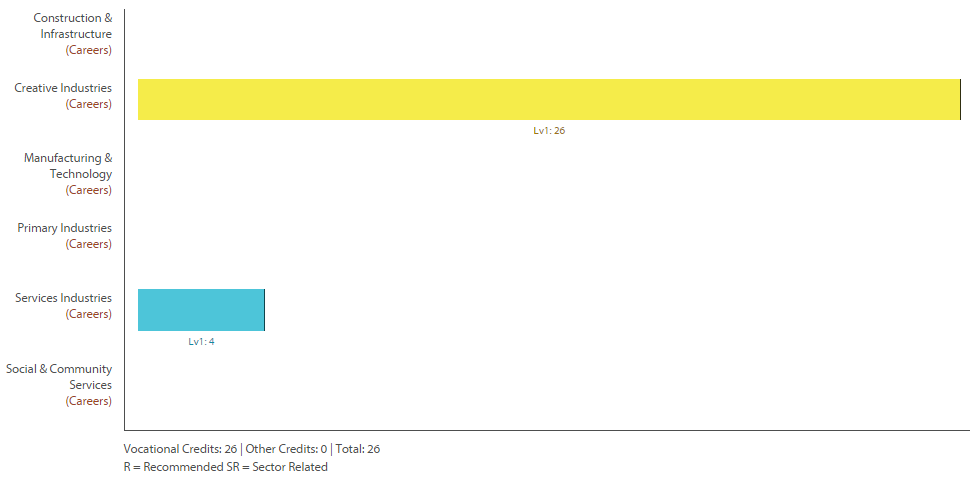
Recommended Entry – Year 10 Art.

Course Outline – This course challenges the student to develop art works and express ideas in a range of art making media through the study of a number of artists’ works. The primary drawing method is photography, and photographs are reinterpreted in other media and styles. The student develop basic darkroom and digital photography skills, use some Photoshop processes, learn printmaking processes, extend their tonal painting skills and learn to communicate ideas through their art works.

Course Fees – $20 for materials and equipment. Students will also need printing credit.

Assessment Information – 26 Credits (12 Credits are externally assessed as a portfolio of work not an examination) -

* 90913 : Demonstrate understanding of art works from Maori and other cultural contexts using art terminology, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90914 : Use drawing methods and skills for recording information using wet and dry media, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90915 : Use drawing conventions, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90916 : Produce a body of work informed by established practice, which develops ideas, using a range of media, Level 1, 12 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Art Painting [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in a range of visual arts.

Pathway – This course can lead to [Level Two Art Painting](#L2ArtPainting) or [Level Two Art Photography](#L2Photography).

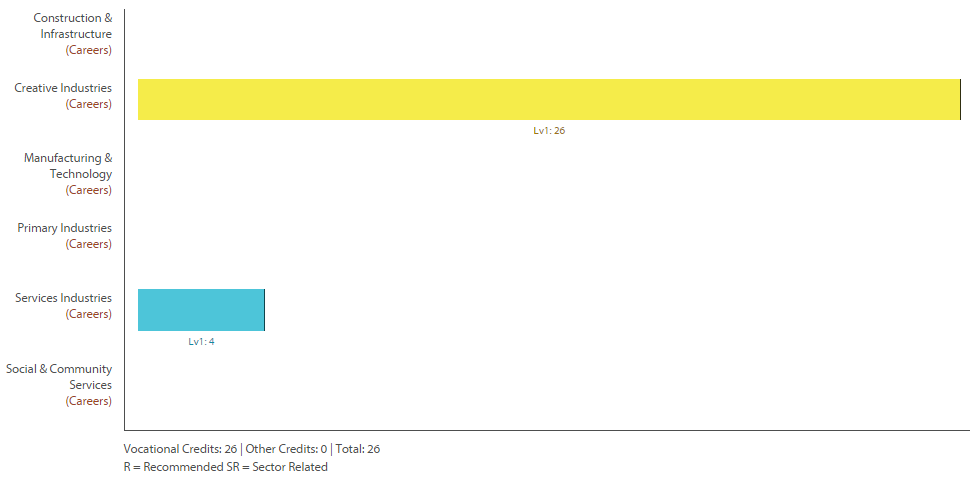
Recommended Entry – Year 10 Art.

Course Outline – This course challenges the student to develop art works and express ideas in a range of art making media through the study of a number of artists’ works. Students extend their existing drawing and painting skills and learn printmaking processes. These skills are then applied in mixed media artworks which communicate ideas.

Course Fees – $40 for materials and equipment.

Assessment Information – 26 Credits (12 Credits are externally assessed as a portfolio of work not an examination) -

* 90913 : Demonstrate understanding of art works from Maori and other cultural contexts using art terminology, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90914 : Use drawing methods and skills for recording information using wet and dry media, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90915 : Use drawing conventions, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 90916 : Produce a body of work informed by established practice, which develops ideas, using a range of media, Level 1, 12 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Drama [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in Drama. To establish academic and professional pathways.

Pathway – This course can lead to [Level Two Drama](#L2Drama).

Recommended Entry – Year 10 Drama is recommended. Important to have an established interest in drama, production and/or live performance.

Course Outline – The Level One Drama programme offers some unique opportunities for students to engage with the skills and technologies of dramatic play, and students will attend professional theatrical productions as part of their coursework. All credits offered count towards literacy requirements and the course begins an academic pathway which is suitable for any students anticipating tertiary study. The programme also seeks to offer first hand experiences of Drama related professions and enables students to form professional relationships with potential employers.

Course Fees – $20 materials and $48 Field Trip (Red Leap).

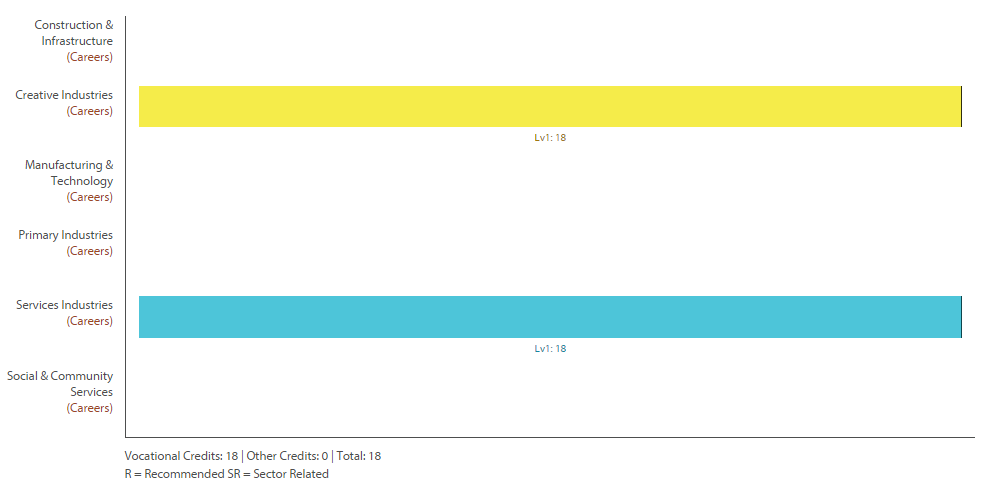
Assessment Information – 18 Credits of which 4 are externally assessed (note all standards offered in Level One Drama contribute to the Literacy component of NCEA level one). Additional performing arts technology units in areas such as lighting, construction and set design can be made available for students who signal their interest.

90009 : Perform an acting role in a scripted production, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90011 : Demonstrate understanding of the use of drama aspects within live performance, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90997 : Devise and perform a drama, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

90999 : Select and use features of a drama/theatre form in a performance, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Music [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in Music.

Pathway – This course can lead to [Level Two Music](#L2Music).

Recommended Entry – Three years instrumental experience or a strength in singing.

Course Outline – The three main thrusts of the Level One Music course are performance, composition using computers technology, and musical analysis, all at a basic level. Students will have the opportunity to perform as soloists and in groups to gain credits, and to write and perform their own material. Music theory for beginners will be part of the course. This is not the course for students who wish to learn an instrument at the beginner level (see Mr Paton directly about arranging this). Also offered is a performing arts technology unit standard, sound system technology for performers.

Course Fees – $20.

Assessment Information – 30 Credits (8 External) -

26687 : Demonstrate and apply knowledge of sound technology for a performance context, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

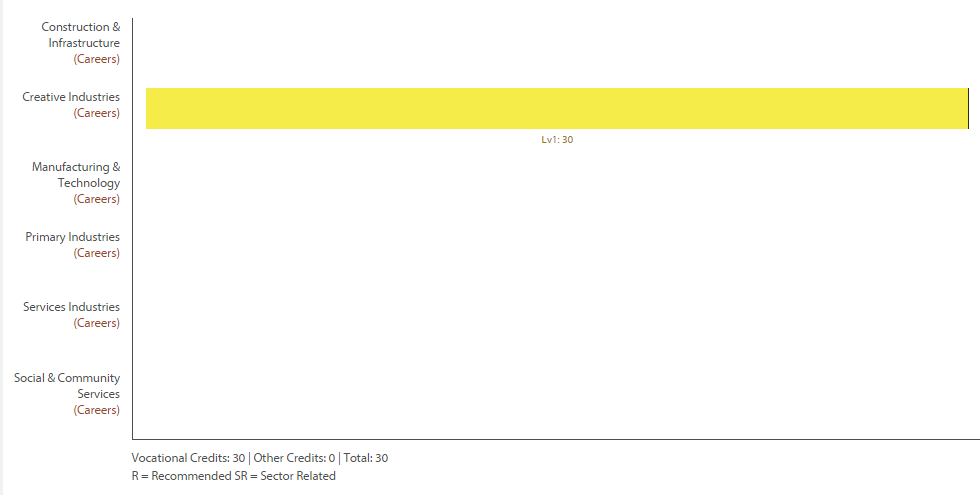
91090 : Perform two pieces of music as a featured soloist, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91091 : Demonstrate ensemble skills through performing a piece of music as a member of a group, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91092 : Compose two original pieces of music, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91094 : Demonstrate knowledge of conventions used in music scores, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91095 : Demonstrate knowledge of two music works from contrasting contexts, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Graphics (DVC) [*Return To Contents*](#Contents)

Purpose – Graphics (aka Design and Visual Communication) develop knowledge and skills in designing Architecture and Products.

Pathway – This course can lead to [Level Two Graphics](#L2Graphics) and/or [Level Two Building](#L2BuildingandConstruction).

Recommended Entry – An interest in design.

Course Outline – This course challenges students to think about the fundamentals of design and how this is used in developing Products and Architecture. Briefs or units of work are used to solve Architecture and Product Design problems. Students will learn to use sketching techniques, produce formal drawings using instruments; computer presentation and computer based drawing programmes.

Course Fees – The purchase of their own equipment and stationery.

Assessment Information – 21 Credits (9 External *these are assessed as a portfolio/evidence of work there will be no exam*) -

91063 : Produce freehand sketches that communicate design ideas, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

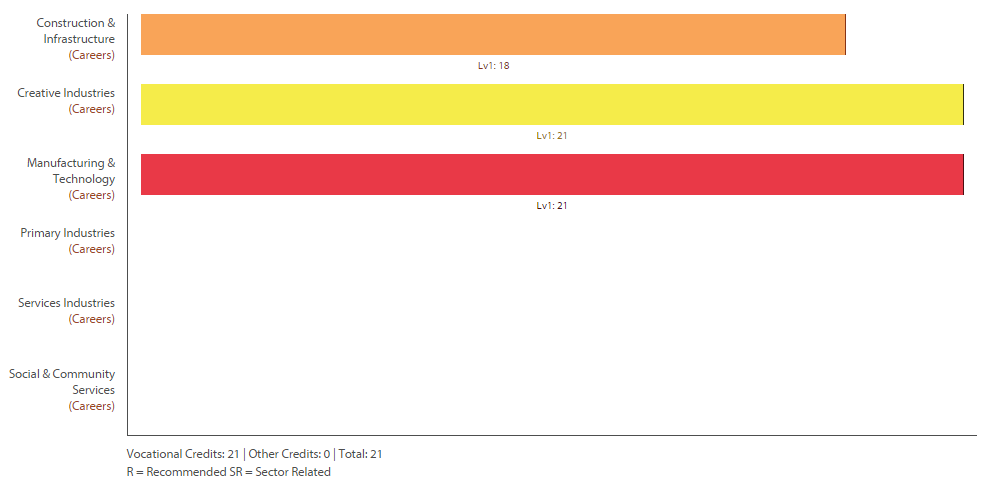
91064 : Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91065 : Produce instrumental paraline drawings to communicate design ideas, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91066 : Use rendering techniques to communicate the form of design ideas, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91067 : Use the work of an influential designer to inform design ideas, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91068 : Undertake development of design ideas through graphics practice, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Building and Construction [*Return To Contents*](#Contents)

NOT OFFERED IN 2016

Purpose – To develop knowledge and skills in building and furniture making.

Pathway – This course can lead to [Level Two Building](#L2BuildingandConstruction).

Recommended Entry – An interest in making things.

Course Outline – This course is an industry based course for students wishing to follow a pathway into tertiary/trades related careers. Students will be introduced to power tools and machine tools. Completed projects along with workbook materials are submitted. Examples of work include design and construction of coffee tables, outdoor furniture and cupboards.

Course Fees – $55 for materials that are used in the projects. *N.b. at the end of the course the finished products are the students to keep.*

Assessment Information – 9 Level One Credits and 10 Level Two Credits (0 External *all of the standards are unit standards and therefore only have maximum ‘Achieved’ level grades*) -

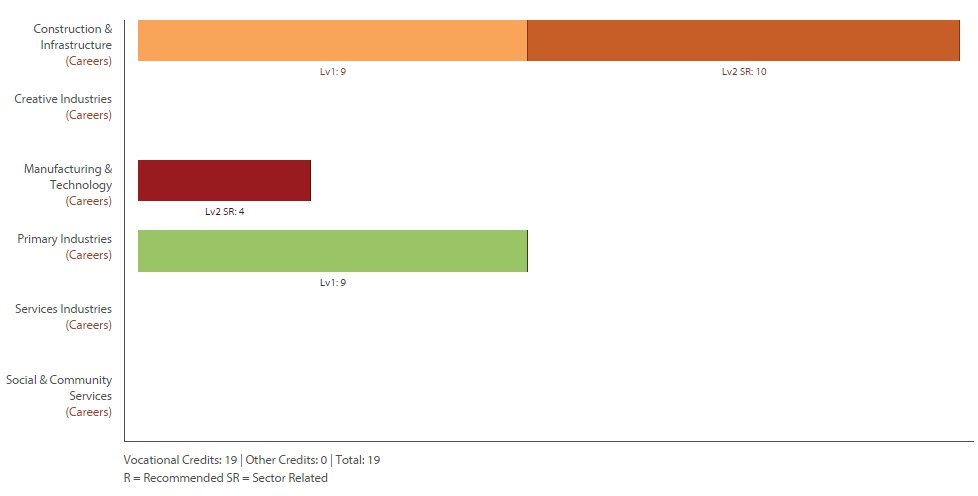
2199 : Use and maintain hand tools for furniture making, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg

24355 : Demonstrate knowledge of construction and manufacturing materials used in BCATS projects, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg

25919 : Use hardware and fastenings for a BCATS project, Level 1, 2 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg

25920 : Use joints for a BCATS project, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg

25921 : Make a cupboard as a BCATS project, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpg



Level 1 & 2 Computer Programming [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in the programming language of computers. .

Pathway – This course can lead to opportunities to study extramurally National Certificate in Computing (Level Two & Level Three).

Recommended Entry – An interest and aptitude with computers, programming and software.

Course Outline – If you are interested in entering the world of the computer then this subject could. We will be working through the design process, creating games, programming APPS and scripts. If this makes sense then Level 1 Computer Programming may be for you. If you demonstrate strong capabilities in this subject then Level 2 Credits will be available in place of the level 1 standards.

Course Fees – There are no course costs.

Assessment Information – 21 Credits (4 External)

91075 : Construct a plan for a basic computer program for a specified task, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91076 : Construct a basic computer program for a specified task, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

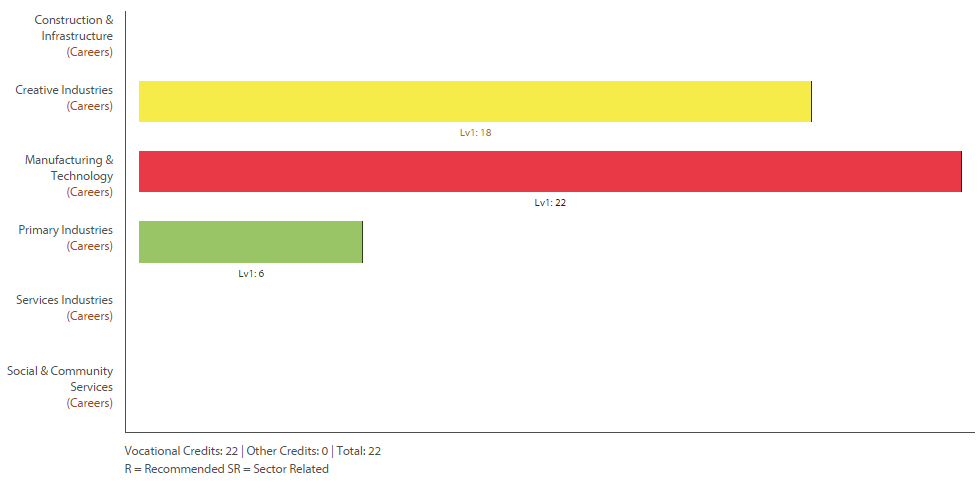
91077 : Demonstrate understanding of basic concepts used in the design and construction of electronic environments, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91078 : Implement basic interfacing procedures in a specified electronic environment, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91079 : Implement basic techniques in constructing a specified electronic and embedded system, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91080 : Demonstrate understanding of the common components of basic digital infrastructures, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91081 : Implement basic procedures for servicing a personal computer system, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpg



Level Two Standards are available for students successfully achieving Level One. Negotiated with teacher.

Level One Home Economics [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills in food safety and nutrition.

Pathway – This course can lead to [Level Two Catering](#L2Catering).

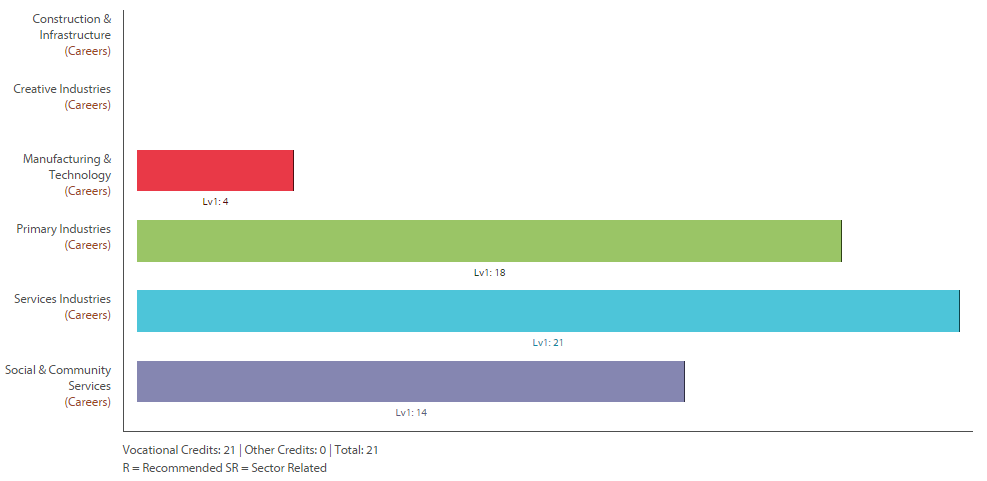
Recommended Entry – An interest in food and food preparation.

Course Outline – Home Economics develops the students’ knowledge and understanding of food and nutrition with an emphasis on food for teenagers. Students will complete three achievement standards and one hospitality standard. They will also complete one external standard.

Course Fees – $50 for materials that are used in creating the meals.

Assessment Information – 21 Credits (4 External)

* 15921 : Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpg
* 90956 : Demonstrate knowledge of an individual's nutritional needs, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg
* 90959 : Demonstrate knowledge of practices and strategies to address food handling issues, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg
* 90961 : Demonstrate understanding of how packaging information influences an individual's food choices and well-being, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg
* 91082 : Implement basic procedures to process a specified product, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpg



Level One Textiles [*Return To Contents*](#Contents)

Purpose – To establish skills and understanding of technological practise with soft materials.

Pathway – This course can lead to [Level Two Textiles](#L2Textiles).

Recommended Entry – A willingness to work with your hands and a keen interest in fabric and design.

Course Outline – This course starts off with basic understanding of patterns and the use of machines. Students will look at how designs are inspired, the use of design language and understanding of key aspects of design. Students will learn how to create some basic modified patterns.

Course Fees – $45 to cover the materials used in class, but students will need to provide additional materials for their assignment work as well.

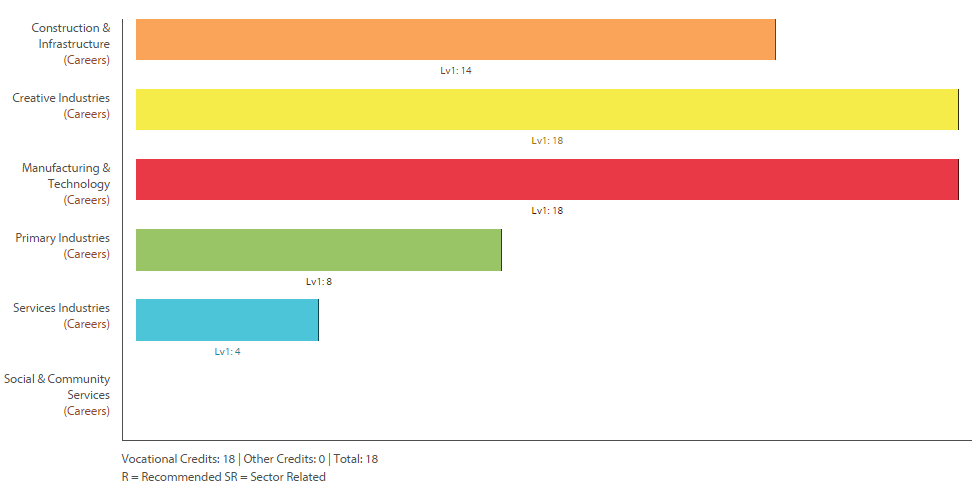
Assessment Information – 17 Credits (4 External *these are assessed as a portfolio/evidence of work there will be no exam*)

91044 : Undertake brief development to address a need or opportunity, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91048 : Demonstrate understanding of how technological modelling supports decision-making, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91058 : Implement basic procedures using textile materials to make a specified product, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91096 : Make basic adaptations to a pattern to enable a design to fit a person or item, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Media Design [*Return To Contents*](#Contents)

Purpose – To develop knowledge and skills with design programmes while learning the principles and elements of design.

Pathway – This course can lead to [Level Two Media Design](#L2MediaDesign).

Recommended Entry – Year 10 ICT.

Course Outline – This course challenges the student to think about how we use Visual Design in our lives to communicate ideas. The students will have a chance to learn Dreamweaver, Photoshop and Microsoft products.

Course Fees – Usual fees and print credit.

