

Senior Course Outline

NCEA Level Two (Y12) Subject Information

2020

The purpose of this booklet is to inform students, parents and whānau about the courses (subjects) available to students in 2020. It is important that you make good informed choices that relate to your future career and interests.

It is most important that you make the right choices for you, and create a timetable that is challenging, engaging and stimulating for 2020. You need to think carefully about your option choices, as well as get advice and information from your teachers, Learning Leader and the websites recommended within this booklet.

While we cannot guarantee that you will be able to select subjects in all the areas that you like, we hope you can access classes that meet most of your needs and interests and for those other interest areas there is the possibility of joining an online or correspondence learning community.

Helpful Links

The Ministry of Education has put together a number of resources and websites in order to better provide information to our students on NCEA, the vocational pathways and career choices. Here are some of the key websites that you can go to and be better informed.

http://youthguarantee.net.nz/vocational-pathways - gives information about Vocational Pathways http://www.studyit.org.nz - useful study tips for breaking down standards into chunks of learning http://studytime.co.nz/ - useful videos, study cards and past exam papers to help with learning http://www.careers.govt.nz - information about careers, quizzes to find out what career suits you http://www.nzqa.govt.nz - information about each subject area, NCEA requirements, literacy and numeracy

http://www.nzqa.govt.nz/about-us/publications/factsheets/ - information about how NCEA works

Explanation of NCEA

NCEA stands for National Certificate of Educational Achievement. It is the formal qualification of New Zealand secondary educational system. Throughout the year students will work to gain 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 start of the following year students will receive an NCEA certificate as well as a record of results that shows the actual standards and the results that the student achieved in each standard.

Here is a link to a promotional video explaining the basics of NCEA

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

Getting an NCEA Qualification

Level 1 Certificate	80 NCEA Level 1 Credits or above*
	WITH
	Numeracy - 10 Credits
	(EITHER from specified standards OR Unit Standards in the Numeracy package)
	AND
	Literacy - 10 Credits
	(EITHER from specified standards OR Unit Standards in the Literacy package)
	(2.11.21.11.011.0pcc.incd standards #1.011.0tc.indards in the Elected) package,
Level 2 Certificate	60 NCEA Level 2 Credits or above*
	(20 carried over from Level 1)
	WITH
	Level 1 Numeracy AND Literacy
	Level 1 Numeracy AND Literacy
Level 3 Certificate	60 NCEA Level 3 Credits or above*
Level 5 certificate	(20 carried over from Level 2)
	WITH
	Level 1 Numeracy AND Literacy
Vocational Pathways	80 NCEA Level 2 Credits (where 20 are carried over from Level 1)
Award	WITH
Award	
	60 Level 2 credits from standards associated with the recommended pathway
	OF WHICH
	20 credits are from sector related standards
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Course Endorsement	14 credits at Merit OR Excellence within a single subject area and school year
	At least 3 of these must be from externally assessed standards (exams) and 3
	from internally assessed standards
	(some subjects have exceptions including PE, Religious Studies and Visual Art)
Level Endorsement	Merit Endorsement - 50 credits at Merit (or Excellence) at the Level or above
	Excellence Endorsement - 50 credits at Excellence at the Level or above
	i.e. a Level 2 student can gain NCEA Level 2 with Excellence if they achieve Level
	2 with 50 of their 60 credits at the Excellence level from standards that are
	Level 2 or above
University Entrance#	NCEA Level 3
	PLUS
	14 credits in 3 approved subjects
	PLUS
	University Literacy (10 Level 2 Literacy credits, 5 writing and 5 reading^) and
	Numeracy (10 L1 Numeracy credits)
	, , ,

^{*}Credits can be used to count back i.e. Level 1 can include Level 1, 2, 3 or 4+ credits. Level 2 can include Level 2, 3 or 4+ credits. Level 3 can include Level 3 or 4+ credits.

Some University courses have specific requirements for entry e.g. require a certain subject to be taken at Level 3.

^ Various Level 2 and 3 subjects can offer these credits. You will notice in the subject information the codes **UE R**, **UE W** or **UE B** are given. These correspond to University Entrance Reading, University Entrance Writing or University Entrance Both (reading AND writing).