Assessment Information – 20 Credits (3 External)

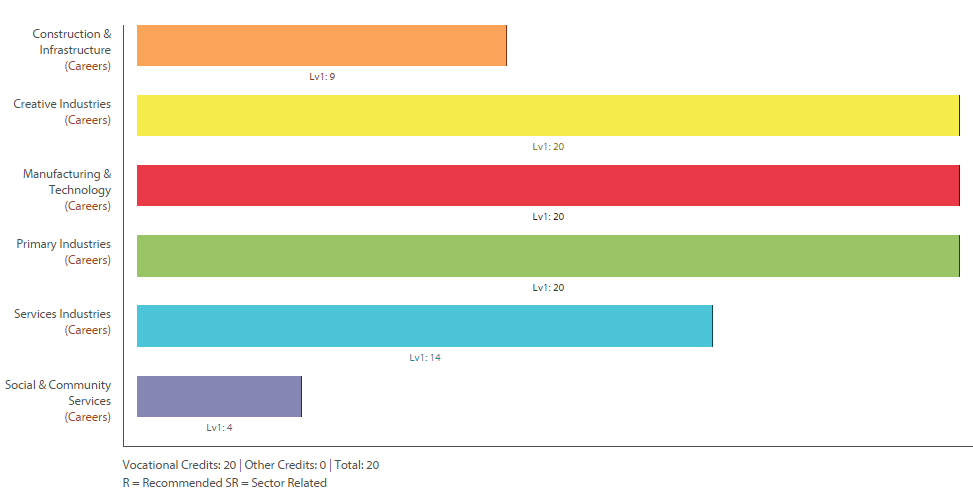
91047 : Undertake development to make a prototype to address a brief, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91053 : Demonstrate understanding of design elements, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91071 : Implement basic procedures to produce a specified digital info outcome, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91072 : Demonstrate understanding of basic concepts of digital media, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91073 : Implement basic procedures to produce a specified digital media outcome, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level One Product Design [*Return To Contents*](#Contents)

Purpose – This course is about students using creative ways to solve design based problems. They will learn a variety of techniques and theories to design and manufacture products as solutions to real world problems.

Pathway – This course can lead to [Level Two Product Design](#L2ProductDesign) and/or [Level Two Building](#L2BuildingandConstruction) and/or [Level Two Tools For Work](#L2Toolsforwork).

Recommended Entry – A keen attitude and a willingness to create and design.

Course Outline – This course requires students to manufacture a specified product and develop that product to meet the needs of the intended user.

Course Fees – $55.

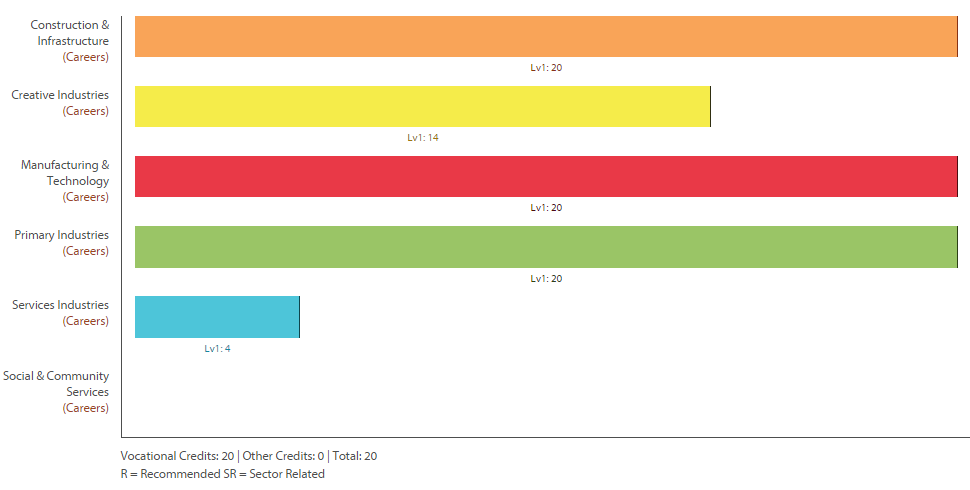
Assessment Information – 20 Credits (4 External *these are assessed as a portfolio/evidence of work there will be no exam*)

91044 : Undertake brief development to address a need or opportunity, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91047 : Undertake development to make a prototype to address a brief, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91049 : Demonstrate understanding of how materials enable technological products to function, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91057 : Implement basic procedures using resistant materials to make a specified product, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg



Level One SPEC [*Return To Contents*](#Contents)

Purpose – SPEC stands for “Specific Preparation for Employment and Citizenship : Developing the Key Competencies” - To develop the key competencies (from the NZ Curriculum Document) and prepare the students for part time and/or full time employment.

Pathway – This course can lead to [Level Two SPEC](#L2SPEC).

Recommended Entry – There is open entry to this course for all students.

Course Outline – This course challenges the students to identify their strengths and prove opportunities to demonstrate the “Key Competencies” (thinking, relating, participation & contribution, managing self and using language/symbols/text). This is done through a personal development programme. At year 11 students complete the SPEC ‘Shooting Star’ and ‘One Star Award’ which are part of the requirements for the NZQA approved “Certificate of Mainstream Studies Level One” which is completed over two years. Alongside these students complete unit standards based around preparation for employment. [Gateway](#Gateway) can also sit alongside the SPEC programme and additional unit standards may also be made available where needed.

Course Fees – $20 and print credit.

Assessment Information – 17 Level One Credits and 5 Level Two Credits (0 External)

497 : Demonstrate knowledge of workplace health and safety requirements, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

504 : Produce a CV (curriculum vitae), Level 1, 2 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg

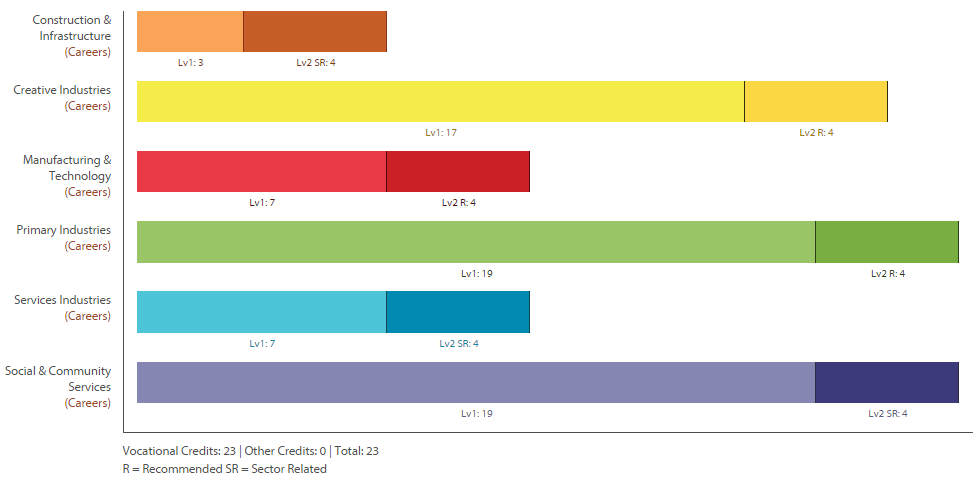
1285 : Make inquiries and complete practical transactions, Level 1, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

3501 : Demonstrate knowledge of and apply listening techniques, Level 1, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

3503 : Participate and communicate in a team or group to complete a routine task, Level 1, 2 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

9707 : Demonstrate knowledge of workplace communications requirements, Level 1, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

17593 : Apply safe work practices in the workplace, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries_sr.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services_sr.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

 Level One Te Reo Maori [*Return To Contents*](#Contents)

Purpose – To provide student with basic reading, writing and speaking skills in Te Reo.

Pathway – This course can lead to [Level Two Te Reo](#L2Maori).

Recommended Entry – Year 10 Te Reo Maori.

Course Outline – This Level One academic course includes the study of Te Reo Maori me Tikanga. The course provides students an opportunity to connect with the Maori culture and language.

Course Fees – There are no course fees.

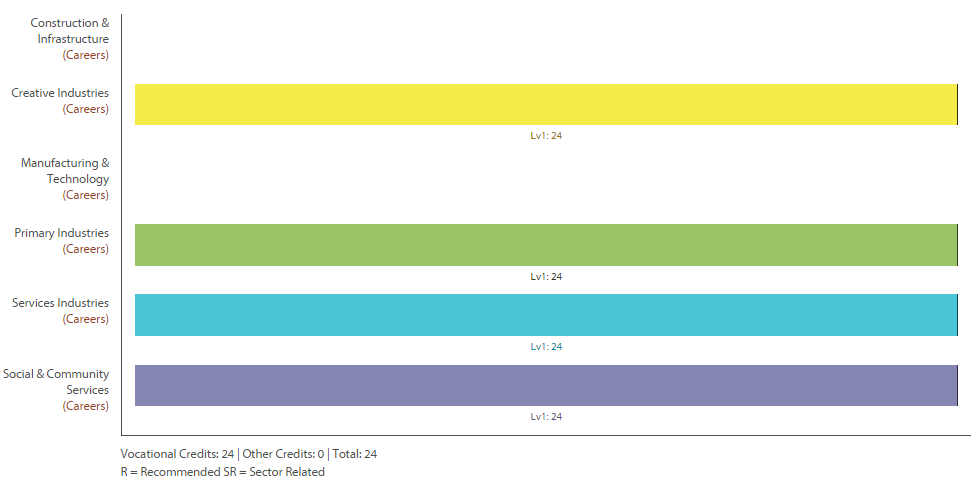
Assessment Information – 24 Credits (12 External)

91085 : Whakarongo kia mohio ki te reo o tona ao, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91086 : Korero kia whakamahi i te reo o tona ao, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91087 : Panui kia mohio ki te reo o tona ao, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91088 : Tuhi i te reo o tona ao, Level 1, 6 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Accounting [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills in Accounting.

Pathway – This course can lead to [Level Three Accounting](#L3Accounting).

Recommended Entry – [Level One Accounting](#Accounting) or Mathematics ([Advanced](#AdvancedMaths)).

Course Outline – This course is aimed students who have completed Level One Accounting. Students who have not taken Level One Accountancy can do this course if they are sufficiently motivated and confident with Mathematics. The course is essentially a more in-depth study of what was learnt in Level One, regarding business and finance.

Course Fees 2016 – $10 Course Materials.

Assessment Information – 15 Credits (9 External) -

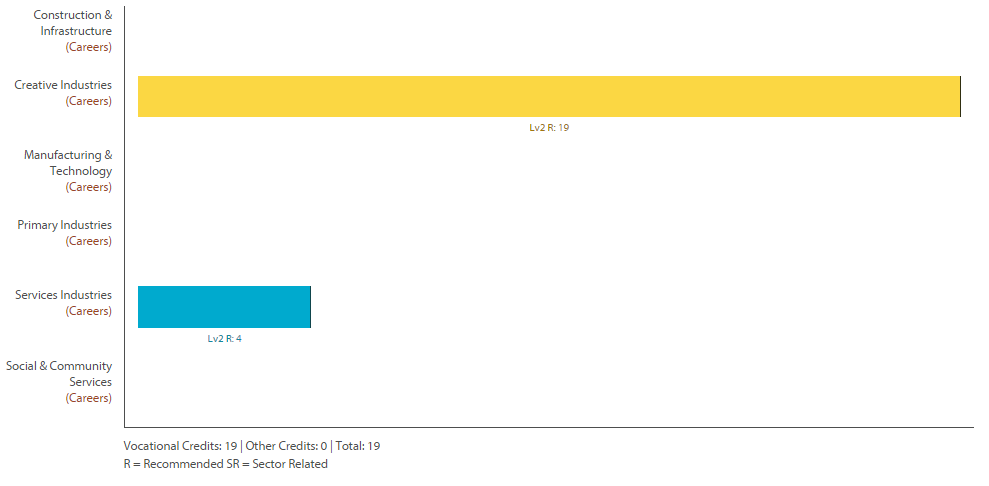
91175 : Demonstrate understanding of accounting processing using accounting software, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpg

91176 : Prepare financial information for an entity that operates accounting subsystems, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91177 : Interpret accounting information for entities that operate accounting subsystems, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91179 : Demonstrate understanding of an accounts receivable subsystem for an entity, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91386 : Demonstrate understanding of an inventory subsystem for an entity, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Advanced English [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – English at Waihi College seeks to nurture the key skills you have, and develop then so that you can live and learning today and in the future. English is about thinking; using language, symbols and texts; participating and contributing; relating to others and managing self.

Pathway – This course includes University Entrance Literacy Standards and leads to [Level Three English](#L3English)

Recommended Entry – Evidence of good passing grades in [Level One Advanced English](#AdvancedEnglish) or [Level One English](#English) – including at least one externally assessed Level One English standard.

Course Outline – This course is designed for students who may not easily achieve UE literacy across their other subjects. Credits gained can also contribute to a range of career pathways including, polytechnic course entrance requirements, and a range of vocational pathways. Preferably, students who take this course will have a minimum of 15 Level 1 English credits (this includes credits gained from an external). It is not suitable for those who wish to progress to Level 3 English and who may wish to study English or an associated subject at university level.

Course Fees – There are no course fees.

Assessment Information – possible 21 Credits (8 External) -

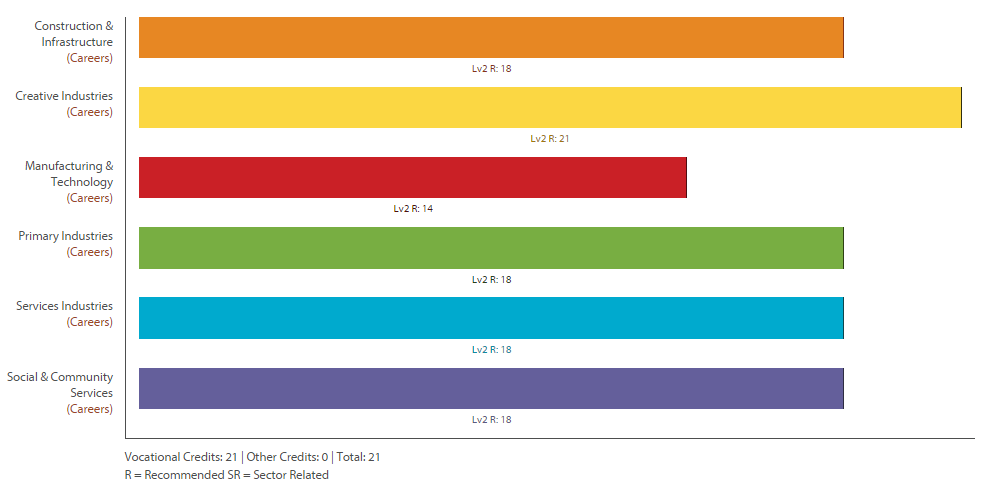
91099 : Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence, L2, 4 crds http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Writing)*

91100 : Analyse significant unfamiliar written text(s) through close reading, with evidence, L2, 4 crds http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading and Writing)*

91101 : Produce a selection of crafted and controlled writing, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Writing)*

91104 : Analyse significant connections across texts, supported by evidence, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91107 : Analyse visual and/or oral text(s) through close viewing and/or listening, supported by evidence, L2, 3 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Advanced Mathematics [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills of Mathematical Techniques

Pathway – This course leads into [Level Three Calculus](#L3Calculus) and/or [Level Three Statistics](#L3Statistics).

Recommended Entry – Merit or Excellence grades from the Level One Algebra external (the MCAT).

Course Outline – This course is designed for students who are aiming for the highest grades in Mathematics. The course is highly recommended for students who wish to take Calculus in Level Three or University Mathematics. There is a strong focus on algebra and calculus along with other topics such as statistics, trigonometry and probability.

Course Fees – Workbooks (approximately $15) and a calculator (a graphical calculator is highly recommended).

Assessment Information – 20 Credits (13 External) The standards will be chosen from -

91258 : Apply sequences and series in solving problems, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

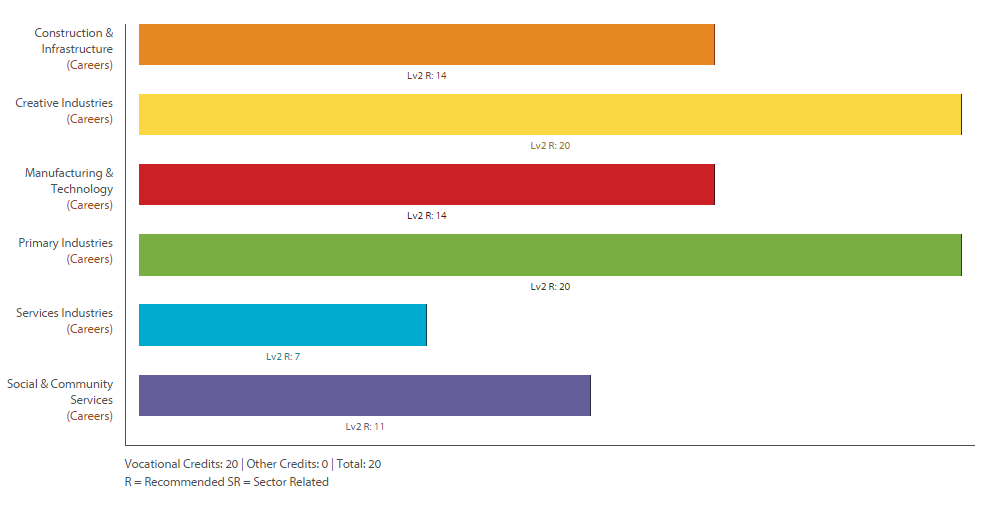
91261 : Apply algebraic methods in solving problems, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91262 : Apply calculus methods in solving problems, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91265 : Conduct an experiment to investigate a situation using statistical methods, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91267 : Apply probability methods in solving problems, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91268 : Investigate a situation involving elements of chance using a simulation, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Building and Construction [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills in building and furniture making.

Pathway – This course can lead to [Level Three Building and Construction](#L3BuildingandConstruction).

Recommended Entry – [Level One Building](#Building) and/or [Level One Graphics](#Graphics) and/or [Level One Product Design](#ProductDesign).

Course Outline – This is a Building Industry based course for students who wish to take a pathway into tertiary or trade related courses/careers. Students will use a wide selection of power and machine tools. They will create more challenging projects. These may include; sheds, ‘cape cod’ chairs, tables, step ladders and stools. Assessed work with include both written material and finished products.

Course Fees – $55 for materials that are used in the outdoor furniture. *N.b. at the end of the course the finished products are the students to keep.*

Assessment Information – 14 Credits Compulsory and 19 Optional (0 External *all of the standards are unit standards and therefore only have maximum ‘Achieved’ level grades*) -

Compulsory Standards

12927 : Identify, select, maintain, and use hand tools for BCATS projects, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg

24350 : Identify, select, maintain, and use portable power tools for BCATS projects, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg

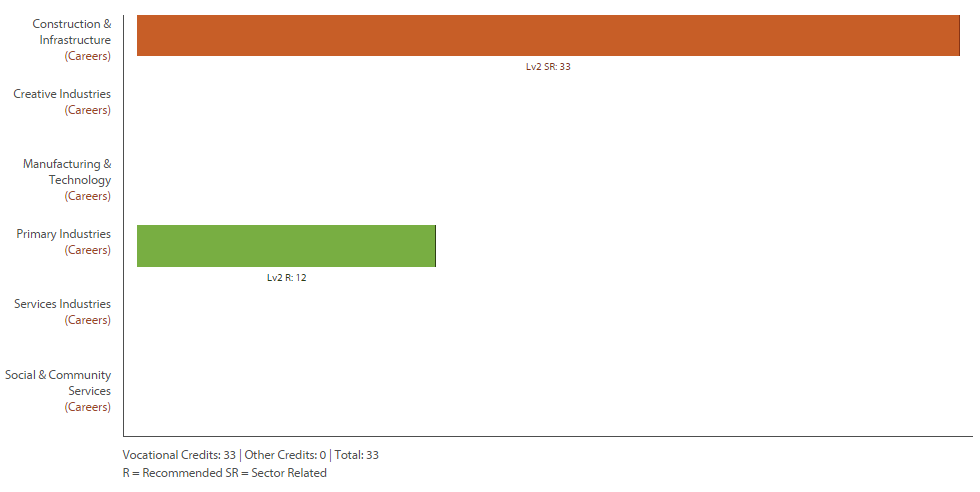
24358 : Plan and monitor the construction of a BCATS project, and quality check the product, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpg

Optional Standards

12932 : Construct timber garden furniture and items of basic construction equipment as a BCATS project, Level 2, 8 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpg

12936 : Construct a non-consent timber framed utility building as a BCATS project, Level 2, 8 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpg

22607 : Read and interpret plans, working drawings and specifications for BCATS projects, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpg



Level Two Automotive [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills in automotive maintenance/structure/mechanics.

Pathway – This course can lead to Polytechnic type courses.

Recommended Entry – This course is open entry to any able and keen students.

Course Outline – This is a practically based course where students will learn about motor vehicles. Course learning will include: dismantling motors, complete vehicle maintenance, panel beating and painting. Student will gain Industry Standards so there is some theory work required.

Course Fees – There are no course fees.

Assessment Information – 12 Credits (0 External *all of the standards are unit standards and therefore only have maximum ‘Achieved’ level grades*) -

231 : Explain the operation of two and four stroke petrol and diesel engines, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg

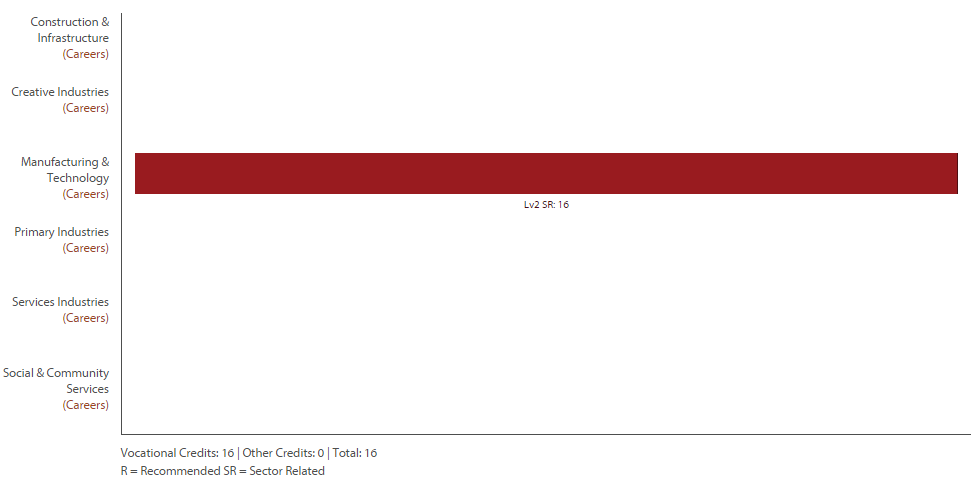
16113 : Demonstrate knowledge of safe working practices in an automotive workshop, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg

21669 : Demonstrate knowledge of hand tools and workshop equipment for motor industry applications, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg

21674 : Demonstrate knowledge of terminology used in the motor industry, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg

21683 : Demonstrate knowledge of MIG welding in the motor industry, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg

21858 : Demonstrate good work habits and perform safe work practices in the motor and related industries, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg



Level Two Catering [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop skills in cooking and presentation of food as well as nutrition and food safety.

Pathway – This course can leads to [Level Three Catering](#L3Catering).

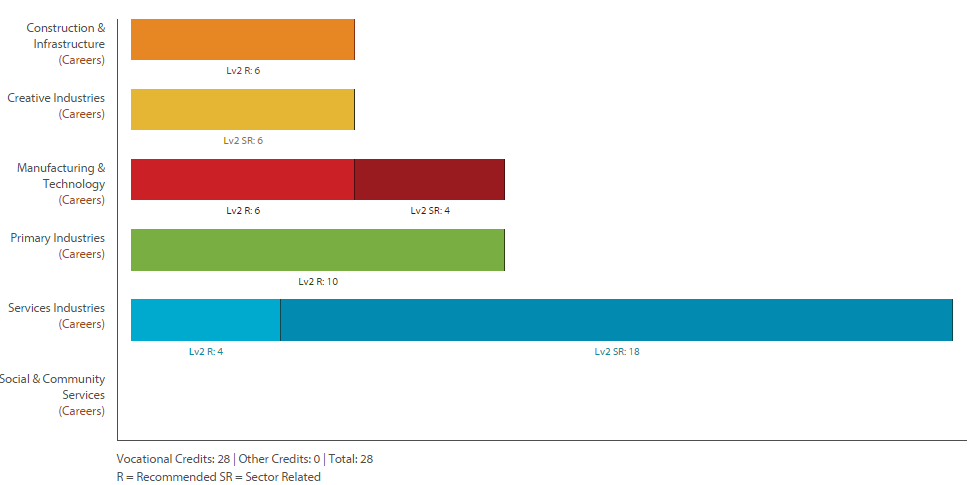
Recommended Entry – [Level One Home Economics](#Food) is useful but not essential.

Course Outline – This course is a combination of Home Economics and Technology Achievement Standards and Service IQ Industry Unit Standards. The Service IQ standards include food safety, knife skills, baking and coffee appreciation. Not all students will do all standards – there is flexibility in this course so that students are able to do the standards that are most suited to their individual needs. Level Two Catering students are expected to help with catering for school functions and they may have the opportunity to run a café.

Course Fees – $65.

Assessment Information – 28 Credits (0 External) -

* 167 : Practise food safety methods in a food business, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg
* 13276 : Cook food items by grilling, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg
* 13283 : Prepare and present salads for service, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg
* 13285 : Handle and maintain knives in a commercial kitchen, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg
* 17285 : Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg
* 17286 : Prepare and present pressed coffee for service, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg
* 17287 : Prepare and present filtered coffee for service, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg
* 91351 : Implement advanced procedures to process a specified product, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpg
* 91356 : Develop a conceptual design for an outcome, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg



Level Two & Three Childcare [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – Over a two year period students at Waihi College will be offered the chance to complete a ‘National Certificate in Early Childhood Care and Education’ (Level Three). This is done in conjunction with [Gateway](#Gateway).

Pathway – This course leads to entry level certificates and diplomas such as [Waikato University](https://education.waikato.ac.nz/qualifications/undergraduate-degrees/bachelor-of-teaching/btchg-ki-taiao/) or [Wintec](http://www.wintec.ac.nz/courses/SitePages/bachelor/teaching-early-childhood-education.aspx) or [BOP Polytechnic](https://www.boppoly.ac.nz/go/programmes-and-courses/education/national-certificate-in-early-childhood-education-and-care-lev-0).

Recommended Entry – Entry is open to any student with an interest in working with young people

Course Outline – There is a component of 80 hours of time spent in childcare centres in the area – this is to build up the skills needed to gain the standards (a further 13 Level Three credits). This is not compulsory but highly recommended.

Course Fees – No fee.

Assessment Information – 35 Credits (0 External) -

* 10019: Child Safety, (Internal 4 credits), Level Three
* 10020: Keep clean and safe, (Internal 2 credits), Level Two
* 10024: Promoting good health, (Internal 2 credits), Level Two
* 26712: Nutrition, (Internal 4 credits), Level Two
* 26708: Communication, (Internal 5 credits), Level Three
* 26709: Observation of a child, (Internal 3 credits), Level Three - *Gateway Credits.*
* 20407: Cultural diversity, (Internal 4 credits), Level Three
* 27145: Learning plans, (Internal 4 credits), Level Three - *Gateway Credits.*
* 26707: Play, (Internal 6 credits), Level Three - *Gateway Credits.*



*Note not all these standards were on the* [*profile builder*](http://youthguarantee.net.nz/vocational-pathways/profile-builder/) *website*

Level Two Drama [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills in Drama. To establish academic and professional pathways.

Pathway – This course can lead to [Level Three Drama](#L3Drama).

Recommended Entry – [Level One Drama](#Drama) is recommended, but not essential. Important to have an established interest in drama, production and/or live performance.

Course Outline – The Level Two Drama programme offers some workshops in Dramatic technique, script work, and devising. It provides students the opportunity to participate in significant productions and explores the links between classical and contemporary literature and contemporary physical theatre. Students will attend professional theatrical productions as a part of their coursework. The course continues the students’ academic pathways towards tertiary study and introduces a formal academic element to the work. The Level Two Drama course continues to build upon the students first hand experiences of Drama related professions and enables students to form professional relationships with potential employers. Students will be encouraged to extend their ideas towards developing their own business endeavours.

Course Fees – $20 and $48 Field Trip (Red Leap)

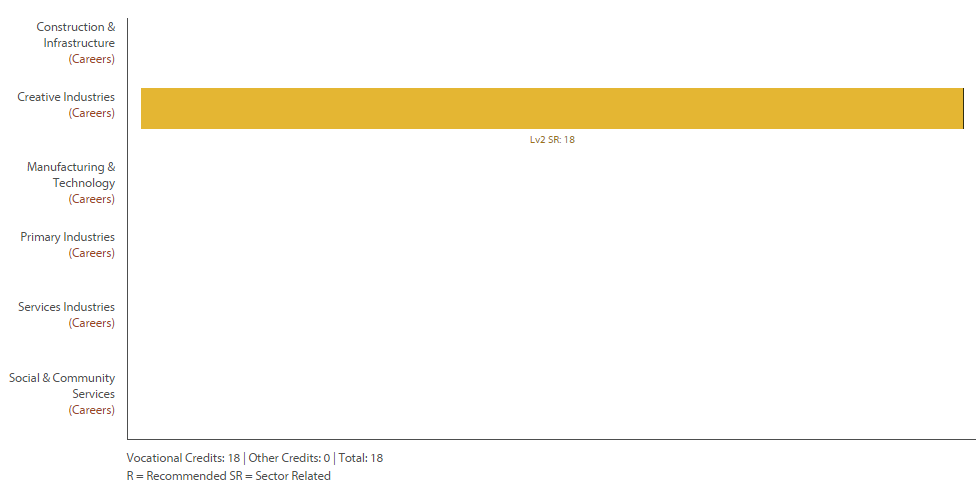
Assessment Information – 18 Credits of which 4 are externally assessed (note all standards offered in Level One Drama contribute to the Literacy component of NCEA level one). Additional performing arts technology units in areas such as lighting, construction and set design can be made available for students who signal their interest.

91213 : Apply drama techniques in a scripted context, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91214 : Devise and perform a drama to realise an intention, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91218 : Perform a substantial acting role in a scripted production, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg *(UE Reading)*

91219 : Discuss drama elements, techniques, conventions and technologies within live performance, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg *(UE Writing)*



Level Two English (Targeting UE) [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – English at Waihi College seeks to nurture the key skills you have, and develop them so that you can live and learning today and in the future. English is about thinking; using language, symbols and texts; participating and contributing; relating to others and managing self.

Pathway – This course includes University Entrance Literacy Standards and is intended to be the final year of English for able academic students (students wanting to do Level Three English should opt for [Level Two Advanced English](#L2AdvancedEnglish)).

Recommended Entry – Evidence of passing grades in [Level One Advanced English](#AdvancedEnglish) or [Level One English](#English) – students must have a passing grade in external 90851 or 90850).

Course Outline – This course is designed for students who may not easily achieve UE literacy across their other subjects. Credits gained can also contribute to a range of career pathways including, polytechnic course entrance requirements, and a range of vocational pathways. It is not suitable for those who wish to progress to Level 3 English and who may wish to study English or an associated subject at university level.

Course Fees – There are no course fees.

Assessment Information – possible 17 Credits (8 External) -

91100 : Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading and Writing)*

91101 : Produce a selection of crafted and controlled writing, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Writing)*

91105 : Use information literacy skills to form developed conclusion(s), L2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading)*

91107 : Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Geography [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – Geography gives students a multidisciplinary or holistic view of the world, combining knowledge, skills, and understandings of the physical and social sciences. It fosters a curiosity about place and space, and provokes questions about natural and cultural environments and their interconnectedness. Geography provides opportunities through fieldwork for first-hand investigations of places, environments, and human activities. It helps students make sense of complex issues such as climate change, ageing populations, urban growth, land conflicts, globalisation, and sustainability.

Pathway – This course can lead to [Level Three Geography](#L3Geography).

Recommended Entry – [Level One Geography](#Geography).

Course Outline – The Level Two academic course has two broad themes. One is physical inter-relationship, using a case study of the South Island high country. Issues like deforestation and Pest Control are also examined. The second theme is about urban settlements and patterns around the world with case studies of various cities, and in particular Dubai. At the same time skills to do with using maps and a variety of other information sources are followed up and these are applied to research work. Other contexts include; the current New Zealand geographic issue of 1080 poison, and a global issue of desertification.

Course Fees – Fees for a field trip to the South Island $620.

Assessment Information – 22 Credits (8 External) -

91189 : Investigate geological processes in a New Zealand locality, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpg

91240 : Demonstrate geographic understanding of a large natural environment, L2, 4crds http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries_sr.jpg *(UE Reading and Writing)*

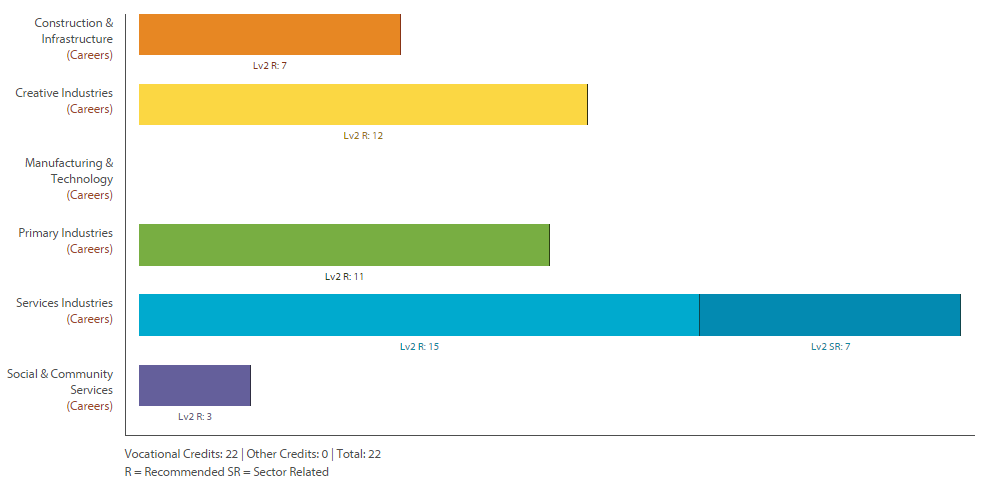
91241 : Demonstrate geographic understanding of an urban pattern, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

91243 : Apply geography concepts and skills to demonstrate understanding of environment, L2, 4 crds http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91244 : Conduct geographic research with guidance, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91245 : Explain aspects of a contemporary New Zealand geographic issue, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91246 : Explain aspects of a geographic topic at a global scale, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpg



Level Two Horticulture [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills in Horticulture.

Pathway – This course can lead to [Level Three Agriculture](#L3Agriculture).

Recommended Entry –Level One Horticulture would help but is not essential. Students do need to get their hands dirty and be enthusiastic.

Course Outline – Level Two Horticulture involves learning more about how plants grow and function, and factors that affect plant growth. The practical work involves producing new plants using a number of propagation techniques. This means learning ways to produce new plants from existing plants without growing them from seed. Care and maintenance of the new plants is also part of the course. We shall also be learning about the environmental impact of horticultural operations.

Course Fees – No fees.

Assessment Information – 24 Credits (0 External) -

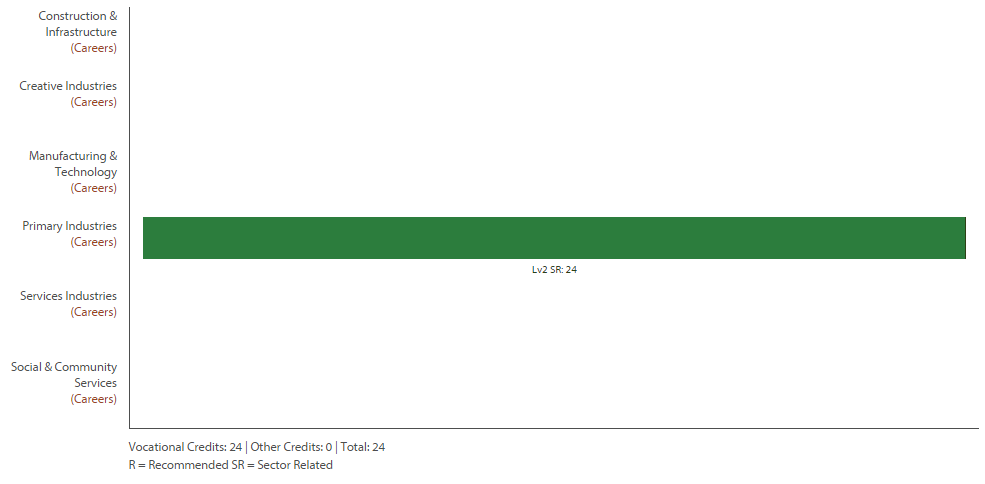
22177 : Demonstrate knowledge of the structure and function of plants, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

22183 : Plant out horticulture crops by hand, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

22191 : Demonstrate knowledge of factors which influence plant growth, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

27707 : Demonstrate knowledge of plant propagation by budding, grafting, layering and tissue culture, Level 2, 5 crds http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg

91298 : Report on the environmental impact of the production of a locally produced primary product, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries_sr.jpg



Level Two Biology [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills in Biological Sciences.

Pathway – This course can lead to [Level Three Biology](#L3Biology).

Recommended Entry – [Level One Science](#Science) – achieved in all the biology standards.

Course Outline – Biology is the study of life. This course covers: practical investigations, interactions of humans, evolution, patterns in populations/communities, cell structure/function and genetics. There is a three day field trip to Goat Island marine reserve, Tiritiri Matangi, Kelly Tarltons, and the Miranda Bird Sanctuary.

Course Fees – Fees for a field trip to Goat Island $280 (approx.) plus workbook $29.70.

Assessment Information – 22 Credits (12 External) -

91155 : Demonstrate understanding of adaptation of plants or animals to their way of life, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg

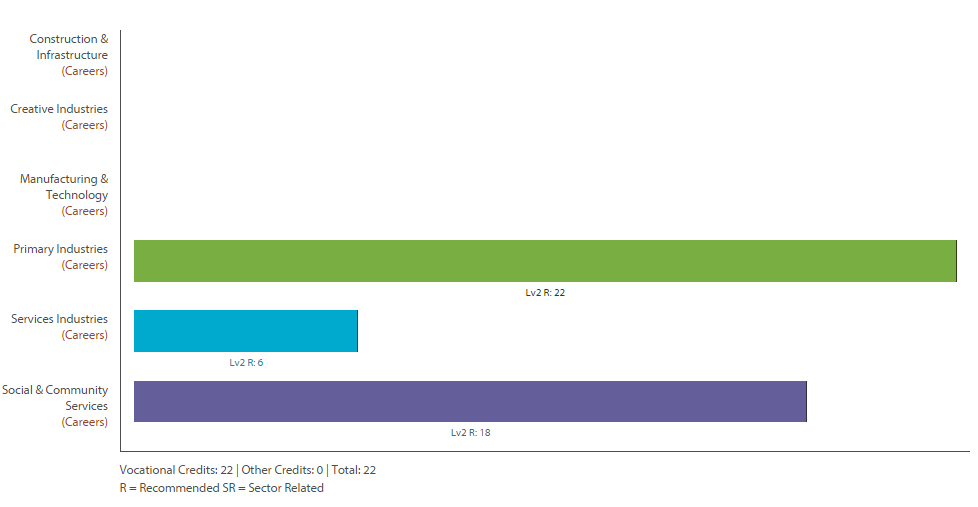
91156 : Demonstrate understanding of life processes at the cellular level, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg

91157 : Demonstrate understanding of genetic variation and change, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg

91158 : Investigate a pattern in an ecological community, with supervision, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

91159 : Demonstrate understanding of gene expression, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg

91160 : Investigate biological material at the microscopic level, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg



Level Two Chemistry [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To better understand the world around us at the molecular level. To more fully appreciate future challenges facing humankind – pollution, treatment of disease, climate change and the need for clean energy – and the opportunities presented by new technologies.

Pathway – This course can lead to [Level Three Chemistry](#L3Chemistry).

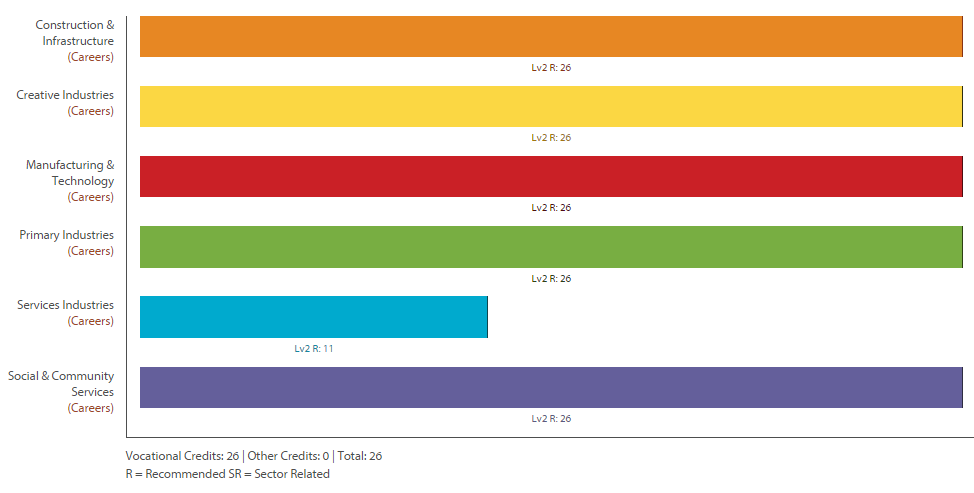
Recommended Entry – [Level One Science](#Science) – achieved in the external Science standard.

Course Outline – This course provides students with a good grounding in the basics of Chemistry. Students will do practical standards to identify unknown salts and to measure the strengths of acids and bases. A third internal looks at redox reactions. Theory topics include organic chemistry, bonding and structures in chemicals, and chemical reactions. Students will also carry out a research assignment on recent chemical technology.

Course Fees – Fees for course notes $10.

Assessment Information – 26 Credits (13 External – n.b. 1 of the 3 externals (91166) is optional)-

* 91161 : Carry out quantitative analysis, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91162 : Carry out procedures to identify ions present in solution, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91163 : Demonstrate understanding of the chemistry used in the development of a current technology, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91164 : Demonstrate understanding of bonding, structure, properties and energy changes, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91165 : Demonstrate understanding of the properties of selected organic compounds, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91166 : Demonstrate understanding of chemical reactivity, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91167 : Demonstrate understanding of oxidation-reduction, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Graphics (DVC) [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – Graphics (aka Design and Visual Communication) develop knowledge and skills in designing Architecture and Products.

Pathway – This course can lead to [Level Three Graphics](#L3Graphics).

Recommended Entry – [Level One Graphics](#Graphics).

Course Outline – This course challenges students to think about the fundamentals of design and how this is used in developing products and architecture. Briefs or units of work are used to solve architectural or design problems. Design skills, drawings skills, computers and presentation skills are all used to help solve these problems. Students will learn to use sketching techniques, produce formal drawings using instruments, computer presentations and computer drawing programmes.

Course Fees – Students will need subject specific equipment and stationery.

Assessment Information – 21 Credits (6 External *these are assessed as a portfolio/evidence of work there will be no exam*) -

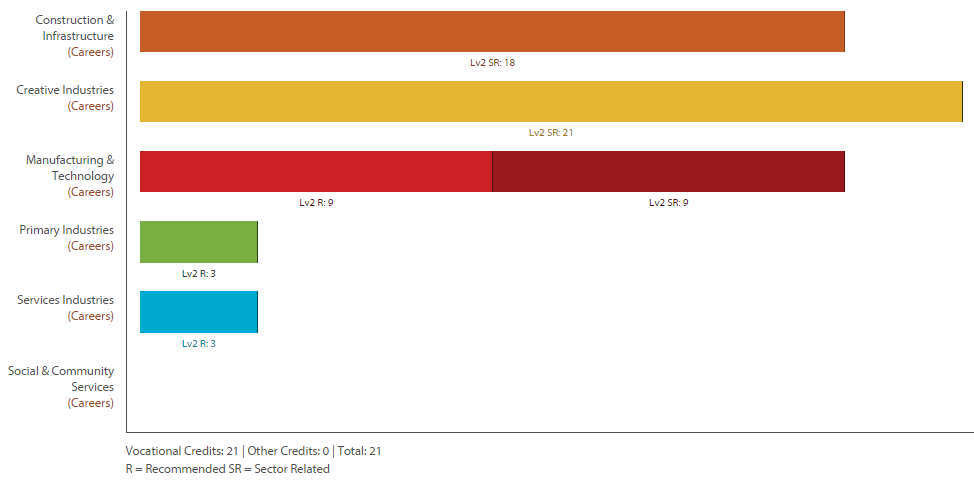
91337 : Use visual communication techniques to generate design ideas, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91339 : Produce instrumental perspective projection drawings to communicate design ideas, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91340 : Use the characteristics of a design movement or era to inform own design ideas, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91341 : Develop a spatial design through graphics practice, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91342 : Develop a product design through graphics practice, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg



Level Two Art Painting [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills in the field of Painting.

Pathway – This course can lead to [Level Three Art Painting](#L3Painting) and/or [Level Three Art Photography](#L3Photography).

Recommended Entry – [Level One Art Painting](#Painting) or [Level On Art Photography](#Photography).

Course Outline – This course challenges the student to develop art works and express ideas in a range of painting media and styles through the study of a number of artists’ working methods and ideas. Students expand their repertoire of drawing and painting skills, applying what they have learnt from practical studies of artist models. These skills are then applied in mixed media artworks which communicate ideas in an extended series of interrelated art works. The year’s work culminates in the two panel folio of work, the external assessment.

Course Fees – Materials and equipment fees of $40.