Vocational Pathways

Students should either be aiming for course/level endorsements or a Vocational Pathways Award (currently this is only available at Level 2). Vocational Pathways can best be described as a planned method of getting the skills and experiences that will best get you into a future job. There are 6 areas defined as key vocational pathways and these cover pretty much any career that you can think of. The areas are:

Construction & Infrastructure, Creative Industries, Primary Industries, Manufacturing & Technology,

Services Industries and Social & Community Services. Having a Vocational Pathways award gives students a greater chance of obtaining apprenticeships and getting into relevant tertiary programmes.

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 website http://www.careers.govt.nz/.

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 (find this tool plus many others at the bottom of the careers NZ webpage).

You can find more detail about vocational pathways at http://youthguarantee.net.nz/assets/vP-bi-fold-brochure-Apr14.pdf

Gateway

GATEWAY

- is designed to strengthen the pathway for students to progress from school to workplace learning
- provides students with structured workplace learning across a range of industries and businesses, while they continue to study at school
- delivers hands on, practical learning that leads to nationally recognised qualifications
- Builds students' workplace experience, helping them move smoothly from school to work.



Availability

Gateway is available to senior secondary students (some Year 11, Year 12 and Year 13+) at Paeroa College

Placements

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 generally spend one day a week in the workplace and usually do this for 10 weeks

Benefits For students

- an opportunity to build skills for employment and working in real workplaces
- an opportunity to try out potential careers and build links to Industry Training Organisations, modern apprenticeships and workplaces

Gateway Staff at Paeroa College

Pauline Kisling: Gateway Co-ordinator (Liaison and Placements)

Denise Grimmer: Pathways Co-ordinator (Qualifications and Industry Training Liaison)

Trades Academies

WAIKATO TRADES ACADEMY 2020

The Waikato Trades Academy (WTA) is a secondary-tertiary partnership which allows year 11, 12 and 13 secondary school students to study at Wintec while still at school, getting the benefits of both worlds.

The WTA gives students a head start; gaining specific and practical experience and skills in an industry based setting, and the opportunity to move directly into a job or apprenticeship, or further study, on completion of secondary school.

The Academy provides sector related credits required to earn a Vocational Pathway Award on your NCEA Level 2 and NCEA Level 3 qualifications.

Outcome

Participants in this programme will gain the knowledge and skills required to make decisions about career and higher level study pathways within their chosen vocational pathway.

Programmes

- Year 1 Manufacturing & Technology
- Year 1 Construction & Infrastructure
- Year 1 Service Sector
- Year 1 Social & Community Services
- Year 2 Architectural Design
- Year 2 Building & Construction

- Year 2 Electrical Engineering
- Year 2 Mechanical Engineering
- Year 2 Service Sector
- Girl's Engineering Programme
- Year 2 Automotive
- Certificate in Creative Industries

PRIMARY INDUSTRIES TRADES ACADEMY (PITA) 2020



PITA helps young people in Year 12 - 13 experience a variety of primary industry career opportunities.

The PITA programme runs over a minimum of 30 weeks, during Terms 1 to 3, and the beginning of Term 4, leaving the rest of the term for students to focus on exams.

This involves one full day out per week.



Wintec

Volcanics and Correspondence

Correspondence and Volcanics offer students the chance to study a subject that is currently not on offer in their own school OR if there is a clash of subjects.

VOLCANICS

Taking a Volcanics allows you to take a subject you are interested in but you will not be taught by a teacher in your school. You will have access to video conferences with a teacher from another school in New Zealand who will teach you subject content during weekly lessons. You will also have workbooks and dedicated study time to add to your learning experience.

Subjects likely to be offered next year include:

☐ Accounting	☐ Photography (Level 2)	☐ Korean
☐ Economics	☐ Drama	☐ Latin
☐ Geography	☐ Digital Technology	☐ Mandarin
☐ History	□ DVC	☐ Samoan
☐ Religious Studies	☐ Computer Programming	☐ Spanish
☐ Social Studies	☐ French	☐ Te Reo Māori
☐ Music	☐ German	☐ Lea Faka Tongan
☐ Visual Art	☐ Japanese	

CORRESPONDENCE

Correspondence allows you to study for a subject that is not available at your school or when you have a clash of subjects. You will be provided with learning booklets and an online tutor who will give you advice and guidance as you go.

For a full list of subjects on offer through the Correspondence School go to: https://www.tekura.school.nz/subjects-and-courses/

University Entrance (this may be relevant for 2021)

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 Paeroa College (you will need 14 credits from three)...