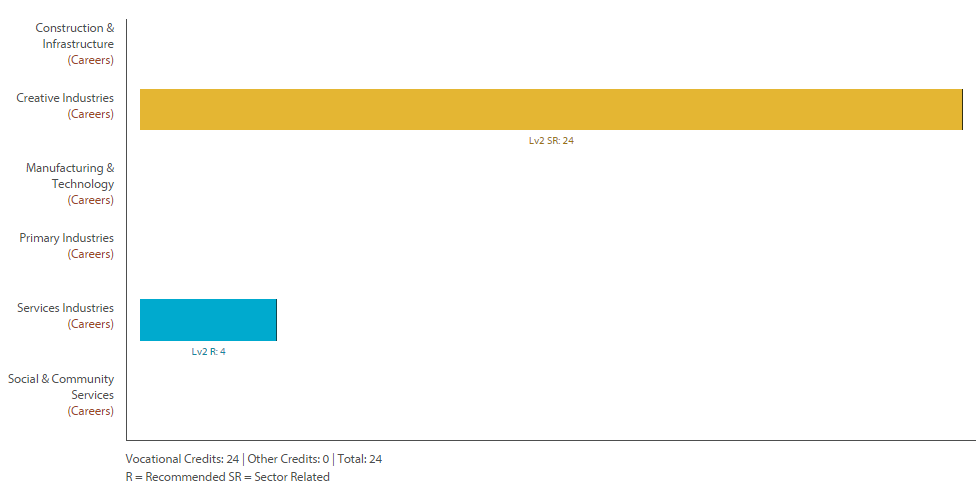
Assessment Information – 24 Credits (12 External *these are assessed as a portfolio/evidence of work there will be no exam*) -

91306 : Demonstrate an understanding of methods and ideas from established practice appropriate to painting., Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91311 : Use drawing methods to apply knowledge of conventions appropriate to painting., Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91316 : Develop ideas in a related series of drawings appropriate to established painting practice., Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91321 : Produce a systematic body of work that shows understanding of art making conventions and ideas within painting., Level 2, 12 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg



Level Two Health Education [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge of key Health components.

Pathway – This course can lead to [Level Three Health Education](#L3HealthEducation).

Recommended Entry – [Level One Health Education](#HealthEducation).

Course Outline – This course will offer you the opportunity to experience and participate in a wide range of activities in a variety of contexts. The main focus of this course is to equip you with the foundation knowledge of health if you wish to pursue this area in the future as well as improving a variety of interpersonal skills which will be useful in any context.

Course Fees – There are no course fees.

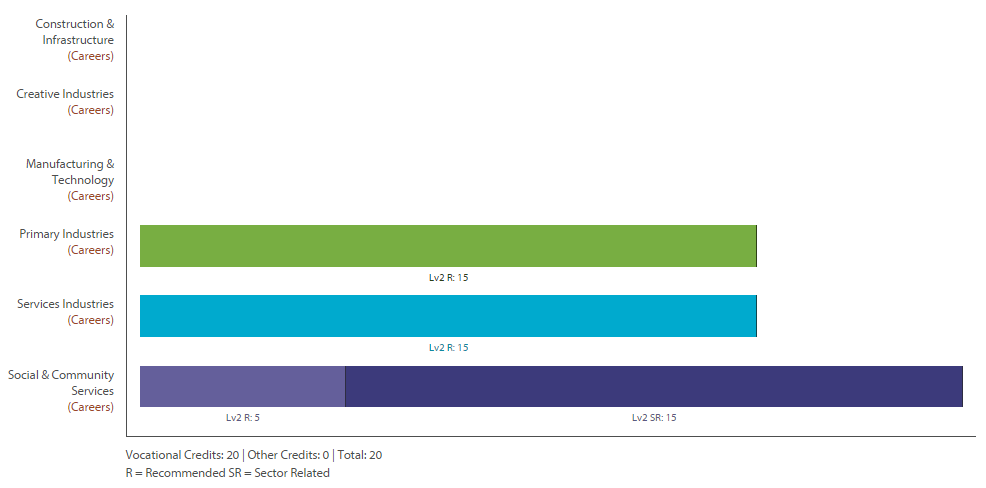
Assessment Information – 20 Credits (5 External) -

91235 : Analyse an adolescent health issue, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg

91236 : Evaluate factors that influence people's ability to manage change, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services_sr.jpg

91237 : Take action to enhance an aspect of people's well-being within the school or wider community, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services_sr.jpg

91239 : Analyse issues related to sexuality and gender to develop strategies for addressing the issues, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services_sr.jpg



Level Two History [*Return To Contents*](#NCEALevelTwoCourses)

NOT OFFERED 2016

Purpose – To develop knowledge and skills in History.

Pathway – This course can lead to [Level Three History](#L3History) or [Level Three Classics](#L3Classics).

Recommended Entry – [Level One History](#History) or [Level One English](#English) or [Level One Advanced English](#AdvancedEnglish).

Course Outline – This course involves units on the origins of World War One, Russia 1892-1926, Germany – Nazism and Vietnam. The internal assessments cover research, the writing of reports and radio broadcast. This course will appeal to students who are interested in current affairs and historical fiction. Skills from History are applicable in many other fields where organisation and essay skills are required.

Course Fees – There are no course fees.

Assessment Information – 23 Credits (9 External) -

91229 : Carry out an inquiry of an historical event or place that is of significance to New Zealanders, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91230 : Examine an historical event or place that is of significance to New Zealanders, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91231 : Examine sources of an historical event that is of significance to New Zealanders, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91232 : Interpret different perspectives of people in an historical event that is of significance to New Zealanders, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91233 : Examine causes and consequences of a significant historical event, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Te Reo Maori [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To provide students with basic reading, writing and speaking skills in Te Reo.

Pathway – This course can lead to Level Three Te Reo.

Recommended Entry – [Level One Te Reo Maori](#Maori)

Course Outline – This Level Two academic course continues and includes the study of Te Re Maori me Tikanaga.

Course Fees – There are no course fees.

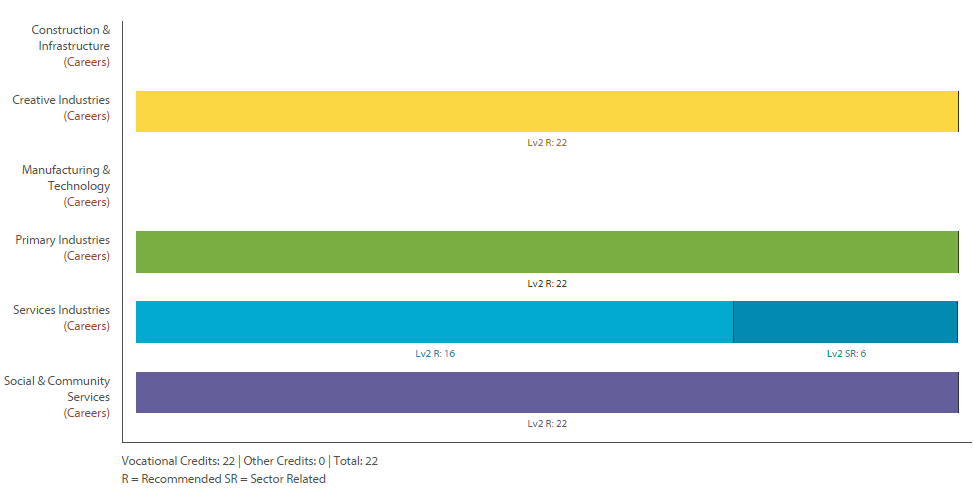
Assessment Information – 22 Credits (12 External) -

91284 : Whakarongo kia mohio ki te reo o te ao torotoro, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91285 : Korero kia whakamahi i te reo o te ao torotoro, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries_sr.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91286 : Panui kia mohio ki te reo o te ao torotoro, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91287 : Tuhi i te reo o te ao torotoro, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Mathematics [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills of Mathematical Techniques.

Pathway – This course can lead to [Level Three Statistics](#L3Statistics).

Recommended Entry – Numeracy obtained through Achievement Standards.

Course Outline – This course is designed for students who have done well at Level One and wish to continue studying mathematics at Level Two. This course will provide an opportunity for students who wish to study Level Three Statistics. Topics taught include statistics, trigonometry, probability simulations, sequences, probability and experiments. There is also a possibility of completing an additional external assessment on calculus.

Course Fees – $10 for a revision book and a scientific calculator.

Assessment Information – 18 Credits (4 External) -

91258 : Apply sequences and series in solving problems, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91259 : Apply trigonometric relationships in solving problems, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

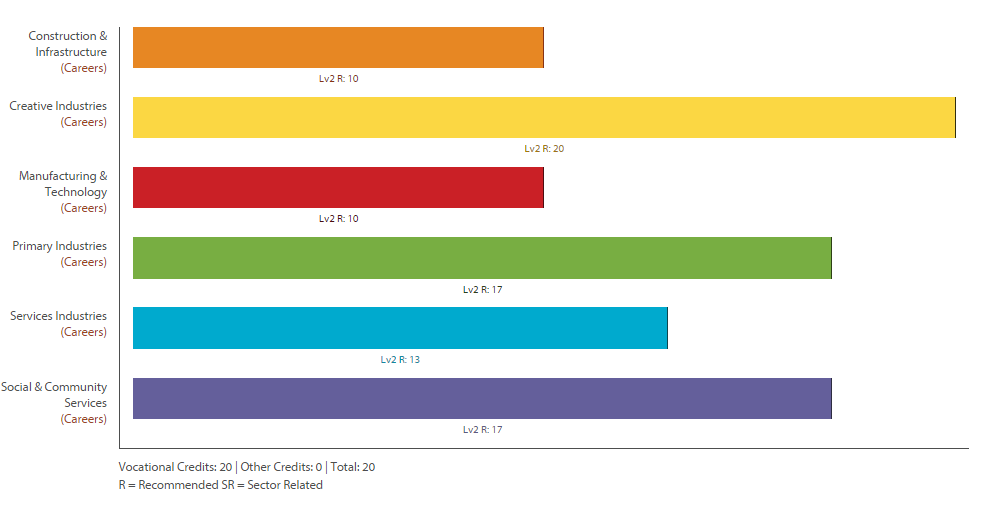
91260 : Apply network methods in solving problems, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91264 : Use statistical methods to make an inference, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91265 : Conduct an experiment to investigate a situation using statistical methods, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91267 : Apply probability methods in solving problems, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91268 : Investigate a situation involving elements of chance using a simulation, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Media Design [*Return To Contents*](#NCEALevelTwoCourses)

Purpose –To develop knowledge and skills with design programmes while learning the principles and elements of design to enable students to apply for Tertiary study.

Pathway – This course can lead to [Level Three Media Design](#L3MediaDesign).

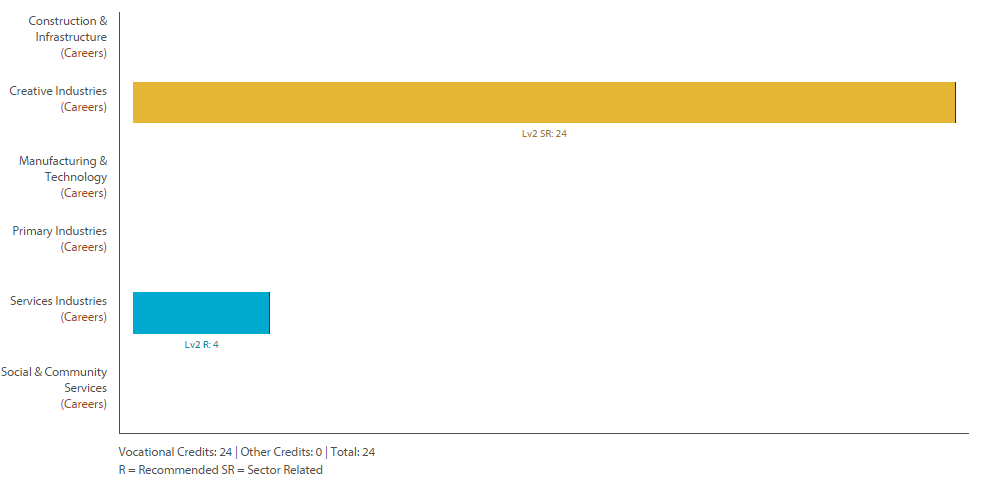
Recommended Entry – [Level One Media Design](#MediaDesign).

Course Outline – Students will be working closely with clients to develop a variety of outcomes. These may include print, website, animation or possible film. The students will have a chance to develop skills in Dreamweaver, Illustrator, Photoshop, Lash, Sony Vegas and Microsoft products.

Course Fees – Usual fees and print credit.

Assessment Information – 24 Credits (12 External) -

* 91305 : Demonstrate an understanding of methods and ideas from established practice appropriate to design., Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg
* 91310 : Use drawing methods to apply knowledge of conventions appropriate to design., Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg
* 91315 : Develop ideas in a related series of drawings appropriate to established design practice., Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg
* 91320 : Produce a systematic body of work that shows understanding of art making conventions and ideas within design., Level 2, 12 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg



Level Two Music [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills in Music.

Pathway – This course can lead to [Level Three Music](#L3Music).

Recommended Entry – [Level One Music](#Music) *(or through an interview with TIC of Music)*.

Course Outline – Level Two Music builds directly on the material covered in Level One and the course is almost the same but the required level of achievement is at a higher level. Students will perform, compose (using Sibelius software), Guitar Pro and research musical genre. Musical arranging is introduced at this level. Students will elect a variety of the available standards based on their level of interest and ability in different aspects of this course.

Course Fees – $20.

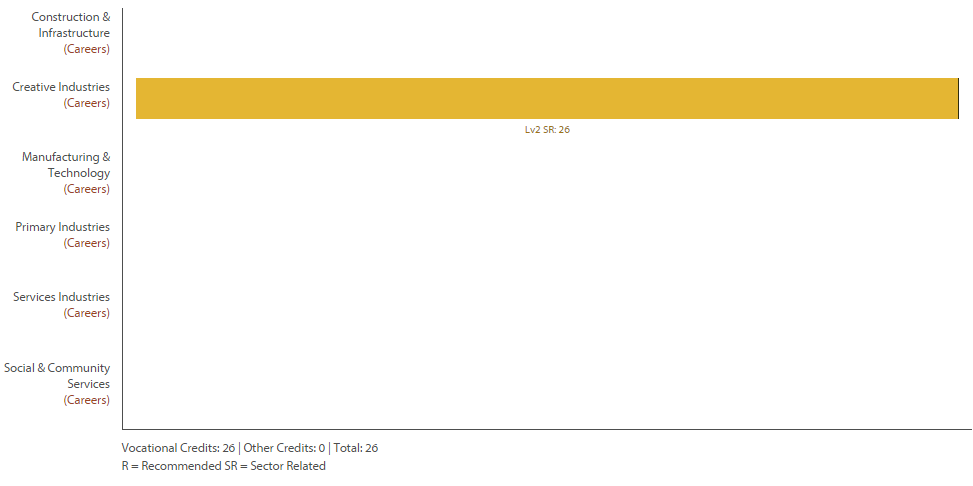
Assessment Information – Most students in L2 Music will do 22 Credits (0 External) -

91270 : Perform two substantial pieces of music as a featured soloist, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91271 : Compose two substantial pieces of music, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91272 : Demonstrate ensemble skills by performing a substantial piece of music as a member of a group, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91277 : Demonstrate understanding of two substantial contrasting music works, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg



There is the option to pick up extra credits in the following…

91273 : Devise an instrumentation for an ensemble, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91274 : Perform a substantial piece of music as a featured soloist on a second instrument, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91276 : Demonstrate knowledge of conventions in a range of music scores, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

Level 2 Outdoor Education [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge, skills and experience in a range of outdoor pursuits.

Pathway – This Level 2 course provides experience and expertise leading to increased competence and confidence in a wide range of outdoor activities. It provides 20 Level 2 credits and 5 Level 3 credits which come an Outdoor First Aid Certificate. This course leads to [Level 3 Outdoor Education](#L3OutdoorEducation).

Recommended Entry – [Level 1 Outdoor Education](#OutdoorEducation)

Course Outline – Extending on from the Level 1 course, this course aims to increase student’s skills and confidence in a broader range of activities and extending beyond our local environment. The course is based on specific unit standards at aimed at teaching students both the practice and theory required for each discipline. As well as specific skills in the outdoors, students will increase their understanding in leadership in the outdoors, risk management and hazard identification.

Course Fees – $600.00 (plus optional $550 for a PADI dive course)

Assessment Information – This course uses both achievement standards and unit standard at both level 2 and 3. (Level 2, 16 credits; Level 3, 5 credits)

431 : Navigate in good visibility on land, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg 424 1st Aid in remote location, Level 3, 5 credits

444 : Demonstrate basic rock climbing movement, Level 2, 1 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

457 : Mountain bike on intermediate to expert terrain, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

476 : Roll a kayak, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

485 : Demonstrate rafting skills on sheltered or slow-moving water, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

20157 : Demonstrate the use of basic rope systems for top rope rock climbing and abseiling, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

20159 : Gather and apply weather information to an outdoor recreation activity, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services_sr.jpg



n.b not all standards on this graph.

Level Two Art Photography [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills in the field of Photography.

Pathway – This course can lead to [Level Three Art Painting](#L3Painting) and/or [Level Three Art Photography](#L3Photography).

Recommended Entry – [Level One Art Painting](#Painting) or [Level On Art Photography](#Photography).

Course Outline – This course challenges the student to develop photographic art works and express ideas in a range of photographic styles through the study of a number of art photographers’ working methods and ideas. Students expand their repertoire of photography skills, applying what they have learnt from practical studies of artist models. These skills are then applied in mixed media artworks which communicate ideas in an extended series of interrelated art works. The year’s work culminates in the two panel folio of work, the external assessment.

Course Fees – $30 (subject fee) materials and equipment fees of $15 plus ongoing costs of print credit.

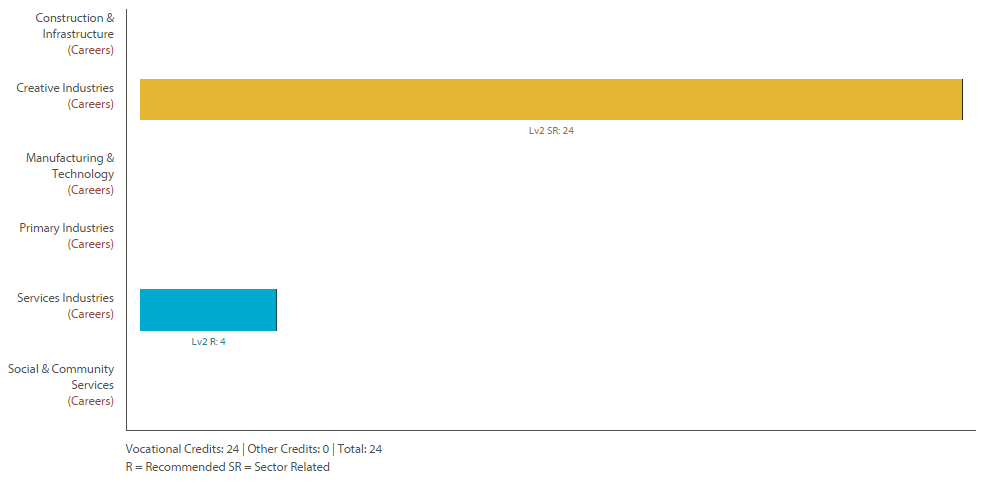
Assessment Information – 24 Credits (12 External *these are assessed as a portfolio/evidence of work there will be no exam*) -

91307 : Demonstrate an understanding of methods and ideas from established practice appropriate to photography., Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91312 : Use drawing methods to apply knowledge of conventions appropriate to photography., Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91317 : Develop ideas in a related series of drawings appropriate to established photography practice., Level 2, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91322 : Produce a systematic body of work that shows understanding of art making conventions and ideas within photography., Level 2, 12 credits http://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg



Level Two Physical Education [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To develop knowledge and skills in Physical Education.

Pathway – This course can lead to [Level Three Physical Education](#L3PhysicalEducation).

Recommended Entry – [Level One Physical Education](#PhysicalEducation) or [Level Sports Education](#SportsEducation) or [Level One Outdoor Education](#OutdoorEducation)

Course Outline – This course challenges the student to think about how the body responds to movement. Students will explore the local coastline in kayaks as well as volleyball, badminton and touch. Theory topics will include anatomy, exercise, physiology, skill learning and fitness studies. Students will also gain a certificate in first aid.

Course Fees – $5 snorkelling/kayaking

Assessment Information – 19 Credits (0 External) -

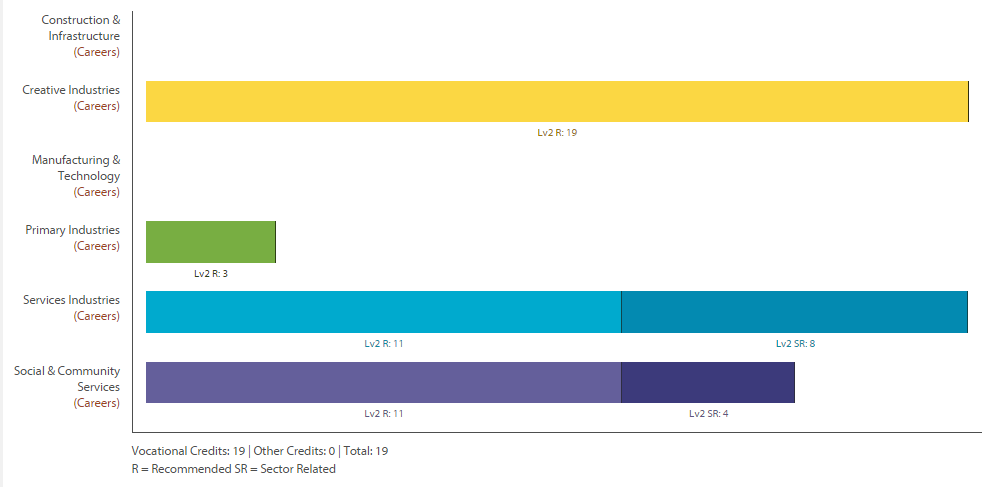
91328 : Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91330 : Perform a physical activity in an applied setting, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91332 : Evaluate leadership strategies that contribute to the effective functioning of a group, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services_sr.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91333 : Analyse the application of risk management strategies to a challenging outdoor activity, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries_sr.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91334 : Consistently demonstrate social responsibility through applying a social responsibility model in physical activity, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Product Design [*Return To Contents*](#NCEALevelTwoCourses)

Purpose –To design and manufacture a product in response to a design based problem.

Pathway – This course can lead to [Level Three Technology (Product](#L3Technology)) or [Level Three Building and Construction](#L3BuildingandConstruction).

Recommended Entry – [Level One Product Design](#ProductDesign) with completed Level One External.

Course Outline – This course not only requires students to manufacture a specified product but to develop that product to meet the specified needs of the intended user.

Course Fees – $55 and print credit.