- Biology
- Chemistry
- Art
- Home Economics
- English
- Mathematics
- Physical Education
- Accounting
- Agriculture and Horticulture

- Health
- Business Studies
- Geography
- Science
- Technology
- Te Reo Māori

For a full list of possible UE approved subjects go to http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/approved-subjects/

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 http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/literacy-requirements/

You will notice in the subject information the codes **UE R**, **UE W** or **UE B** are given. These correspond to **University Entrance Reading**, **University Entrance Writing** or **University Entrance Both** (reading AND writing).

It is important that a student intending to go to University selects subjects in Year 12 that allow them a pathway through to University Entrance in Year 13.

Paeroa College Academies

All senior students will take an academy as part of their years work. Students will select two academies for the year, one being done in Semester 1 and the other on Semester 2. The academy will run over a whole day each week and will aim to engage students in working on an authentic, real world problem or issue that has been identified by either a teacher, group of students or community or ideally a combination of the three. Each academy will offer standards with a total value of 8 to 10 credits, they will be student centred and driven by the students' passions and interests.

An outline of each academy is available at the end of this booklet.

Possible Academies running in 2020:

- Sports Academy
- Fabric Academy
- Wearable Arts Academy
- Environmental Science Academy
- Horticulture Academy
- Engineering Academy
- Café Academy
- Business Studies Academy
- Preforming Arts Academy
- Building Academy
- Gateway

Level Two NCEA at Paeroa College

Students take **7 subjects** at Year 12 and are aiming to gain 60 credits (20 are carried over from Level 1) in order to obtain their Level 2 NCEA Certificate. They should select subjects that relate to their interests and future career. If unsure it is best that students select a range of subjects that will both keep their future options open and provide them with a programme that they are interested in. Students should choose subjects that allow them to achieve a Vocational Pathways Award and/or Subject/Level Endorsement.

Of these 7 subjects they must take an academy, the other 5 subjects chosen are up to them. Their seventh choice is Academic Tutoring where students are under supervision in a classroom with time to complete work, catch up on missed work, complete academic tracking or complete extra standards.

YEAR 12 CAMP:

All Year 13 students will need to attend a year level camp near the end of Term 2. This camp is all about experiencing a range of different cultural activities as well as learning some key life skills. Students will spend three days together improving their relationships and getting to know those they don't usually mix with. There will also be several experiences that will push them out of their comfort zones. The contribution donation will be \$100 for this camp

WHAT DO I DO NOW?

- 1. Read through the courses in this booklet that are on offer to you for 2020
- 2. Make note of the ones that interest you or those that you need for your future
 - 3. Look at the lines on the last page and choose one subject on each line

REMEMBER:

- You need to select 5 subjects
- You will also take Academic Tutoring
- You need to select your Semester 1 Academy

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P 11 BIOLOGY	P21 <u>HOSPITALITY</u>	P30 <u>CAFÉ ACADEMY</u>
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P19 <u>HEALTH</u>	P28 <u>VISUAL ART</u>	

02 AUTOMOTIVE OUTLINE 2020

Description of Course

Automotive studies is the practical application of knowledge about self-propelled vehicles or machines. Students studying automotive technology learn about engine construction, fuel and ignition systems, power trains, brakes, transmissions, electronics and diagnostic equipment. Work ethic and time management is part of the course.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US248 v9 Describe an apprenticeship employment agreement for the automotive and related industries.	1	Z	N	Е	Υ	Automotive
US21688 v3 Demonstrate knowledge of disassembling and reassembling a four stroke multi cylinder engine.	3	N	N	E	Υ	Automotive
US12349 v6 Demonstrate knowledge of time management.	3	N	N	I	Y	Automotive
US30476 v2 Demonstrate knowledge of tools and equipment used in the automotive industry.	1	N	N	I	Υ	Automotive
US30514 v1 "Practical" Carry out minor servicing tasks on an ignition system	2	N	N	I	Y	Automotive
US 21671 v2 Carry out general engineering tasks in the motor industry.	4	N	N	I	Y	Automotive

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$15 Contribution towards visiting the Domain workshop once during the year in Hamilton. \$70 This is to contribute towards external service provider "Fair view" fees.	Calculator, pen and pencil.