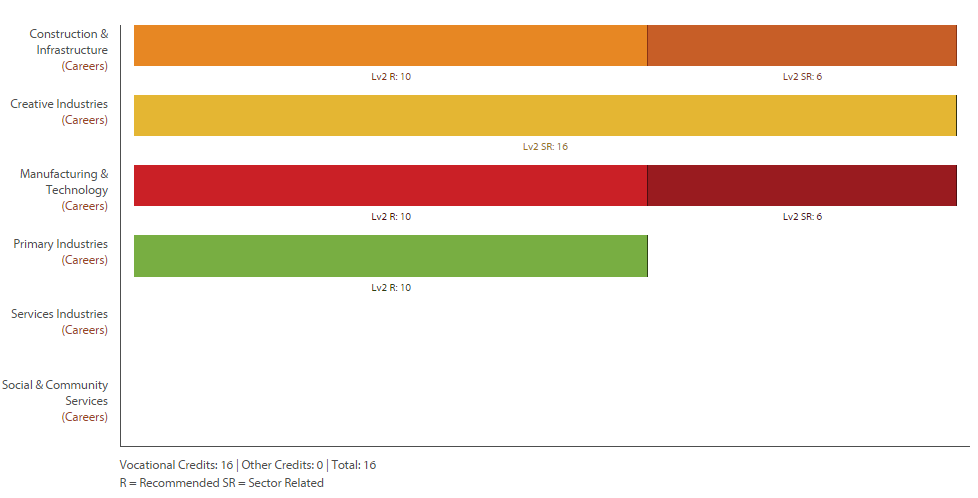
Assessment Information – 20 Credits (4 External) –

91344 : Implement advanced procedures using resistant materials to make a specified product with special features, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91354: Undertake brief development to address an issue, (Internal 4 credits), Generic Technology 2.1

91356 : Develop a conceptual design for an outcome, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91359 : Demonstrate understanding of the role of material evaluation in product development, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg



n.b. 91354 is not on the Vocational Pathway Builder

Level Two Physics [*Return To Contents*](#NCEALevelTwoCourses)

Purpose –To further develop knowledge and understanding of Physical Science.

Pathway – This course can lead to [Level Three Physics](#L3Physics).

Recommended Entry – [Level One Science](#Science) (specifically 1.1 Mechanics 90940 or 1.2 Algebra MCAT 91027).

Course Outline – Physics involves the study of matter and its motion through space and time, along with concepts such as energy and force in order to understand how the universe behaves. The Level Two course will continue with the basics of Mechanics and introduce Electromagnetism, Radioactivity and the behaviour of Waves and Light. Physics is used in a wide range of careers such as Architecture, Aviation, Broadcasting, Communications, Computing, Design, Engineering, Geology, Health Industry, Meteorology, Science, Surveying and Transport.

Course Fees – There is a class trip to Rainbow’s End theme park. Cost yet to be decided.

Assessment Information – 26 Credits (16 External) -

91168 : Carry out a practical physics investigation that leads to a non-linear mathematical relationship, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

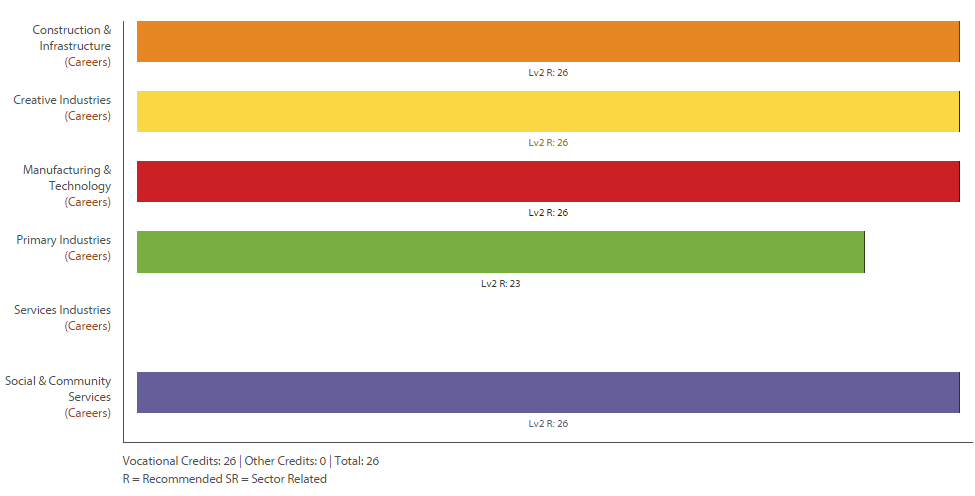
91169 : Demonstrate understanding of physics relevant to a selected context, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91170 : Demonstrate understanding of waves, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91171 : Demonstrate understanding of mechanics, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91172 : Demonstrate understanding of atomic and nuclear physics, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91173 : Demonstrate understanding of electricity and electromagnetism, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Tools For Work [*Return To Contents*](#NCEALevelTwoCourses)

Purpose –To learn practical mechanical skills by manufacturing a mini-bike as part of a team.

Pathway – This course provides students with an opportunity to experience work in a machinery workshop. It can lead to tertiary courses such as [Wintec](http://www.wintec.ac.nz/courses/build/SitePages/index.aspx) or [BOP Polytechnic](https://www.boppoly.ac.nz/go/programmes-and-courses/engineering-welding/new-zealand-diploma-in-engineering-civil-level-6).

Recommended Entry – [Level One Product Design](#ProductDesign). This is actually a challenging course that requires a mixture of motivation, creativity, keen problem solving mind and a positive attitude.

Course Outline – This course requires students to follow a blue print and manufacture a mini bike. The bike components come as a kitset. They will work as a team to complete a mini-bike (will not build an individual bike).

Course Fees – $450 up front for the mini bike kit (each student will get a completed mini bike at the end of the course).

Assessment Information – 21 Credits (0 External) -

2387 : Assemble mechanical components under supervision, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg

2395 : Select, use, and care for, engineering hand tools, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg

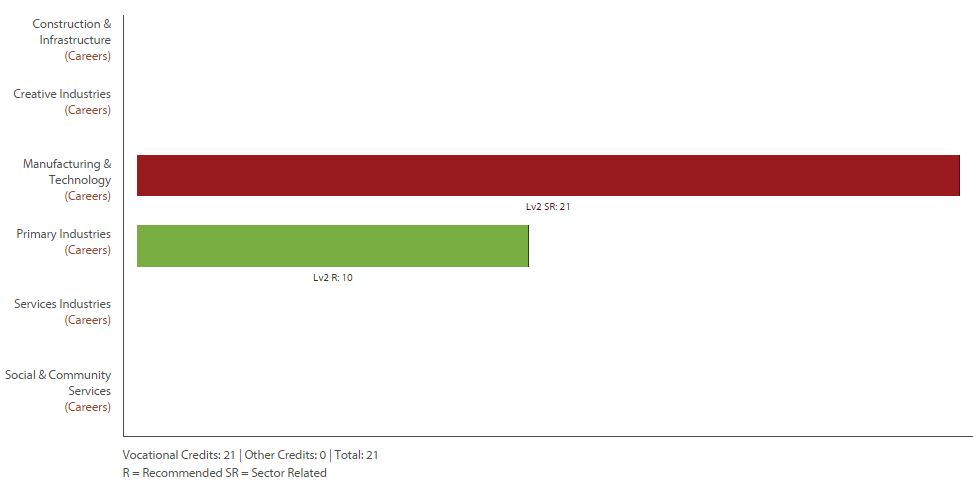
2396 : Select, use and maintain portable hand held engineering power tools, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg

4435 : Select, use, and care for engineering dimensional measuring equipment, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg

4436 : Select, use, and care for engineering marking-out equipment, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg

20917 : Demonstrate basic knowledge of engineering materials, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg

21911 : Demonstrate knowledge of safety on engineering worksites, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpg



Level Two SPEC [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – SPEC stands for “Specific Preparation for Employment and Citizenship : Developing the Key Competencies” - To develop the key competencies (from the NZ Curriculum Document) and prepare the students for part time and/or full time employment.

Pathway – This course is designed to prepare students for tertiary study or the work force. There is a [Level Three Spec Course](#L3SPEC).

Recommended Entry – This course is open to all students.

Course Outline – This course challenges the students to identify their strengths and prove opportunities to demonstrate the Key Competencies through a personal development programme. At Level Two students complete the SPEC ‘One Star Award’ and individual modules which are part of the requirements for the NZQA approved ‘Certificate of Mainstream Studies Level One’ which is completed over two years. Alongside these students complete unit standards based around preparation for employment. [Gateway](#Gateway) can also sit alongside the SPEC programme and additional unit standards may also be made available where needed

Course Fees – $20 for course notes.

Assessment Information – 18+ Credits (0 External) -

One Off Courses in Fire Safety Couse 10 Credits L2 & First Aid Course 4 Credits L2

1294 : Be interviewed in a formal interview, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

1299 : Be assertive in a range of specified situations, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

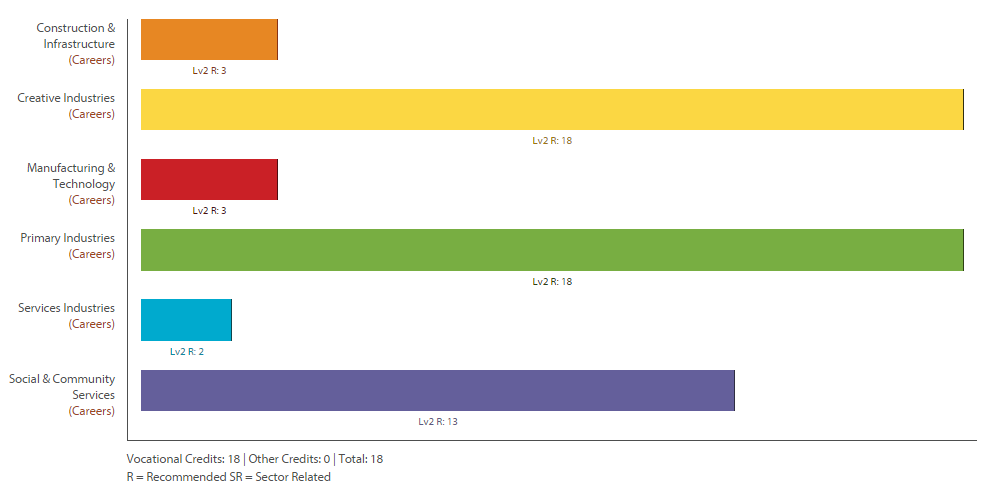
4252 : Produce a targeted resume, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

7123 : Apply a problem solving method to a problem, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

10781 : Produce a plan for own future directions, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

12349 : Demonstrate knowledge of time management, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

24699 : Make an informed decision relating to personal income and evaluate its consequences, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Travel and Tourism [*Return To Contents*](#NCEALevelTwoCourses)

Purpose –To develop skills and knowledge in Travel and Tourism. This course is designed to help students take the first step into careers in travel and tourism industries: aviation, travel, tourism, museums, retail, wholesale and hospitality.

Pathway – This course leads to [Level Three Travel and Tourism](#L3Travelandtourism).

Recommended Entry – NCEA Level One. This course is open to all students.

Course Outline – This course aims to cover an introduction to the tourism industry and to provide scope for travel investigations. The tourism industry topics cover things such as job roles and basic skills and attitudes required in these jobs, while the travel section requires you to investigate transport, accommodation, government regulation and attractions in various tourist destinations. Credit counts towards the ‘National Certificate in Travel and Tourism’. This can be done as a one or two year course (as at least 41 credits are needed to achieve the National Certificate).

Course Fees – there are no course fees.

Assessment Information – 27 Credits (0 External) -

24726 : Describe and compare social and cultural impacts of tourism, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

24727 : Describe and compare impacts of tourism on the physical environment, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

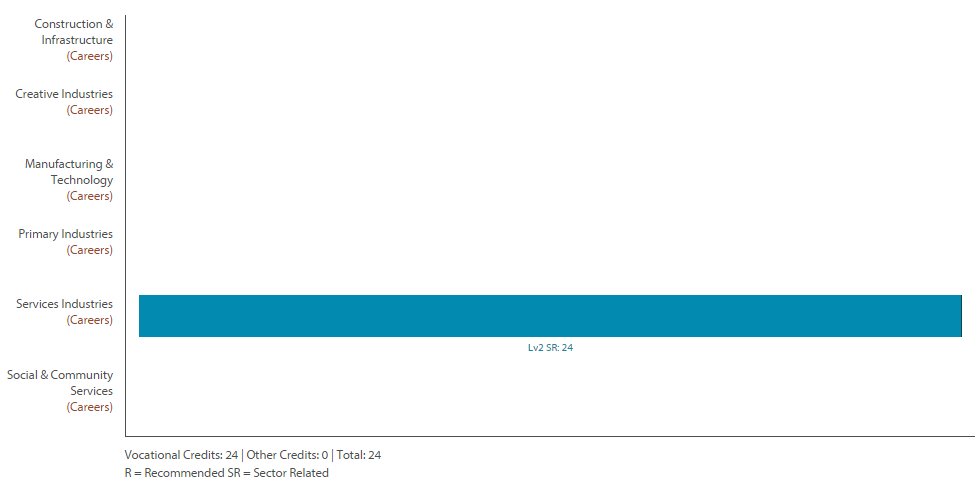
24728 : Demonstrate knowledge of work roles in tourism, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

24729 : Demonstrate knowledge of world tourist destinations, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

24730 : Demonstrate knowledge of the business of tourism, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

24731 : Demonstrate knowledge of destination New Zealand, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

24732 : Demonstrate knowledge of tourist characteristics and needs, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg



Level Two Sports Education [*Return To Contents*](#NCEALevelTwoCourses)

Purpose –To develop skills and knowledge in Physical Education.

Pathway – This course leads to [Level Three Physical Education](#L3PhysicalEducation)

Recommended Entry – [Level One Physical Education](#PhysicalEducation) or [Level One Sports Education](#SportsEducation).

Course Outline – This course involves 70% practical and 30% theoretical study. Students will snorkel the local coastlines as well as participate in a range of sports/topics including: volleyball, touch , coaching and social responsibility. Students will also gain a first aid certificate.

Course Fees – Fees for first aid and snorkelling trip.

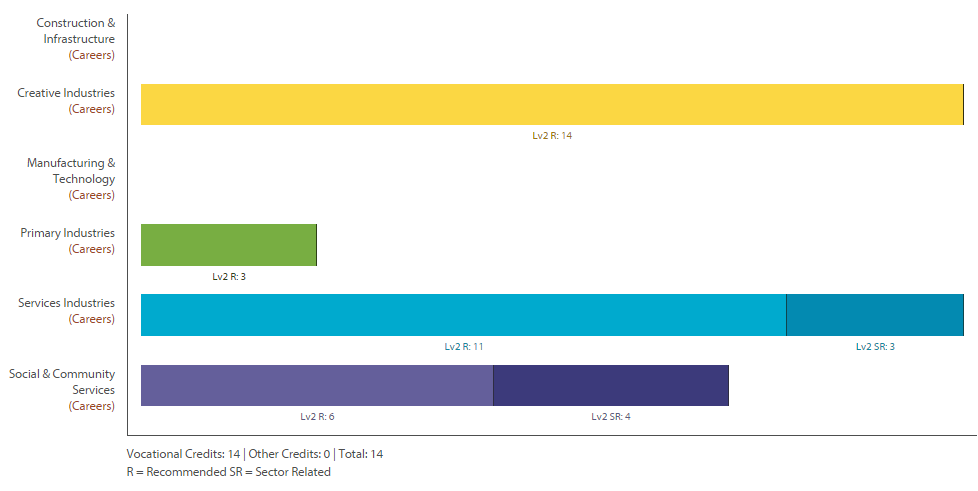
Assessment Information – 14 Level Two Credits and 4 Level One Credits (0 External) -

91330 : Perform a physical activity in an applied setting, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91332 : Evaluate leadership strategies that contribute to the effective functioning of a group, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services_sr.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91333 : Analyse the application of risk management strategies to a challenging outdoor activity, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries_sr.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91334 : Consistently demonstrate social responsibility through applying a social responsibility model in physical activity, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Sustainability [*Return To Contents*](#NCEALevelTwoCourses)

Purpose – To help gain students an understanding of their place in the world and to expose them to an area of interest that is growing in importance in our modern society. There is a variety of practical work and applying skills from other subject areas.

Pathway – This course provides a full endorsed course with possibility to move onto a Level 3 course eligible for university entrance

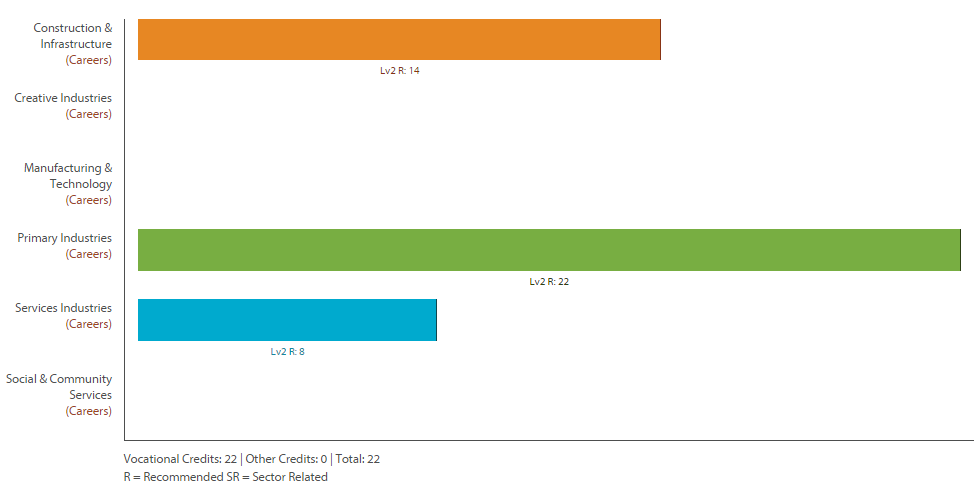
Recommended Entry – There is no requirement but should be prepared to work independently or in groups.

Course Outline – This course enables students to actively plan and implement projects in the school or local community projects.

Course Fees – No fees, but there will be opportunities for outside school visits.

Assessment Information – 22 Credits (0 External) -

* 90810 : Plan, implement and evaluate a personal action that will contribute towards a sustainable future, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg
* 90811 : Describe the consequences of human activity within a biophysical environment in relation to a sustainable future, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpg
* 90814 : Describe aspects of sustainability in relation to a sustainable future, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpg
* 91733 : Demonstrate understanding of initiatives that contribute to a sustainable future, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpg
* 91734 : Develop a collaborative response that promotes a sustainable future, in relation to a current issue, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg



Level Two & Three Fitness/Weight Training

[*Return To Contents*](#NCEALevelTwoCourses)

Purpose –To develop skills and knowledge in Physical Education.

Pathway – This course leads to a career as a personal trainer or working in a gym – through the [BOP Polytechnic](https://www.boppoly.ac.nz/go/programmes-and-courses/sport-recreation/certificate-in-fitness-cert4fitness-level-4).

Recommended Entry – An interest in personal development, health and fitness.

Course Outline – This course is available for year 12 and or year 13 students that would like to combine their training with NCEA standards. Primarily study will involve weight training techniques, safety, and nutrition. Students work through the provided workbooks which will complement the training in the school weights room. This course is limited to 16 students due to the size of the weights room.

Course Fees – $30 for visits to gymnasiums.

Assessment Information – 21 Level Two Credits (0 External) -

21791 : Relate human anatomy and movement to gym equipment and static stretching, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

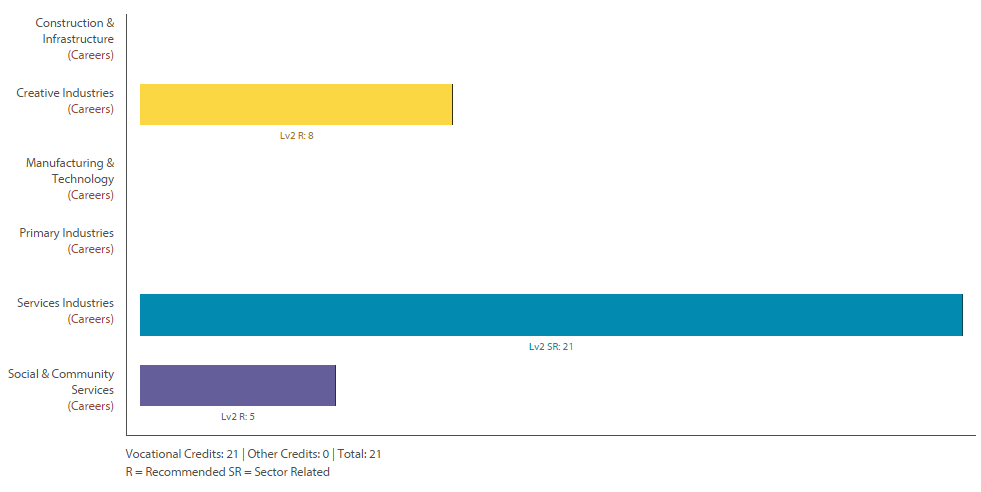
21792 : Demonstrate knowledge of health risk factors and disease, and monitor exercise stress, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

21793 : Demonstrate correct technique when using basic gym equipment, Level 2, 2 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

21794 : Demonstrate, instruct, and monitor static stretching, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

21795 : Demonstrate, instruct, and monitor safe and correct use of cardiovascular exercise equipment, Level 2, 3 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpg

91328 : Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills, Level 2, 5 credits http://youthguarantee.net.nz/standards/images/service_industries_sr.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Two Textiles [*Return To Contents*](#NCEALevelTwoCourses)

Purpose –To build on skills and understanding of technological practise with soft material.

Pathway – This course leads to [Level Three Textiles](#L3Textiles).

Recommended Entry – [Level One Textiles](#Textiles), or proven experience with patterns and sewing.

Course Outline – This course starts off with building on the skills learnt previously. Then add by looking at design era influences and more advanced adaptations of patterns.

Course Fees – $45 to cover materials used in class, but you will need to provide materials for your assignments.

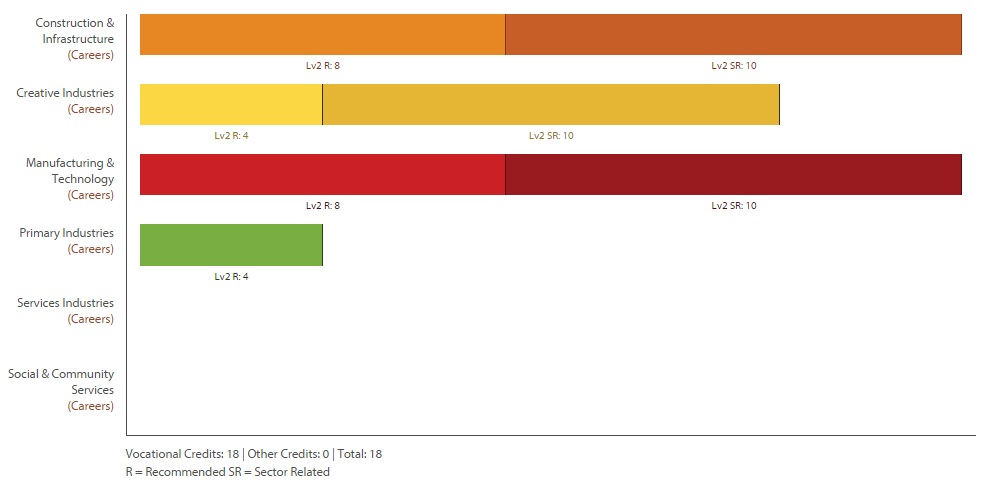
Assessment Information – 18 Credits (4 External *these are assessed as a portfolio/evidence of work there will be no exam*) -

91345 : Implement advanced procedures using textile materials to make a specified product with special features, Level 2, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91354 : Undertake brief development to address an issue, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91350 : Make advanced adaptations to a pattern to change the structural and style features of a design, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure_sr.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology_sr.jpghttp://youthguarantee.net.nz/standards/images/creative_industries_sr.jpg

91358 : Demonstrate understanding of how technological modelling supports risk management, Level 2, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpg



Level Two Urban Farming [*Return To Contents*](#NCEALevelTwoCourses)

NOT OFFERED 2016

Purpose – To develop skills in intensive food production for local supply. Students will learn how to produce large amounts of organic food from small urban spaces, using only local materials. Local marketing and distribution is also taught, so that students can develop their own small business while they are on the course, as well as supplying their family with food.

Pathway – This course leads to Level Three Urban Farming, which adds more skills, particularly in planning a commercial operation. However, students will have the skills to start earning an income from home before the course is complete. Highly-motivated students in this course will have the opportunity to sit any unit from the level three course.

Recommended Entry – Open

Course Outline – Local food supply is becoming more and more important as oil prices continue to rise in the long term, and as people become more aware of the economic and health benefits of locally-produced food. Students learn how to produce top quality compost from local materials, grow annual and perennial crops, control pests using non-toxic methods, and sell produce to the public.

Course Fees – There are no course fees. Students will be expected to sometimes work in the rain, we have some spare wet weather gear but students are expected to have their own and keep it at the farm unit. We can supply gumboots.

Assessment Information – 19 Level 2 credits, 5 Level 3 credits, (0 External) -

* US 23541 Safety in the rural workplace (practical, with report) 5 Credits
* US 19138 Monitor and interpret weather information (theory) 4 Credits
* US 20571 Care for nursery crops (practical) 10 Credits
* US 21045 Composting (practical and theory) 5 Credits, L391340: Use the characteristics of a design movement or era to inform own design ideas, (Internal 3 credits), Design and Visual Communication 2.33

Level Three Accounting [*Return To Contents*](#NCEALevelThreeCourses)

Purpose –To build on skills and understanding in Accounting.

Pathway – This course leads to tertiary study like [Waikato University](http://www.waikato.ac.nz/study/qualifications/bbafin.shtml) or [Wintec](http://www.wintec.ac.nz/courses/achieve/SitePages/index.aspx).

Recommended Entry – [Level Two Accounting](#L2Accounting), or [Level One Accounting](#Accounting)

Course Outline – This course is aimed at students who have completed some base study in Accounting. They will need to have a good understanding of the process of bookkeeping and how to compile and interpret financial statements. The course looks at doing the accounts for different types of business.

Course Fees – $10 Course Materials.

Assessment Information – 22 Credits (9 External) -

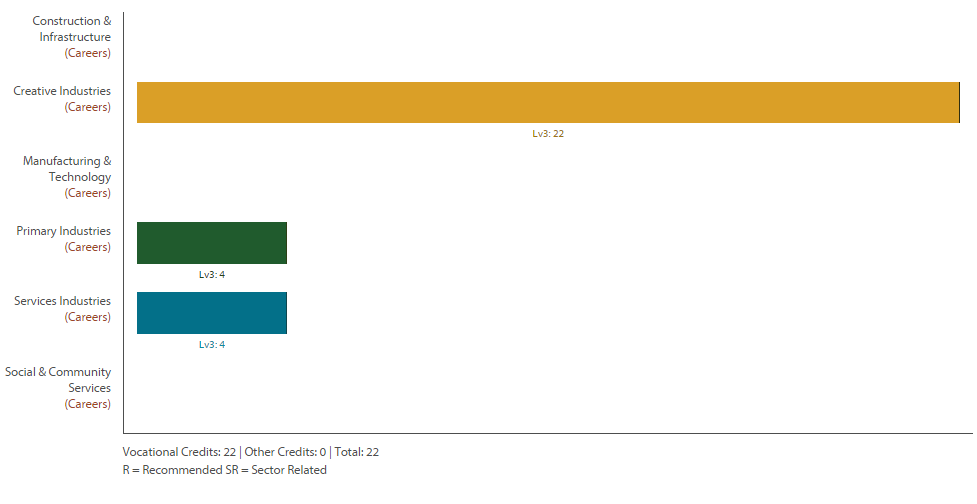
91405 : Demonstrate understanding of accounting for partnerships, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91406 : Demonstrate understanding of company financial statement preparation, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91407 : Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading and Writing)*

91408 : Demonstrate understanding of management accounting to inform decision-making, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91409 : Demonstrate understanding of a job cost subsystem for an entity, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three English [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – English at Waihi College seeks to nurture the key skills you have, and develop them so that you can live and learning today and in the future. English is about thinking; using language, symbols and texts; participating and contributing; relating to others and managing self.

Pathway – This course leads to tertiary study like [Waikato University](http://www.waikato.ac.nz/study/subjects/engl.shtml) or [Winte](http://www.wintec.ac.nz/courses/SitePages/national-diploma/journalism.aspx)c.

Recommended Entry – [Level Two English](#L2English), or [Level Two Advanced English](#L2AdvancedEnglish) - including at least one external standard.

Course Outline – This academic course is based around the in-depth study of English literature and language, and is designed for students who wish to study English, or an associated subject, at university level. An opportunity for students to enter for the English Scholarship Examination will be available.

Course Fees – There are no fees with this course.

Assessment Information – Selected from possible 21 Credits (8 External) -

91473 : Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence, Level 3, 4 credits

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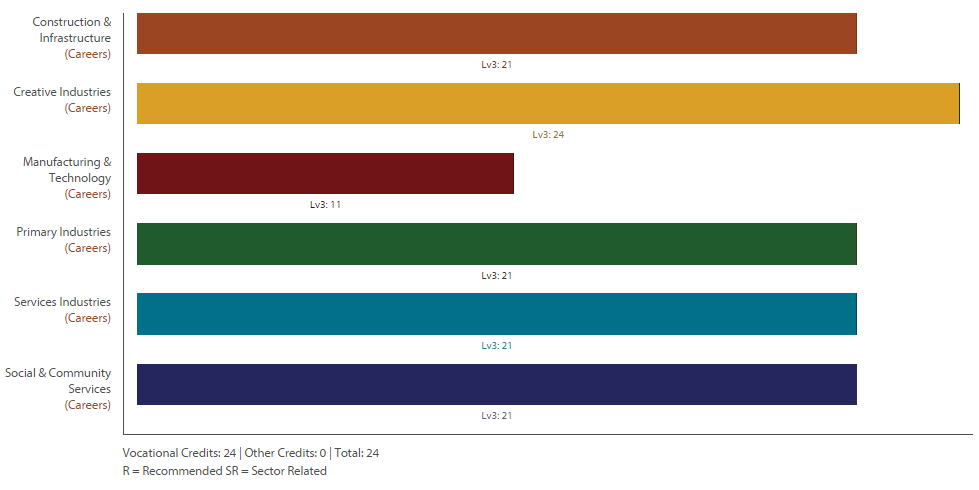
91474 : Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading and Writing)*

91475 : Produce a selection of writing which develops, sustains, & ideas, L3, 6crds http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Writing)*

91476 : Create & deliver fluent & coherent oral text develops, sustains, & structures ideas, L3, 3crds http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91479 : Develop informed understanding of literature and/or language texts, L3, 4crds http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading)*

91480 : Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three Agriculture [*Return To Contents*](#NCEALevelThreeCourses)

Not Available 2016

Purpose – To develop theoretical knowledge and scientific skills in agriculture.

Pathway – This course leads to tertiary study like [Waikato University](http://papers.waikato.ac.nz/subjects/AGRI) or [Wintec](http://www.wintec.ac.nz/courses/grow/SitePages/agribusiness.aspx).

Recommended Entry – [Level Two Agriculture](#L2Agriculture)

Course Outline – This course introduces scientific study to the practice of farming. It also introduces theoretical study of the market forces that affect sup and demand for primary produce, and an investigation into the business model for primary product. Students can also opt for a Level Three dairy [Gateway](#Gateway) addition to this course. This involves earning Level Three Dairy units by working one day per week on a dairy farm helping with milking, for at least ten days. There is an expectation that the student will have a rain coat that they are prepared to wear in wet weather. There is a very high degree of maturity required with regard to farm safety.

Course Fees – There are no fees with this course. But students will be expected to help with the Waihi College farm fundraising efforts. They will need to have wet weather gear which they can keep at the farm unit. .

Assessment Information – 15 Credits (5 External) compulsory and 12 credits optional …

Compulsory Standards

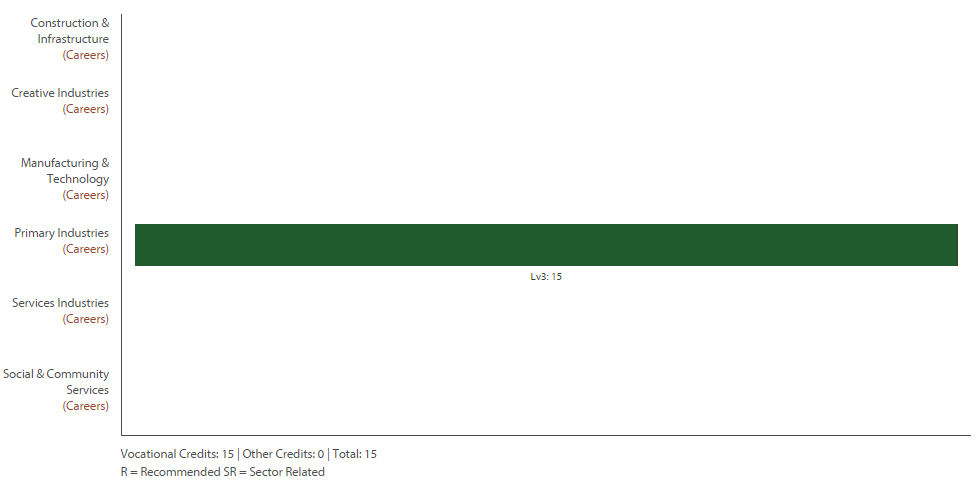
91528 : Carry out an investigation into an aspect of a New Zealand primary product or its production, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg

91529 : Research and report on the impact of factors on the profitability of a New Zealand primary product, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg *(UE Reading)*

91530 : Demonstrate understanding of how market forces affect supply of and demand for New Zealand primary products, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg *(UE Reading and Writing)*

19115: Handle and move livestock. 6 credits Internal

24619: Handle and treat cattle. 6 credits Internal.



n.b. not all standards were on the profile builder

Level Three Building and Construction [*Return To Contents*](#NCEALevelThreeCourses)

NOT OFFERED 2016 – Gateway placements with local contractors can be arranged.

Purpose – To provide a trade based option for students wishing to continue in the Building industry.

Pathway – This course leads to tertiary study like [Wintec](http://www.wintec.ac.nz/courses/build/Sitepages/construction.aspx) an apprenticeship like [BCITO](http://www.bcito.org.nz/).

Recommended Entry – [Level Two Building and Construction](#L2BuildingandConstruction) or [Level Two Product Design](#L2ProductDesign).

Course Outline – This is a practical and theory based course for those students considering working in the traces or entering Tertiary Education. This is a school based programme that has been planned in conjunction with the Bay of Plenty Polytechnic. Students are expected to enter a [Gateway](#Gateway) programme as well as completing projects at school. The course also involves visits to building sites and the Bay of Plenty Polytechnic in Tauranga.

Course Fees – $50 for own project materials.

Assessment Information – 13 Credits (0 External) -

* 13000 Knowledge of portable power tools 4 credits Internal
* 24378 Perform building calculations 4 credits Internal
* 13032 Demonstrate knowledge of non-mechanical construction equipment 1 credits External

Optional

* 24354 Demonstrate knowledge of safe work practices in a BCAT workplace. 4 credits Internal

Level Three Mathematics with Calculus *[Return To Contents](#NCEALevelThreeCourses)*

Purpose – To develop knowledge and skills of Calculus Techniques.

Pathway – This course leads to tertiary study like [Waikato University](http://www.math.waikato.ac.nz/genquery.php?linklist=Mathematics&linktype=folder&linkname=Undergraduate_Degrees&children=Degrees-0) or [Auckland University](https://www.auckland.ac.nz/study-options/programmes/undergraduate/6464/bachelor-of-engineering-honours-behons&utm_source=google&utm_medium=cpc&utm_campaign=SureFire_Future_Undergraduate_NZ_Bachelor_of_Engineering&utm_term=auckland%20university%20engineering%20school&matchtype=b&utm_content=34144298842).

Recommended Entry – [Level Two Advanced Mathematics](#L2AdvancedMathematics) - including Calculus (91262) and Algebra (91261).

Course Outline – Mathematics with Calculus is the most advanced Mathematics course offered at Waihi College. Trigonometry and simultaneous equations are assessed internally. There are three external topics including differentiation, integration and complex numbers.

Course Fees – $25 for a course book and a graphical calculator (which is essential at this level of maths).

Assessment Information – 24 Credits (17 External) -

91573 : Apply the geometry of conic sections in solving problems, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

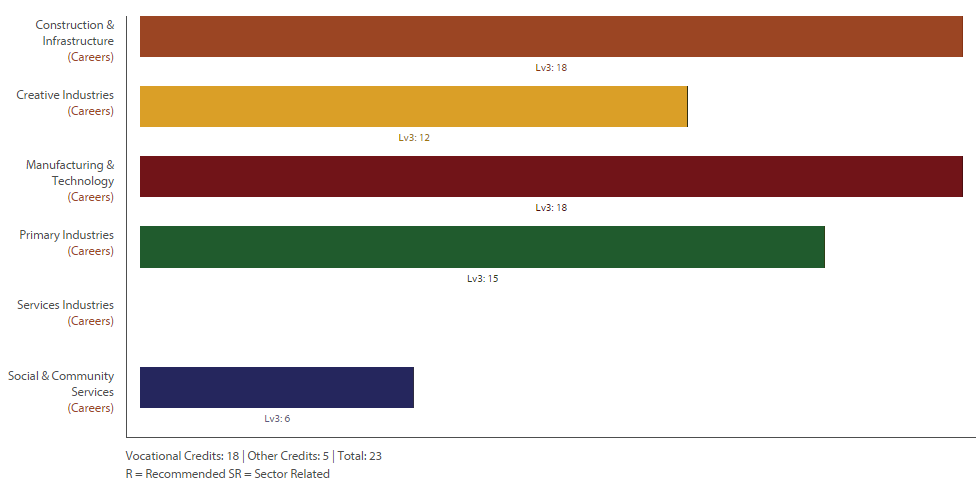
91575 : Apply trigonometric methods in solving problems, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91577 : Apply the algebra of complex numbers in solving problems, Level 3, 5 credits

91578 : Apply differentiation methods in solving problems, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg

91579 : Apply integration methods in solving problems, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91587 : Apply systems of simultaneous equations in solving problems, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three Chemistry [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To better understand the world around us at the molecular level. To more fully appreciate future challenges facing humankind – pollution, treatment of disease, climate change and the need for clean energy – and the opportunities presented by new technologies.

Pathway – This course leads to tertiary study like [Waikato University](http://sci.waikato.ac.nz/about-us/school-of-science/chemistry) or [Auckland University](http://www.calendar.auckland.ac.nz/courses/prescriptions/science/chem.html).

Recommended Entry – [Level Two Chemistry](#L2Chemistry) (including passing external papers from 91164, 91165, 91166)

Course Outline – This course continues to provide a good grounding in the basics of Chemistry. Students will do a practical investigation into the levels of a chemical (e.g. vitamin C – ascorbic acid) and carry out a research assignment on a chemical process. A third internal standard looks at Electrochemistry. Theory topics will include bonding and enthalpy changes, organic chemistry, and aqueous equilibria. The course can lead to further studies of Sciences and a huge range of study and career opportunities.

Course Fees – $10 for a course book.

Assessment Information – 25 Credits (15 External – the 3rd external (aqueous) is optional) -

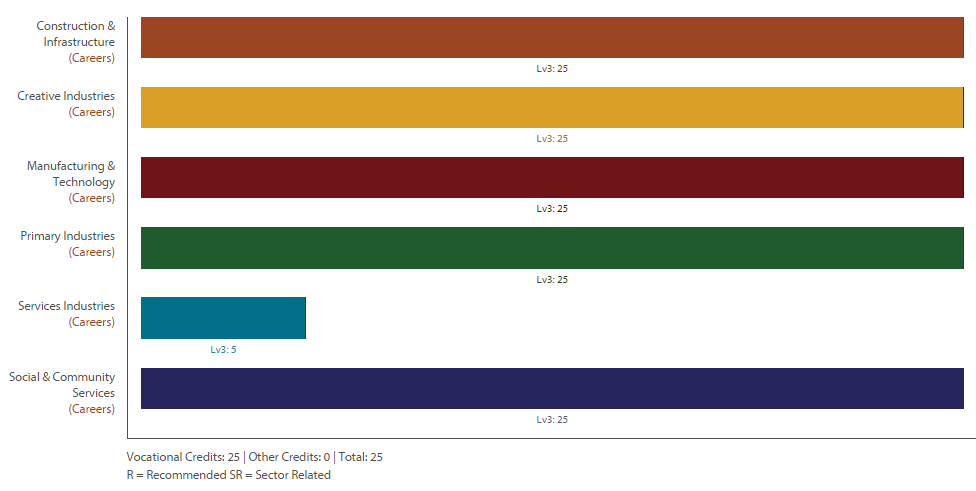
91387 : Carry out an investn in chemistry involving quantitative analysis, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Writing)*

91389 : Demonstrate understanding of chemical processes in the world around us, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading and Writing)*

91390 : Demonstrate understanding of thermochemical principles and the properties of particles and substances, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91391 : Demonstrate understanding of the properties of organic compounds, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91392 : Demonstrate understanding of equilibrium principles in aqueous systems, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91393 : Demonstrate understanding of oxidation-reduction processes, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

Level Three Drama [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To develop knowledge and skills in Drama and establish academic and professional pathways.

Pathway – This course leads to tertiary study like [Auckland University](http://www.arts.auckland.ac.nz/en/about/schools-in-the-faculty-of-arts/school-of-humanities.html) or [Unitec](http://www.unitec.ac.nz/about-us/contact-us/academic-departments/performing-and-screen-arts).

Recommended Entry – [Level Two Drama](#L2Drama) (recommended) or an established interest in the subject area.

Course Outline – The Year 13 Drama programme is a year of increasing self-reliance, self-discipline and experimentation through a range of dramatic opportunities culminating in the Individual Project. The course offers workshops in Extended Dramatic Technique, Genre Exploration and Devising. Students will attend professional theatrical productions as a part of their coursework. It also completes the student’s preparation for entry into tertiary study and continues to offer first hand experiences of Drama related professions and enables students to form professional relationships with potential employers. It also encourages students to realise their plans for their own business endeavours.

Course Fees – $20 and $48 Field Trip (Red Leap)

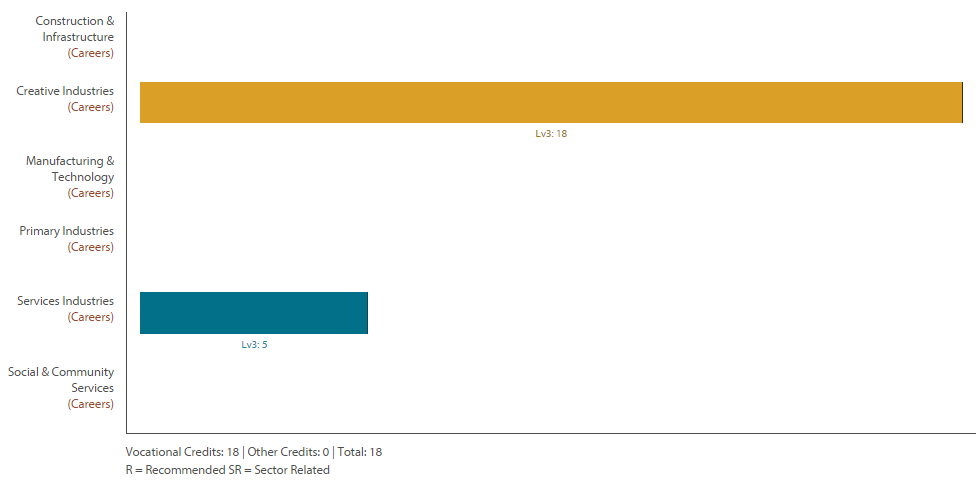
Assessment Information – 18 Credits (4 External) -

91512 : Interpret scripted text to integrate drama techniques in performance, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading)*

91513 : Devise and perform a drama to realise a concept, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91517 : Perform a substantial acting role in a significant production, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading)*

91518 : Demonstrate understanding of live drama performance, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Writing)*



Level Three Catering [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To further develop skills in the cooking and presentation of food as well as nutrition and food safety.

Pathway – This course leads to tertiary study like [Wintec](http://www.wintec.ac.nz/hub_hospitality/SitePages/Hospitality.aspx#Related) or [BOP Polytechnic](https://www.boppoly.ac.nz/go/programmes-and-courses/hospitality).

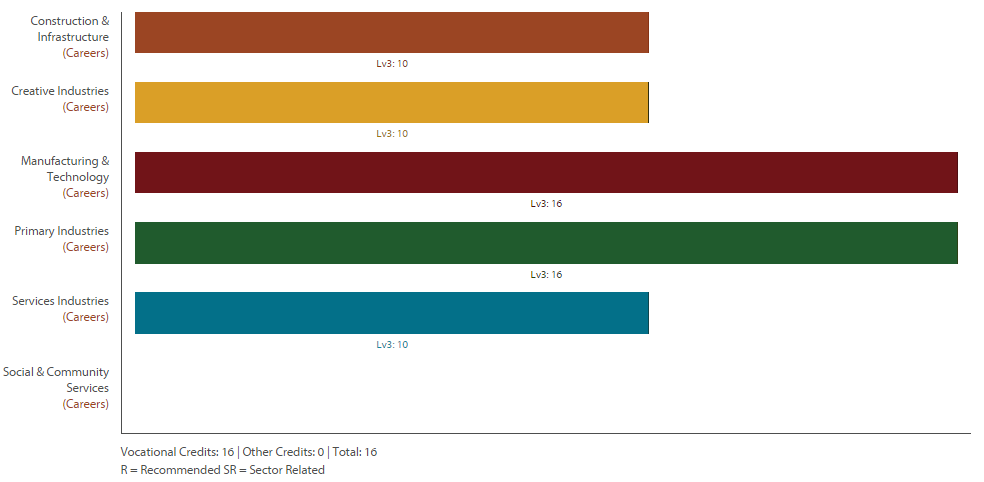
Recommended Entry – [Level Two Catering](#L2Catering) is useful but not essential.

Course Outline – Level Three Catering is a combination of Technology Achievement Standards and Service IQ Industry Standards. The Technology Achievement Standards include one which relates to the Processing of Cream Puffs plus two others which will culminate in the students running a café. One Service IQ standard focusses on healthy eating and the other on culinary products and terms. This course is flexible and will depend on what the students’ needs are so Level Two Service IQ Cookery Skills units can be added to this course if needed. Level Three Catering students are expected to help with catering for school functions and they will be involved in the running of at least one café throughout the year.

Course Fees – $70.