*Further Assessment Opportunity Available

02 BIOLOGY OUTLINE 2020

Description of Course

This course will enable students to develop an understanding of the living world and how it affects you. You will achieve this by investigating, researching, modelling and reasoning, and will build on your ability to make evidence-based conclusions. The key areas of learning are ecosystems, adaptations, genetics and evolution and cellular biology. The course will have two main contexts: Ecology and Adaptations AND Genetics and Evolution.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91153 v2 Carry out a practical investigation in a biology context, with supervision	4	N	Y	I	N	Biology
AS91155 v2 Demonstrate understanding of adaptations of plants or animals to their way of life	3	L1	N	I	Ν	Biology
AS91158 v2 Investigate a pattern in an ecological community, with supervision	4	L1	N	I	N	Biology
AS91190 v2 Investigate how organisms survive in an extreme environment	4	L1	N	I	Υ	Earth & Space
AS91157 v2 Demonstrate understanding of genetic variation and change	4	L1	N	Е	N	Biology

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	1 B8 book, pens and pencils

*Further Assessment Opportunity Available

02 BUSINESS STUDIES OUTLINE 2020

Description of Course

The Lion Foundation Young Enterprise Scheme (YES) is an opportunity for students to unleash their inner entrepreneur and experience the start-up world first-hand. It is an experiential programme where students set up and run a real business. Each YES company creates their own product or service and brings this to market. We will work with the YES and have a community focus.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS90846 V2 Conduct market research for a new or existing product	3	L1	Υ	I	N	Business Studies
AS90848 v2 Carry out, review and refine a business activity within a community context with guidance	9	L1	N	I	N	Business Studies
AS91263 v3 Design a questionnaire	3	L1	Υ	I	N	Statistics

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	N/A

*Further Assessment Opportunity Available

•UER – University Entrance Literacy Reading, UEW - University Entrance Literacy Writing, UEB - University Entrance Literacy Both Reading & Writing

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02 CHEMISTRY OUTLINE 2020

Description of Course

This course gives you an introduction to the world of chemistry – what are chemicals and how do they react? We look at a variety of key chemistry concepts including redox, analytical (practical) techniques, the relevance and impact of chemistry in society as well as how the structure and bonding of a chemical influences its physical and chemical reactivity. This course enables you to build a broad foundation of chemistry to aid you in further study of the sciences.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91163 v2 Demonstrate understanding of the chemistry used in the development of a current technology	3	L1	N	I	N	Chemistry
AS91164 v2 Demonstrate understanding of bonding, structure, properties and energy changes	5	L1	N	Е	N	Chemistry
AS91167 v2 Demonstrate understanding of oxidation-reduction	3	N	N	I	Y	Chemistry
AS91910 v1 Carry out a practical investigation into a substance present in a consumer product using quantitative analysis	4	N	Y	I	N	Chemistry
AS91911 v1 Carry out an investigation into chemical species present in a sample using qualitative analysis	3	N	N	I	Υ	Chemistry

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	1 B8 Book, Pens and pencils, calculator

*Further Assessment Opportunity Available

02 EARLY CHILDHOOD EDUCATION & CUSTOMER SERVICE SKILLS OUTLINE 2020

Description of Course

The Early Childhood units aim to give students a foundation of knowledge in expected behaviours and practices that they will encounter in an Early Childhood Centre. It also gives students the understanding of the development of children and how these behaviours can be inhibited or enhanced in an ECE service.

In Terms 2 to 4 a selection of Level 2 Unit standards are provided that offer learning towards introductory frontline customer service skills where the learner is working predominantly with customers in a face-to-face situation

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US26712 V3 Demonstrate knowledge of, and apply, agerelated nutrition needs in providing food for a child in an ECE service	4	N	N	I	N	ECE
US10020 V4 Describe personal and environmental hygiene and safety practices in an ECE service	2	N	N	I	N	ECE
US62 V3 Maintain personal presentation and a positive attitude in a workplace involving customer contact	3	N	N	I	N	Core Generics
US11938 V4 Assist customers to select goods and/or services face to face	5	N	N	I	N	Retail, Distribution and Sales
US11941 V4 Establish and maintain positive customer service interactions in a retail environment	2	N	N	I	N	Retail, Distribution and Sales

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
These courses are purchased from outside providers using Gateway or STAR funding. If booklets are not completed there may be a cost to the student	Pens and pencils

*Further Assessment Opportunity Available

02 ENGLISH OUTLINE 2020

Description of Course

This course is about building on your skills and knowledge from Level 1 English. You will have opportunities to develop your reading, writing, research and viewing skills. Much of the work we do falls across several learning areas in English so that you are able to work smarter, not harder. There will be opportunities to do both internal and external standards and the learning will be done within a yet to be decided context.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS 91105 V2 Use information literacy skills to form developed conclusions	4	UER	N	I	N	English
AS 91107 V3 Analyse aspects of visual or oral text through close viewing	3	N	N	I	N	English
AS 91101 V2 Produce a selection of controlled and crafted writing	6	UEW	N	I	N	English
AS 91099 Analyse specified aspects of studied visual or oral texts	4	UEW	N	Е	N	English
AS 91105 V2 Use information literacy skills to form developed conclusions	4	UER	N	I	N	English

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Refill, pen

 ${\it *Further Assessment Opportunity Available}$

02 FITNESS OUTLINE 2020

Description of Course

In Level 2 Fitness, students can develop skills towards understanding fitness and skill performance requirements as well as develop, devise safety management strategies for outdoor activities. Through participating in this course students will gain valuable skills that will aid them progressing into level 3 physical education/Fitness and beyond.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91330 v3 Perform a physical activity in an applied setting	4	L1	N	I	N	Health and Physical Education
AS91334 v2 Consistently demonstrate social responsibility through applying a social responsibility model in physical activity,	3	N	N	I	N	Health and Physical Education
AS91335 v2 Examine the implementation and outcome(s) of a physical activity event or opportunity	3	L1	N	I	N	Health and Physical Education
AS91336 v2 Analyse group processes in physical activity	4	L1	N	Ι	N	Health and Physical Education

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$75 for a camp	Impact Manilla Document Wallet

*Further Assessment Opportunity Available

•**UER** – University Entrance Literacy Reading, **UEW** - University Entrance Literacy Writing, **UEB** - University Entrance Literacy Both Reading & Writing

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02 GEOGRAPHY OUTLINE 2020

Description of Course

We will be conducting research about the Whakapapa Ski Field. Also you will be finding out about spatial pattern relating to the water shortage. Urban patterns in Chicago relating to the crime in the city. The Mining area in the Karangahake Gorge close to home will be analysed.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91241 v3 Demonstrate geographic understanding of an urban pattern	3	L1	N	I	N	Geography
AS91244 Conduct geographic research with guidance	5	L1	Υ	I	Ν	Geography
AS91245 v3 Explain a contemporary geographic issue in New Zealand	3	L1	N	I	N	Geography
AS91246 v3 Explain aspects of a global geographic topic with a spatial pattern	3	L1	N	I	N	Geography

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
NA	Pens and pencils

*Further Assessment Opportunity Available

02 HARD MATERIALS OUTLINE 2020

Description of Course

Students will learn that Hard Materials Technology is the result of human activity by exploring stories and experiences from their heritage, from Aotearoa New Zealand's rich cultural environment, and from contemporary examples of technology. As they learn in technology, students draw on and further develop the key competencies. This course will also extend students with engineering skills and knowledge.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB).	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS19354 v3 Undertake Brief development to address an issue	4	N	N	I	N	Technology
US29673 v1 Apply good work practices when performing basic mechanical engineering machining under supervision.	6	N	N	I	Y	Engineering
US12349 v5 Demonstrate knowledge of time management.	3	N	N	I	Υ	Core Generic
US 21911 v3 Demonstrate knowledge of safety on engineering worksites.	2	N	N	1	Υ	Engineering

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs	Materials Cost (take home items)
\$15 Contribution for materials	Pen and Pencil	\$75 for take home model

*Further Assessment Opportunity Available

02 HEALTH OUTLINE 2020

Description of Course

In Level 2 Health students can develop skills to evaluate and analyse a variety of health issues, topics, practices and trends in New Zealand society and globally. This process helps students to devise strategies and plans to take action to enhance their own well-being and the well-being of others in the whanau, school and wider community.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91236 v2 Evaluate factors that influence people's ability to manage change	5	L1	N	I	N	Health and Physical Education
AS91237 v2 Take action to enhance an aspect of people's well-being within the school or wider community	5	L1	N	I	N	Health and Physical Education
AS91239 v2 Analyse issues related to sexuality and gender to develop strategies for addressing the issues	5	L1	N	I	N	Health and Physical Education

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Impact Manilla Document Wallet