Assessment Information – 29 Credits (0 External) - Standards will be chosen from…

* 13343 Demonstrate knowledge of basic nutrition in commercial catering (Internal 5 Credits)
* 18497 Unit Demonstrate knowledge of culinary products and terms (Internal 8 Credits)
* 91609 : Undertake project management to support technological practice, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91611 : Develop a prototype considering fitness for purpose in the broadest sense, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91643 : Implement complex procedures to process a specified product, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpg



*n.b two of these standards were not on the profile builder at the time of printing this document.*

Level Three Ecological Studies [*Return To Contents*](#NCEALevelThreeCourses)

NOT AVAILABLE IN 2016

Purpose – To prepare students for study, and a career as an environmental consultant, sustainability consultant or biological farming consultant, assisting farms and other businesses to become more sustainable. This is also a valuable area of knowledge for any business management role.

Pathway – This course leads to tertiary study in ecological science, sustainability or biological farming. Courses in these subjects are available at every New Zealand University.

Nearly all businesses are now aware of the need to use sustainable practices: to reduce costs, to ensure the long-term supply of their raw materials, to give them a marketing advantage and to increase their income. Every human activity, be it social or business, is dependent on the ecology for survival. Most of the ecological zones on Earth are deteriorating in their ability to support life, and we are losing thousands of species to extinction every year. You could be one of the people fixing the most important problems on the planet.

Recommended Entry – Students who have achieved in any Level 2 English achievement standard, or Merit in any Level 1 English achievement standard will be given priority. Ideally you will have studied Biology.

Course Outline – Students will complete three projects:

• Design and implement a pest control system for Waihi College (especially the farm unit and Hollis Bush) to control rats, possums and mustelids.

• Investigate a local biophysical environment and discover the inter-relationships between people, businesses, plants, animals and the land itself. Make recommendations about how the local community could ensure their environment stays healthy, and continues to provide them, including businesses, with all their ecological needs.

• Work with a business or organisation of your choice, to improve their sustainability, or help them to promote sustainable practices in the community (depending on the type of organisation you choose). This will be a real-life research project with real-life results.

You will be given support and tuition in a range of skills and knowledge, but you will need to be self-motivated and ready to take on a challenge. These are the support topics we will be covering: What is “sustainability”? (This includes a study of soils, which is the key concept in sustainable practices.) What is a “biophysical environment”? What are “different social perspectives”? How to interview and survey scientifically and safely; risk management; report writing & log keeping; critical thinking; self-directed learning; researching & academic referencing; wildlife surveying; formal communication to groups; planning and project management.

Course Fees – There are no course fees.

Assessment Information – 25 Level 3 credits, all internal.-

* US 22175 Soil properties and their effect on plant growth (theory) 10 Credits
* AS 90828 A personal sustainable action (practical and theory) 6 Credits
* AS 90829 The interrelationships in a biophysical environment (practical and theory) 4 Credits
* AS 90832 Develop a sustainable strategy for an organisation (practical and theory) 5 Credits

Level Three Geography [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – Geography gives students a multidisciplinary or holistic view of the world, combining knowledge, skills, and understandings of the physical and social sciences. It fosters a curiosity about place and space, and provokes questions about natural and cultural environments and their interconnectedness. Geography provides opportunities through fieldwork for first-hand investigations of places, environments, and human activities. It helps students make sense of complex issues such as climate change, ageing populations, urban growth, land conflicts, globalisation, and sustainability.

Pathway – This course leads to tertiary study like [Waikato University](http://www.waikato.ac.nz/study/subjects/geog.shtml) or [Auckland University](http://www.env.auckland.ac.nz/en/about/our-undergraduate-courses/ug-geography-courses.html).

Recommended Entry – [Level Two Geography](#L2Geography).

Course Outline – The Year 13 course expands and broadens students understanding of natural and cultural environments. The course focuses on coastal processes, tourism development, population studies, global topics, geographic issues and research skills. There are a variety of case studies from NZ and around the world eg. Rotorua, Nepal. This is an achievement standard course, which includes both internal and external assessments.

Course Fees – $2500 approx (Fiji trip).

Assessment Information –22 Credits (8 External) -

91427 : Demonstrate understanding cultural process shapes Geo environment(s), L3, 4 crds http://youthguarantee.net.nz/standards/images/service_industries.jpg *(UE Reading and Writing)*

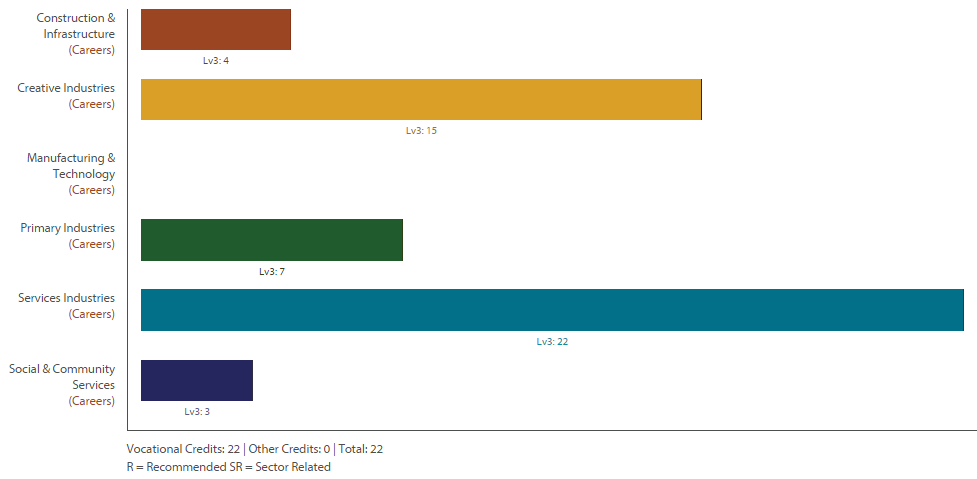
91428 : Analyse a significant contemporary event from a geographic perspective, L3, 3 crds http://youthguarantee.net.nz/standards/images/service_industries.jpg *(UE Reading)*

91429 : Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading and Writing)*

91430 : Conduct geographic research with consultation, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91431 : Analyse aspects of a contemporary geographic issue, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading)*

91432 : Analyse aspects of a geographic topic at a global scale, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three Graphics (DVC) [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – Graphics (aka Design and Visual Communication) develop knowledge and skills in designing Architecture and Products. .

Pathway – This course leads to tertiary study like [BOP Polytech](https://www.boppoly.ac.nz/go/programmes-and-courses/architecture-surveying/national-diploma-in-architectural-technology-level)nic or [Auckland University](http://www.creative.auckland.ac.nz/en/about/our-faculty/schools-programmes-and-centres/architecture-and-planning/ap-study-options/ap-bas.html).

Recommended Entry – [Level Two Graphics](#L2Graphics).

Course Outline – This course challenges students to think about the fundamentals of design and how this is used in developing Products and Architecture. Briefs or units of work are used to solve Architecture and Product design problems. Design Skills, Drawing Skills, Computers, and Presentation Skills are all used to help solve these design problems. Students will Learn to use sketching techniques, produce formal drawings using instruments, computer presentation and computer drawing programmes.

Course Fees – Own equipment and stationery.

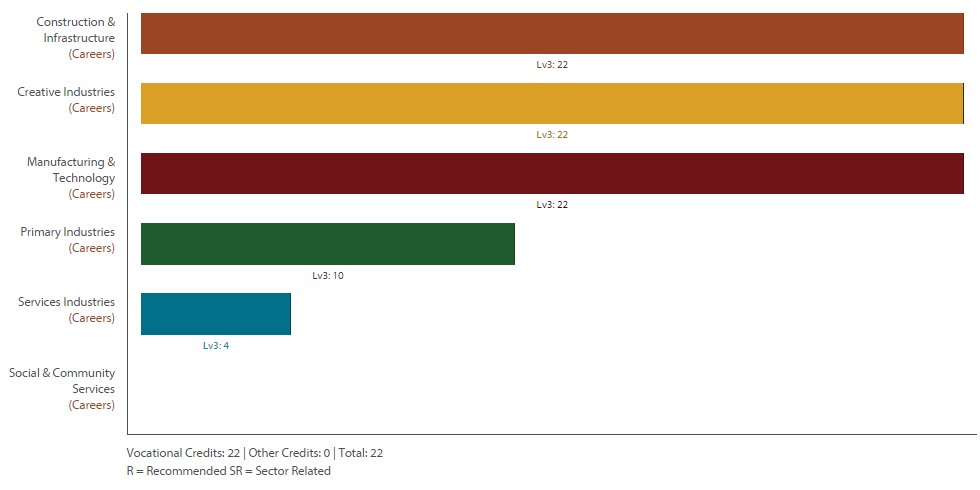
Assessment Information –22 Credits (10 External) -

91627 : Initiate design ideas through exploration, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91629 : Resolve a spatial design through graphics practice, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91630 : Resolve a product design through graphics practice, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91631 : Produce working drawings to communicate production details for a complex design, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three Health Education [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To develop knowledge and understanding of Health Issue in NZ and the wider society.

Pathway – This course leads to tertiary study like [BOP Polytech](https://www.boppoly.ac.nz/go/programmes-and-courses/health/bachelor-nursing)nic or [Waikato University](http://papers.waikato.ac.nz/subjects/SPLS/SPLS502).

Recommended Entry – [Level Two Health](#L2HealthEducation).

Course Outline – This subject looks in greater depth at the topics covered in level 2 building on student’s prior knowledge and experience. Subjects covered include sexuality, relationships, dealing with stress and communication.

Ideally this course is designed for students that have an aim to go into medical/health vocations. There is an emphasis on the differences of traditional western medicine and alternative medical treatments.

Course Fees – $50 for a one day field trip.

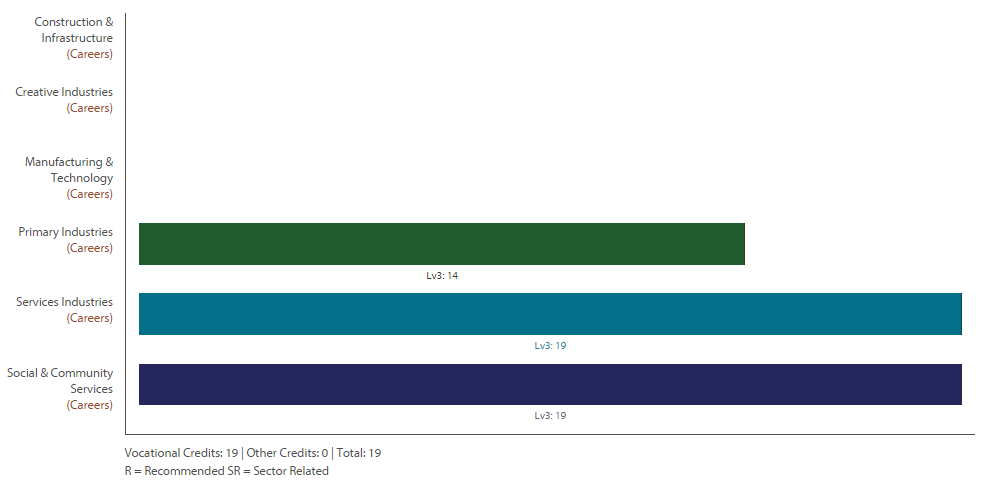
Assessment Information –19 Credits (5 External) -

91461 : Analyse a New Zealand health issue, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg *(UE Reading)*

91462 : Analyse an international health issue, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg *(UE Reading and Writing)*

91463 : Evaluate health practices currently used in New Zealand, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg *(UE Reading)*

91464 : Analyse a contemporary ethical issue in relation to well-being, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg *(UE Reading)*



Level Three History [*Return To Contents*](#NCEALevelThreeCourses)

NOT OFFERED 2016

Purpose – To develop knowledge and skills in History.

Pathway – This course leads to tertiary study like [Auckland University](http://www.arts.auckland.ac.nz/en/about/subjects-and-courses/history-2.html.html) or [Waikato University](http://www.waikato.ac.nz/fass/study/subjects/history).

Recommended Entry – [Level Two History](#L2History) or [Level Two English](#L2English).

Course Outline – Good literacy and previous History experience will be helpful for success but not essential. Good English skills and background in current affairs are also assets. There are fifteen internal credits available for research and script writing. External assessment focuses on resource interpretation and essay writing. The main course centres on Tudor-Stuart England 1588 – 1666 while there is a NZ component in internal assessment. There are many tertiary courses for which history is valuable preparation, particularly in essay writing.

Course Fees – There are no course fees.

Assessment Information –25 Credits (6 External) -

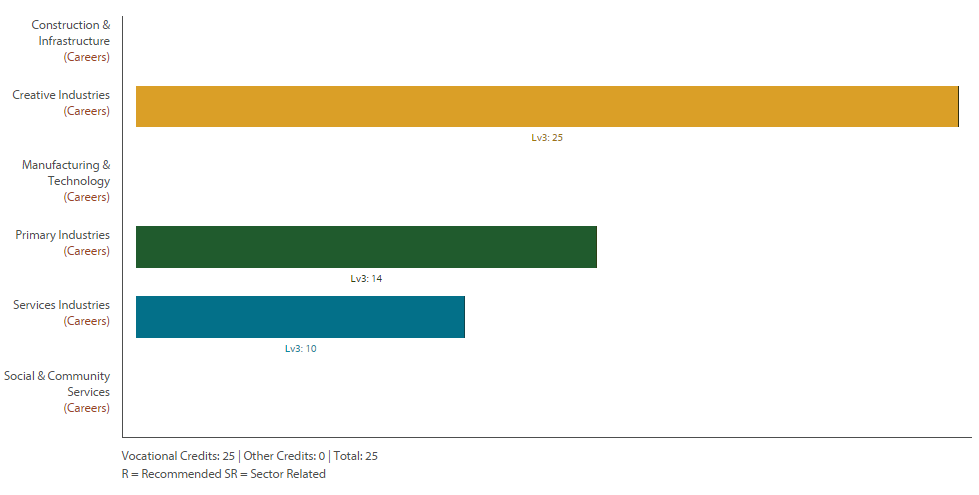
91434 : Research an historical event or place of significance to New Zealanders, using primary and secondary sources, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91435 : Analyse an historical event, or place, of significance to New Zealanders, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91436 : Analyse evidence relating to an historical event of significance to New Zealanders, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91437 : Analyse different perspectives of a contested event of significance to New Zealanders, Level 3, 5 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91438 : Analyse the causes and consequences of a significant historical event, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three Media Design [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To develop knowledge and skills with design programmes while learning the principals and elements of design to enable students to apply for Tertiary Study.

Pathway – This course leads to tertiary study like [BOP Polytechnic](https://www.boppoly.ac.nz/ca/bachelor-creative-industries) or [Waikato University](http://www.waikato.ac.nz/fass/study/subjects/design-media).

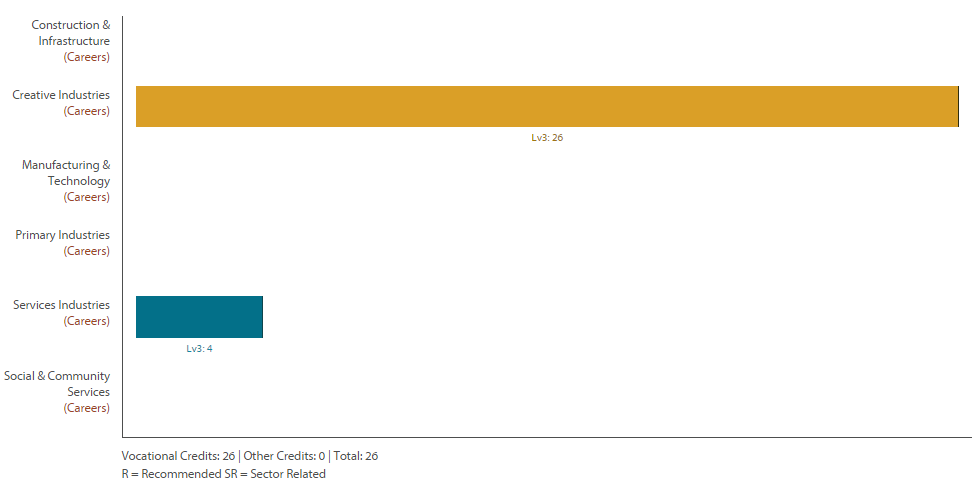
Recommended Entry – [Level Two Media Design](#L2MediaDesign).

Course Outline – Students will be working closely with clients to develop a variety of outcomes. These may include print, website, or moving image. The students will have a chance to develop skills in Dreamweaver, Illustrator, Photoshop, Flash, Sony Vegas and Microsoft products.

Course Fees – Usual fees and print credit.

Assessment Information – 26 Credits (14 External) -

* 91440 : Analyse methods and ideas from established design practice, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91445 : Use drawing to demonstrate understanding of conventions appropriate to design, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91450 : Systematically clarify ideas using drawing informed by established design practice, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg
* 91455 : Produce a systematic body of work that integrates conventions and regenerates ideas within design practice, Level 3, 14 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three Music [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To develop knowledge and skills in Music.

Pathway – This course leads to tertiary study like the [New Zealand School of Music](http://www.nzsm.ac.nz/home) or [Auckland University](http://www.arts.auckland.ac.nz/en/about/subjects-and-courses/music-1.html) or [Waikato University](http://www.waikato.ac.nz/fass/study/subjects/music).

Recommended Entry – [Level Two Music](#L2Music) *(or through an interview with TIC of Music)*.

Course Outline – Level 3 Music is an advanced course around performance and composition. Students will be expected to produce portfolio of work based around performing their own music and that of others. This may be done in a number of formats, which will be decided in discussion with teacher at the start of year. More credits will be available through involving in group performance. Students will select which standards they wish to complete based on their strengths and fields of interest.

Course Fees – $25.

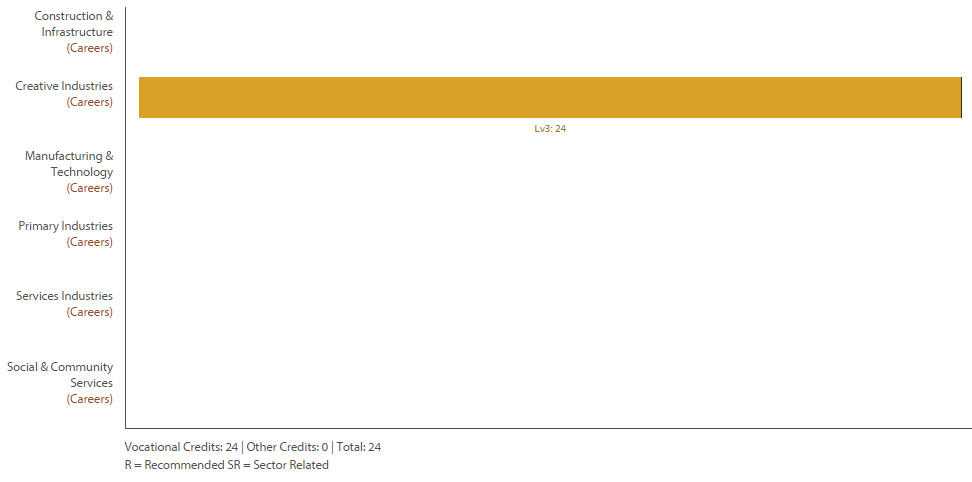
Assessment Information – Most students will do (other standards available depending on interest) -

91416 : Perform two programmes of music as a featured soloist, Level 3, 8 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91418 : Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91419 : Communicate musical intention by composing three original pieces of music, Level 3, 8 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91423 : Examine the influence of context on a substantial music work, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level 3 Outdoor Education  [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To develop knowledge, skills and experience in a range of outdoor pursuits. It prepares individuals with the skills needed for outdoor such jobs as park rangers, pest control operators, Search and Rescue.

Pathway – This Level 3 course provides experience and expertise leading to increased competence and confidence in a wide range of outdoor activities. It provides 20 Level 3 credits.

Recommended Entry – This is a full on outdoor experience course. Students joining this course can expect to be challenged physically and mentally in the best that mother nature provides.

Course Outline – Waihi College will be offering a Level 3 Outdoor Education course however at the time of print, the course content has not yet been finalised. The course will offer a minimum of 20 Level 3 Unit Standards, focusing on preparing individuals to operate safely and competently in outdoor environments. Course content will include: Risk Management, Environmental Sustainability, Personal Safety, Personal Competency. Students will choose to work in a range of contexts from the following list: Abseiling, Rock Climbing, Tramping, Kayaking, Sea-kayaking, High and/or Low Ropes, and Mountain biking

Course Fees – $550.00. This covers the cost of transport, equipment hire as needed and expert providers.

Assessment Information – This course uses unit standard at Level 3.

This course is the first part of a New Zealand Certificate in Outdoor Experiences ([click here](http://www.careers.govt.nz/qualifications/view/2570/8129)). The New Zealand Certificate is 40 Level Three Credits. What will be offered here at the college will be at least half of these standards (these will contribute to Level Three NCEA)…

* Prepare for their own outdoor experience, taking into account equipment, weather, terrain, and logistic requirements 5 credits
* Manage themselves safely while undertaking an outdoor experience in low risk environments 15 credits

Level Three Art Photography [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To develop knowledge and skills in the field of Photography.

Pathway – This course leads to tertiary study like [Waikato University](http://papers.waikato.ac.nz/subjects/ALED/ALED200) or [Wintec](http://www.wintec.ac.nz/courses/SitePages/bachelor/media-arts-visual-arts.aspx) or [BOP Polytechnic](https://www.boppoly.ac.nz/go/programmes-and-courses/certificate-in-art-and-design-level-4).

Recommended Entry – [Level Two Art Photography](#L2Photography) or [Level Two Art Painting](#L2ArtPainting).

Course Outline – This course challenges the student to develop photographic art works and express ideas in a range of photography styles through the study of a number of art photographers’ working methods and ideas. Students expand their repertoire of photography skills, applying what they have learned from practical studies of artist models. These skills are then applied in mixed media artworks which communicate ideas in an extended series of interrelated art works. This culminates in the three panel folio board, the external assessment

Course Fees – Materials and equipment fee: 20 On going costs: print credit.

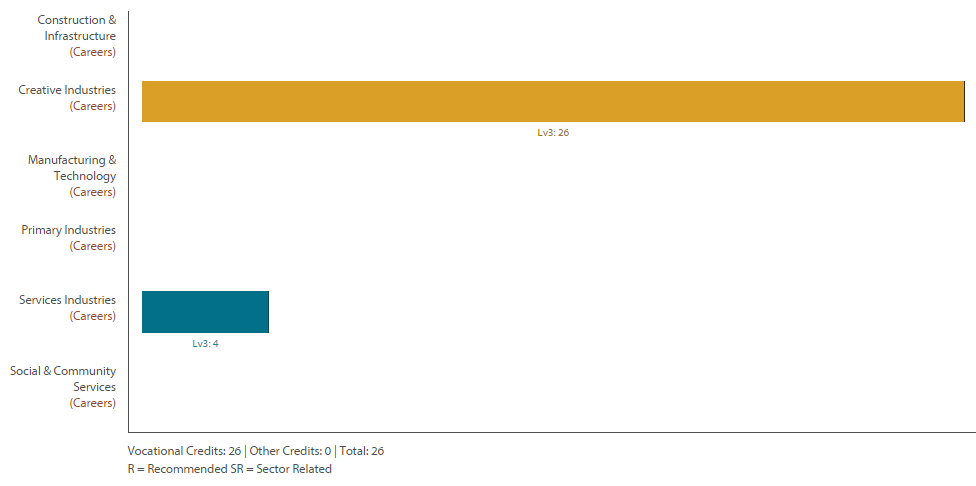
Assessment Information – 26 Credits (14 External *these are assessed as a portfolio/evidence of work there will be no exam*) -

91442 : Analyse methods and ideas from established photography practice, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91447 : Use drawing to demonstrate understanding of conventions appropriate to photography, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91452 : Systematically clarify ideas using drawing informed by established photography practice, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91457 : Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice, Level 3, 14 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three Art Painting [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To develop knowledge and skills in the field of Painting.