*Further Assessment Opportunity Available

02 HISTORY OUTLINE 2020

Description of Course

The Level 02 course for History gives you the opportunities to explore both history local to Aotearoa and globally. The topics are designed to develop your research techniques and inspire your curiosity for the past. You will enter the world of 20th Century Europe, learning the skills to carry out a practical study of the Origins of World War II, and its global significance. Our local contexts will include an examination of important perspectives about The Treaty of Waitangi, and how the history of our country can be explored through different points of view.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
91229 v2 Carry out an inquiry of an historical event or place that is of significance to New Zealanders	4	UEB	Z	I	N	History
91230 v2 Examine an historical event or place that is of significance to New Zealanders	5	UEB	N	I	N	History
91231 v2 Examine sources of an historical event that is of significance to New Zealanders	4	UEB	N	E	N	History
91232 v2 Interpret different perspectives of people in an historical event that is of significance to New Zealanders	5	UEB	N	I	N	History

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
Trip costs to be detailed at a later date. A recommended book that students may wish to purchase is "Big World, Small Country: The 20th Century & New Zealand's Place In It" by Graeme Ball. RRP \$59.95. This book will be useful for both Level 02 & Level 03 History.	2x blue pens, 3x highlighters (different colours), 1B5/8 or refill & folder

*Further Assessment Opportunity Available

02 HOSPITALITY OUTLINE 2020

Description of Course

This course is for students who are interested in Hospitality as a career path. You will participate in a number of practical and theory tasks to prepare you for the workplace. The key areas of learning are safe food handling, barista skills, knife skills, baking and grilling as well as vegetable cuts and salads.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM Y/N	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US167 v 8 Practise food safety methods in a food business	4	N	Ν	I	Υ	Hospitality
US13285 v 5 Handle and maintain knives in a commercial kitchen	2	N	N	I	Y	Hospitality
US17285 v8 Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision	4	Z	N	I	Y	Hospitality
US13280 v6 Prepare fruit and vegetable cuts in a commercial kitchen	2	N	N	I	Y	Hospitality
US13283 v5 Prepare and present salads for service	2	N	N	I	Υ	Hospitality
US17286 v8 Prepare and present pressed coffee for service	2	N	N	I	Υ	Hospitality

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs	Materials Cost (take home items)
\$10.00 student workbooks	2x 1B8, pencils & pens	\$55.00 to cover food take home costs

*Further Assessment Opportunity Available

02 LIFE SKILLS 2020

Description of Course

This course gives you the opportunity to make a specifically targeted resume with a cover letter so that students recognise their skills and abilities. Group work will lead to planning and setting up a flat and this will lead on to budgeting and financial literacy.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US4252 v8 Produce a Targeted CV	2	N	N	I	N	Core Generics
US1294 v7 Be interviewed in a Formal Situation	2	N	N	I	Ν	Core Generics
US12354 v5 Describe implications of Independent living including renting and flatting	4	N	N	I	N	Core Generics
US7127 v7 Exercise an Informed Choice on a major goods or service.	2	N	N	I	N	Core Generics
US28093 v3 Describe the financial responsibilities and consequences of tertiary study funding options	3	N	N	I	N	Core Generics
US10781 v6 Produce a Plan for your own future Direction	3	N	N	I	N	Core Generics

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Pens and pencils

*Further Assessment Opportunity Available

02 MATHEMATICS OUTLINE 2020

Description of Course

This course is made up of Maths internals with an optional external. It will contain a combination of Mathematics standards. Students will develop their trigonometry skills as well as their statistical skills. Networks is a different type of Maths and you will develop skills on how to build effective and quick networks such as road and rail links.

- You will learn sine and cosine rule and be able to apply these to practical problems.
- You will continue to look at data and how to deliver the findings in reports.
- You will learn about the networks that exist and what makes them effective.
- You will be able to go onto Level 3 Statistics with this course.
- May involve some short class trips looking at Networks i.e the rail trail. Also looking at trigonometry in buildings or construction.
- Perhaps a guest speaker who realises how much Mathematics has helped them in their career.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
91259 v3 Apply Trigonometry In solving problems	3	N	Y	T	Υ	Mathematics & Statistics
91264 v3 Use statistical methods to form an inference	4	L1	Y	T	Υ	Mathematics & Statistics
91268 v3 Investigate a situation involving elements of chance by designing a simulation	2	L1	Y	1	Y	Mathematics & Statistics
91260 v3 Apply network methods in solving problems	2	N	Υ	T	Υ	Mathematics & Statistics
91267 v3 Apply probability methods in solving problems	4	L1	Υ	Е	N	Mathematics & Statistics

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
510 per student towards any trips or koha for guest speakers. \$7 or external workbook	1 J8 or clear file, calculator

*Further Assessment Opportunity Available

02 MUSIC OUTLINE 2020

Description of Course

This course will enable you to develop performance, research and composition skills. You will achieve this by performing as a featured soloist or as a member of a group. You can also develop your research skills by investigating an aspect of New Zealand music. In addition, there is the opportunity to compose two substantial pieces of music using 'Soundtrap' or a similar software programme if available. Depending on your skill set we will design a course that suits.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)-	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS 91270 v3 Perform two substantial pieces of music as a featured soloist	6	N	N	I	N	Making Music
AS 91272 v2 Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	4	N	N	I	N	Making Music
AS 91278 v2 Investigate an aspect of New Zealand music	4	Y	N	I	N	Music Studies
AS 91271 v2 Compose two substantial pieces of music	6	Y	N	I	N	Making Music

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	A4 Ringbinder, A4 lined refill, pens, pencils, ruler, eraser

*Further Assessment Opportunity Available

02 PHYSICAL EDUCATION OUTLINE 2020

Description of Course

In Level 2 Physical Education, students will demonstrate understanding of biophysical principles relating to the analysis of skilled performance and safety in outdoor activities. The course will support students to develop an understanding of how the human body responds to exercise along with recognising risk factors in exercises and outdoor education activities.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)-	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS 91328 v2: Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	5	L1	N	I	N	Health and Physical Education
AS91329: Demonstrate understanding of the application of biophysical principles to training for physical activity	4	L1	N	I	N	Health and Physical Education
AS91331: Examine the significance for self, others and society of a sporting event, a physical activity, or a festival	4	L1	N	I	N	Health and Physical Education
AS91333: Analyse the application of risk management strategies to a challenging outdoor activity	3	L1	N	I	N	Health and Physical Education

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$75 for camp costs	Impact Manilla Document Wallet

*Further Assessment Opportunity Available

02 PHYSICS OUTLINE 2020

Description of Course

This course gives you an introduction to the world of physics – why do objects behave the way they do? We look at the key physics concepts of nuclear physics and mechanics. We go into depth as to how we manipulate objects movement through research and practical investigation.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91168 v2 Carry out a practical investigation that leads to a non-linear mathematical relationship	4	L1	Y	I	Υ	Physics
AS91169 v2 Demonstrate understanding of physics relevant to a selected context	3	L1	N	I	Y	Physics
AS91171 v2 Demonstrate understanding of mechanics	6	L1	Υ	Е	N	Physics
AS91172 v2 Demonstrate understanding of atomic and nuclear physics	3	L1	N	I	Y	Physics

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	1 B8 Book, pens and pencils, calculator

^{*}Further Assessment Opportunity Available

02 TE REO MĀORI OUTLINE 2020

Description of Course

This course will aim to encourage students to strengthen their oral abilities, recognise and understand more complex text in Māori and write stories from personal experiences. Students will also learn to use kiwaha, whakatauki and whakatau-ā-ki in correct context.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91284 v3- Whakarongo kia mōhio ki te reo o te ao torotoro	4	UEB	N	I	N	Te Reo Māori
AS91288 v3 - Tuhituhi i te reo o te ao torotoro	6	UEB	N	I	N	Te Reo Māori
US13359 v9 - Demonstrate knowledge and skills of Mōteatea	6	N	N	I	N	Māori Performance

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$15 Māori workbook and \$40 for two noho marae.	1B5 exercise book, pens and pencils

*Further Assessment Opportunity Available

02 TOURISM OUTLINE 2020

Description of Course

The Level 02 Tourism course for 2020 has been designed to provide an interactive experience with the Tourism Industry. You will have the opportunity to learn individually and in groups to discover the key elements of Tourism, how the industry functions within New Zealand, and how this can be compared to global Tourism locations. Problem-solving and scenario examples are a large component of this course, providing practical examples of challenges, issues, and strategies required within the Tourism Industry.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)-	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US24728 v2 Demonstrate knowledge of work roles in tourism	3	N	N	I	Y	Tourism
US24729 v3 Demonstrate knowledge of world tourist destinations	4	N	N	I	Υ	Tourism
US24730 v2 Demonstrate knowledge of the business of tourism	4	N	N	I	Υ	Tourism
US24731 v4 Demonstrate knowledge of destination New Zealand	4	N	N	I	Υ	Tourism
US24732 v2 Demonstrate knowledge of tourist characteristics and needs	3	N	N	I	Υ	Tourism