Pathway – This course leads to tertiary study like [Wintec](http://www.wintec.ac.nz/courses/create/SitePages/mediarts.aspx) or [BOP Polytechnic](https://www.boppoly.ac.nz/go/programmes-and-courses/bachelor-creative-industries).

Recommended Entry – [Level Two Art Photography](#L2Photography) or [Level Two Art Painting](#L2ArtPainting).

Course Outline – This course challenges the student to develop art works and express ideas in a range of painting media and styles through the study of a number of artists’ working methods and ideas. Students expand their repertoire of drawing and painting skills, applying what they have learned from practical studies of artist models. These skills are then applied in mixed media artworks which communicate ideas in an extended series of interrelated art works. The year’s work culminates in the three panel folio board, the external assessment.

Course Fees – Materials and equipment fee: $45.

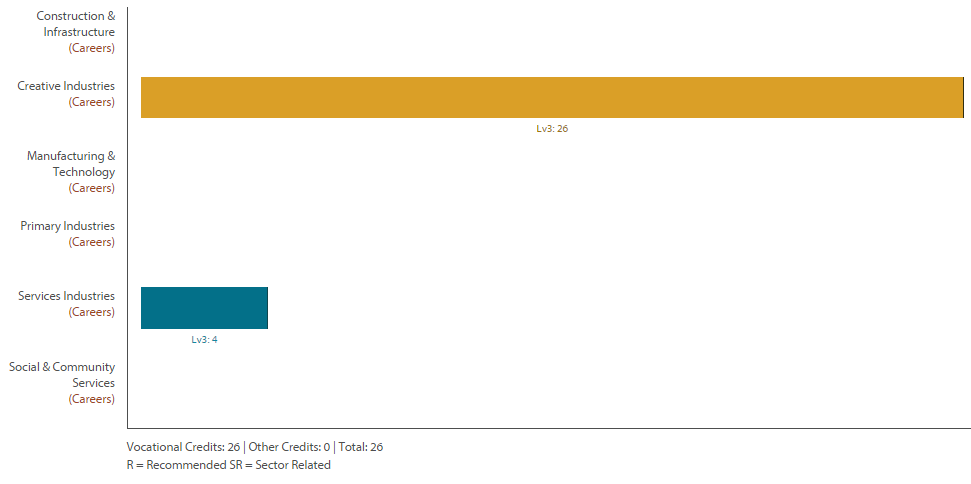
Assessment Information – 26 Credits (14 External *these are assessed as a portfolio/evidence of work there will be no exam*) -

91441 : Analyse methods and ideas from established painting practice, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91446 : Use drawing to demonstrate understanding of conventions appropriate to painting, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91451 : Systematically clarify ideas using drawing informed by established painting practice, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg

91456 : Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice, Level 3, 14 credits http://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three Physical Education [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To develop knowledge and skills in Physical Education.

Pathway – This course leads to tertiary study like [Waikato University](http://papers.waikato.ac.nz/subjects/SPLS) or [BOP Polytechnic](https://www.boppoly.ac.nz/go/programmes-and-courses/sport-recreation/bachelor-sport-recreation).

Recommended Entry – [Level Two Physical Education](#L2PhysicalEducation)

Course Outline – This course focuses on Level 8 of the Health and Physical Education curriculum. It will offer you the opportunity to experience and participate in a wide range of physical activities, in a variety of contexts. You will study how the body moves and responds to physical activity, as well as be able to develop your interpersonal skills in a variety of settings. The main focus of this course is to equip you with the necessary skills to maintain and develop your interpersonal skills in a variety of settings. This is to maintain and develop your personal well-being, both now and in the future; as well as prepare you for future academic and vocational opportunities.

Course Fees – Fees for Mt Biking Camp.

Assessment Information – 18 Credits (4 External) -

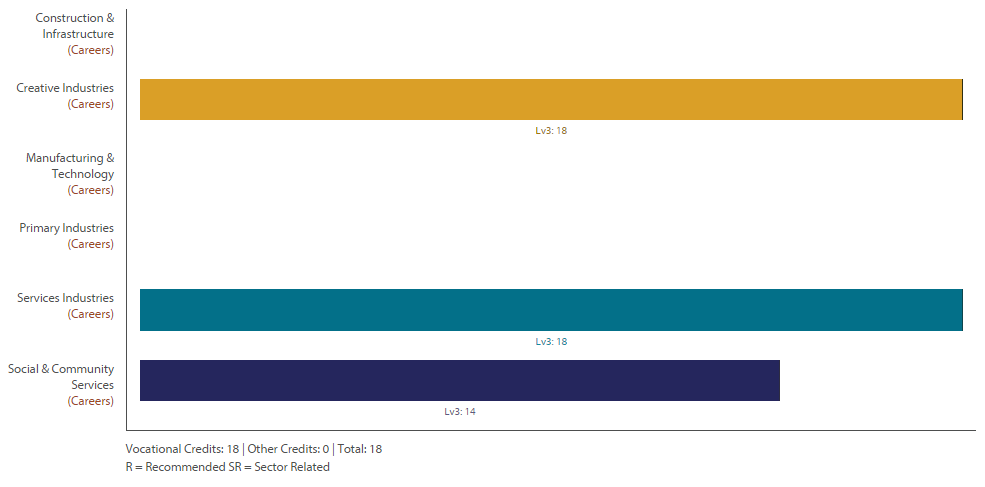
91498 : Evaluate physical activity experiences to devise strategies for lifelong well-being, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91499 : Analyse a physical skill performed by self or others, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91501 : Demonstrate quality performance of a physical activity in an applied setting, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91502 : Examine a current physical activity event, trend, or issue and its impact on New Zealand society, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg *(UE Reading)*

91504 : Analyse issues in safety management for outdoor activity to devise safety management strategies, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three Physics [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To expand knowledge and skills in the Physical Sciences.

Pathway – This course leads to tertiary study like [Waikato University](http://sci.waikato.ac.nz/study/subjects/physics) or [Auckland University](https://www.auckland.ac.nz/study-options/programmes/undergraduate/6464/bachelor-of-engineering-honours-behons)

Recommended Entry – [Level Two Physics](#L2Physics) specifically in AS91171 (Mechanics) and AS91173 (Electromagnetism)

Course Outline – Physics involves the study of matter and its motion through space and time, along with concepts such as energy and force in order to understand how the universe behaves. In Level Three we bring our understanding of Physics closer to the modern era. Students will further develop their understanding of motion, force, rotation, oscillations, electricity, magnetism, waves and nuclear physics. We will also get a first look into the quantum nature of the atomic world. Physics is used in a wide range of careers such as Architecture, Aviation, Broadcasting, Communications, Computing, Design, Engineering, Geology, Health Services, Meteorology, Research Science, Resource Management, Surveying, Teaching and Transport.

Course Fees – There are no course fees.

Assessment Information – 23 Credits (16 External) -

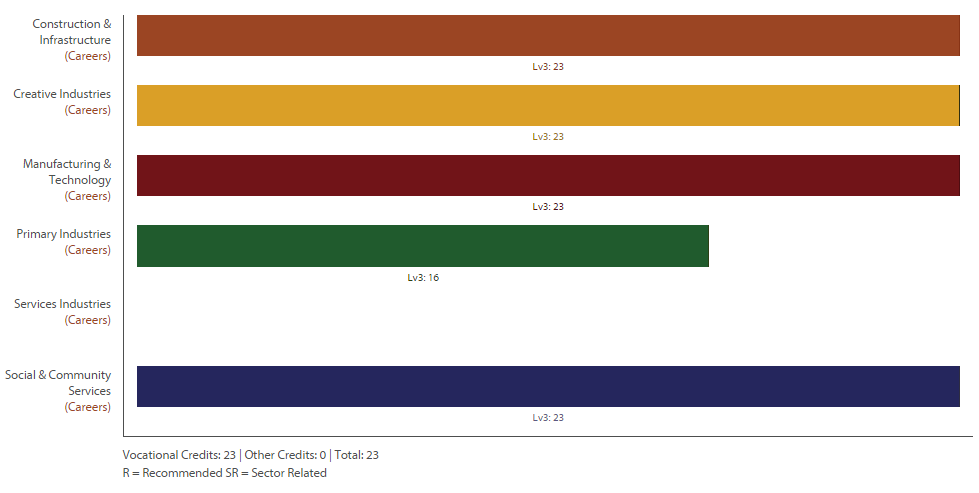
91521 : Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91523 : Demonstrate understanding of wave systems, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91524 : Demonstrate understanding of mechanical systems, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91525 : Demonstrate understanding of Modern Physics, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91526 : Demonstrate understanding of electrical systems, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three SPEC [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – SPEC stands for “Specific Preparation for Employment and Citizenship : Developing the Key Competencies” - To develop the key competencies (from the NZ Curriculum Document) and prepare the students for part time and/or full time employment. .

Pathway – This course leads to readiness for employment.

Recommended Entry – [Level Two SPEC](#L2SPEC) but this course is open to all students.

Course Outline – This course challenges the students to identify their strengths and prove opportunities to demonstrate the Key Competencies through a personal development programme. At Level Three students are worked with in final preparations for entry into the workforce. [Gateway](#Gateway) can also sit alongside the SPEC programme and additional unit standards may also be made available where needed

Course Fees – There are no course fees.

Assessment Information – 9 Credits (0 External) -

* 3494: Take notes and write minutes for a formal meeting Level 3 Credits 3
* 1312: Give oral instructions in the workplace Level3 Credits 3
* 1279: Write in plain English Level 3 Credit 3
* Assortment of other Level 3 Unit Standards that students can choose to complete according to their interests and fit in with their Spec Booklets1

Level Three Biology [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To expand knowledge and skills in the Biological Sciences.

Pathway – This course leads to tertiary study like [Waikato University](http://sci.waikato.ac.nz/study/subjects/biological-sciences) or [Auckland University](http://www.science.auckland.ac.nz/en/about/subjects-and-specialisations/subjects-and-specialisations-at-undergraduate-level/biological-sciences-ug.html) or [BOP Polytechnic.](https://www.boppoly.ac.nz/go/programmes-and-courses/marine-studies/bachelor-science-bsc-major-in-biological-sciences)

Recommended Entry – [Level Two Biology](#L2Biology)

Course Outline – Biology is the greatest show on Earth – how could you possibly miss the opportunity to study ‘LIFE’. This course covers: modern controversial issues eg stem cells etc; animal and plant relationships to the environment, human evolution (what were our ancestors like and where did I come from); and general evolution. This course prepares you for further studies in the Biology field or just to clarify our place in the natural world.

Course Fees – Course book $32.30 and Trip to Waikato University $16.

Assessment Information – 22 Credits (13 External) -

91602 : Integrate biological knowledge to develop an informed response to a socio-scientific issue, Level 3, 3 crds *http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg(UE Reading and Writing)*

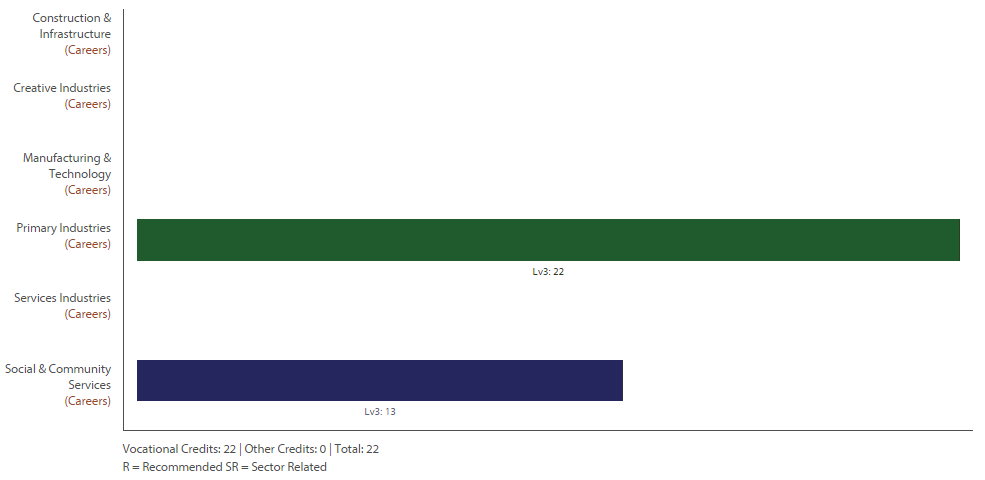
91603 : Demonstrate understanding of the responses of plants and animals to their external environment, Level 3, 5 crds http://youthguarantee.net.nz/standards/images/primary_industries.jpg*(UE Reading and Writing)*

91604 : Demonstrate understanding of how an animal maintains a stable internal environment, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg *(UE Reading)*

91605 : Demonstrate understanding of evolutionary processes leading to speciation, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg *(UE Reading and Writing)*

91606 : Demonstrate understanding of trends in human evolution, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpg*(UE Reading and Writing)*

91607 : Demonstrate understanding of human manipulations of genetic transfer & its implications L3,3crds http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg *(UE Reading)*



Level Three Mathematics with Statistics *[Return To Contents](#NCEALevelThreeCourses)*

Purpose – To develop knowledge and skills of Statistical Analysis.

Pathway – Statistics at stage one is the most common paper taken at New Zealand Universities. It is a core component of Bachelors of Science, Business, and Medicine. You can study pure a pure statistics qualification at tertiary level in courses like at [Waikato University](http://www.waikato.ac.nz/study/subjects/stat.shtml) or [Auckland University](https://www.stat.auckland.ac.nz/en/for/future-undergraduates/statistics-courses-and-career-pathways.html).

Recommended Entry – [Level Two Mathematics](#L2Mathematics) or [Level Two Advanced Mathematics](#L2AdvancedMathematics) *This course has a high Literacy element. Students must have good written communication skills and a high reading and understanding ability.*

Course Outline – This course is mostly internally assessed. The only external is Probability Distributions. The internal papers cover, Time Series Data Analysis, Bivariate Data and Formal Inferences and Experiments. **Significant** time is spent using Excel Spread sheets and new computer software and then writing reports.

Course Fees – Course books $25 and a calculator (graphical calculator is an advantage).

Assessment Information – 19 Credits Compulsory (4 External) – Some students up to 23\* Credits.

91574 : Apply linear programming methods in solving problems, Level 3, 3 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

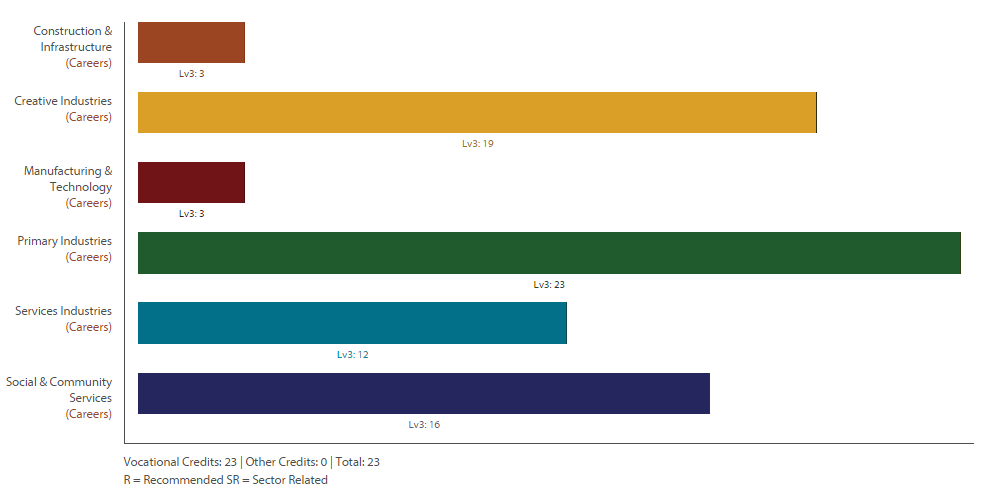
91580 : Investigate time series data, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91581 : Investigate bivariate measurement data, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91582 : Use statistical methods to make a formal inference, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91583 : Conduct an experiment to investigate a situation using experimental design principles, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpg

91586 : Apply probability distributions in solving problems, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpghttp://youthguarantee.net.nz/standards/images/social_and_community_services.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg (\*available to some students).



Level Three Technology (Product)

Purpose –To design and manufacture a product in response to a design based problem.

Pathway – This course can lead to Tertiary Programmes.

Recommended Entry – [Level Two Product Design](#L2ProductDesign) with completed Level Two External. Alternative entry can be negotiated with Mr Gerbich.

Course Outline – This course not only requires students to manufacture a specified product but to develop that product to meet the specified needs of the intended user.

Course Fees – $55 and materials related to projects.

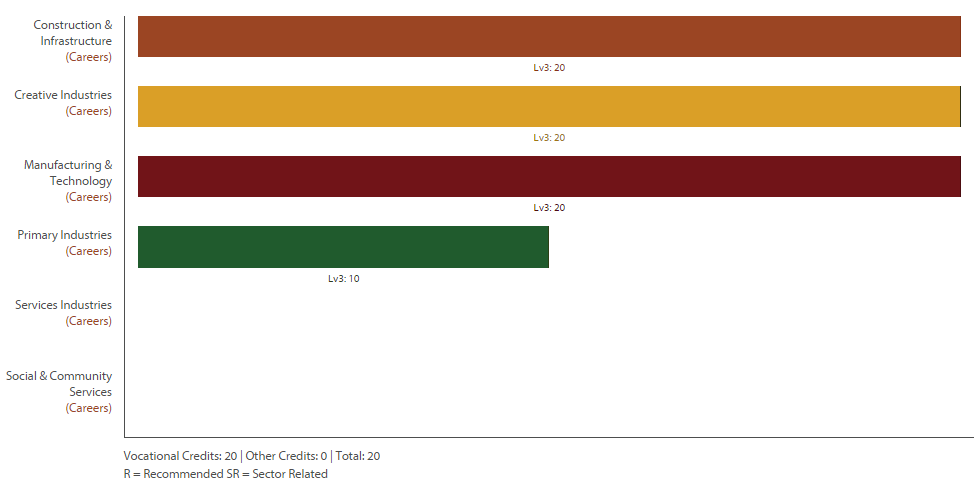
Assessment Information – 20 Credits (4 External) –

91608 : Undertake brief development to address an issue within a determined context, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91610 : Develop a conceptual design considering fitness for purpose in the broadest sense, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91613 : Demonstrate understanding of material development, Level 3, 4 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91620 : Implement complex procedures to integrate parts using resistant materials to make a specified product, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg



Level Three Textiles [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To build on skills and understanding of technological practise with soft materials.

Pathway – This course leads to tertiary study like [Wintec](http://www.wintec.ac.nz/seic/files/online/Portfolio-Guidelines-Fashion-Design.pdf) or [BOP Polytechnic](https://www.boppoly.ac.nz/go/programmes-and-courses/bachelor-creative-industries).

Recommended Entry – [Level Two Textiles.](#L2Textiles)

Course Outline – This course will be tailor made to suit the individuals taking it. It will vary depending on what direction they want to take. An external can be included at the teacher’s recommendation.

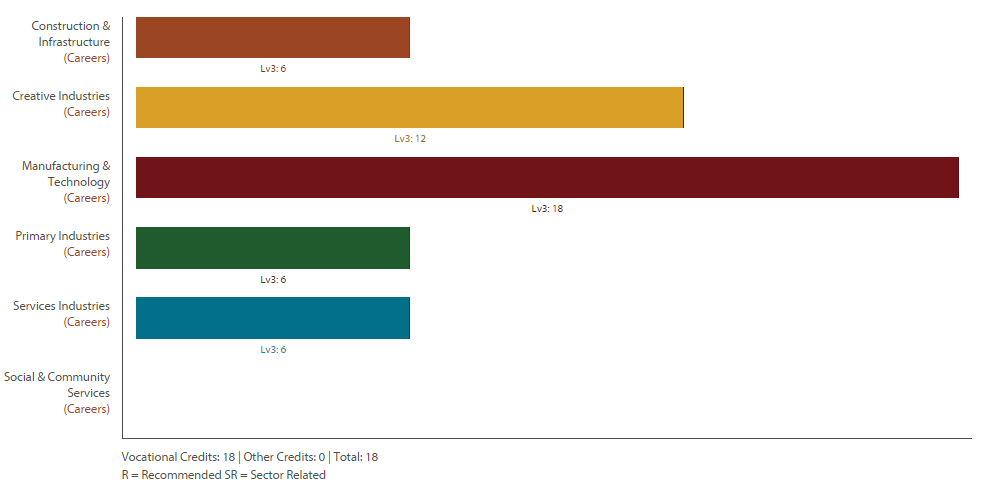
Course Fees – $45 to cover materials used in class, and you will need to provide materials for your assignment work. Possibility of visiting local Polytech.

Assessment Information – 18 Credits (0 External) -

91621 : Implement complex procedures using textile materials to make a specified product, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/construction_and_infrastructure.jpghttp://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91626 : Draft a pattern to interpret a design for a garment, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/creative_industries.jpg

91643 : Implement complex procedures to process a specified product, Level 3, 6 credits http://youthguarantee.net.nz/standards/images/manufacture_and_technology.jpghttp://youthguarantee.net.nz/standards/images/primary_industries.jpghttp://youthguarantee.net.nz/standards/images/service_industries.jpg



Level Three Travel and Tourism [*Return To Contents*](#NCEALevelThreeCourses)

Purpose – To develop knowledge and skills in Travel and Tourism. This course is designed to help students take the first step into careers in travel and tourism industries: aviation, travel, tourism, museums, retail, wholesale and hospitality.

Pathway – This course leads to tertiary study like [NZ School of Tourism](http://nzschooloftourism.co.nz/) or [Wintec](http://www.wintec.ac.nz/courses/SitePages/diploma/international-tourism.aspx) or [BOP Polytechnic](https://www.boppoly.ac.nz/go/programmes-and-courses/tourism-travel/bachelor-tourism-btour).

Recommended Entry – [Level Two Travel and Tourism](#L2TravelandTourism)

Course Outline – This course, based around Unit Standards, aims to deepen students’ understanding of the Travel and Tourism Industry. It is designed for students who are serious about a career in the industry and builds from Level Two. The course involves thorough research of different destinations, plus a closer look at how the industry operates. Credits count towards the National Certificate in Travel & Tourism.

Course Fees – Fees for first aid.

Assessment Information – 18 Credits (0 External) -

24725 Unit Describe and analyse the economic significance of tourism 4 Credits

24733 Unit Describe and promote a New Zealand tourist destination 4 Credits

3727 Unit Demonstrate knowledge of Pacific Island countries as visitor destinations 5 Credits

18221 Unit Complete tourism and travel administration tasks and use office equipment 3 Credits