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
Day trip costs to be determined	2x blue pens

*Further Assessment Opportunity Available

02 VISUAL ART OUTLINE 2020

Description of Course

At level 2, Visual arts students will study, investigate and develop practices based on an individual theme. Work created will show understanding of art making conventions and developing ideas in a related series. The external portfolio is an option for students to complete.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (L1 or UER or UEW or UEB)+	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91311 V2 Use drawing methods to apply knowledge of conventions appropriate to painting.	4	N	N	I	Y	Visual Art
AS91316 V2 Develop ideas in a related series of drawings appropriate to established painting practice.	8	N	N	I	Y	Visual Art
AS91321 V2 Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.	12	N	N	Е	N	Visual Art
AS91325 V2 Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.	4	N	N	I	Υ	Visual Art

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$50 per student includes an art folder, cartridge paper, paint, paintbrushes, pencils, rubbers, portfolio boards, photocopying.	Students will have all required resources provided for them in this course.

*Further Assessment Opportunity Available

2020 SEMESTER 1 ACADEMIES

BUILDING ACADEMY OUTLINE SEMESTER 1 2020

(YEAR 12 & 13 ONLY)

Description of Course

Building academy will teach you real life building skills, you will spend the day learning with a qualified builder. You will work in a team on a big building project while improving your knowledge and skills.

Standard Type, Standard Number, Version and Standard Title	Level	Credits	LIT (Y/N)	NUM (Y/N)	FAO* (Y/N)	Domain Standard is From	
STANDARDS TO BE CONFIRMED -	WILL B	E 8-10 L	2/3 CRE	DITS F	OR THE SE	MESTER	
Additional Information:							
Additional information:							
Course Contribution Donation (including trips, camps, work booklets, non-take home)		rials)		Sta	ationery	Needs	

^{*}Further Assessment Opportunity Available

CAFE ACADEMY OUTLINE SEMESTER 1 2020

(YEAR 11 ONLY)

Description of Course

Learn how a café runs, cooking tasty food, presentation, budgeting and sales. You will be part of a team that plans, trials and tests recipes one week. Then prepares, present and sells the food the following week. This will be just like running a café business. If you are interested in a career in the food industry or just like cooking, then this is the academy for you.

Standard Type, Standard Number, Version and Standard Title	Level	Credits	LIT (Y/N)	NUM (Y/N)	FAO* (Y/N)	Domain Standard is From
US 15895 v5 Demonstrate Knowledge of boiling and baking in the commercial catering Industry.	1	3	N	N	N	Technology
US 15892 v5 Demonstrate knowledge of terminology used for food and recipes in Commercial Cookery	1	5	N	N	N	Technology
US 27955 v3 Apply Food Safety practices in a food- related establishment	3	5	N	N	N	Technology
US 13325 v5 Prepare and bake basic cakes, sponges, scones in a commercial kitchen	3	4	N	N	N	Technology

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$50 for food costs	Pen and A4 Clear folder for recipes (20 sleeve), a large container to take food home

^{*}Further Assessment Opportunity Available

ENGINEERING ACADEMY OUTLINE <u>SEMESTER 1</u> 2020 (YEAR 11 ONLY)

Description of Course

This academy will involve working as part of a team to complete an engineering project such as a Go Kart, minibike, trailer or that can be towed behind a vehicle. You will be part of designing and building the project. You will hone your welding skills and learn what it takes to make a functioning project. If you like working with others and in the workshop then this academy is for you.

Standard Type, Standard Number, Version and Standard Title	Level	Credits	LIT (Y/N)	NUM (Y/N)	FAO* (Y/N)	Domain Standard is From	
STANDARDS TO BE CONFIRMED – WILL BE 8-10 L1/2 CREDITS FOR THE SEMESTER							
Additional Information:							
Course Contribution Donations (including trips, camps, work booklets, non-take home materials) Stationery Needs						leeds	
\$40 for building materials and tools					1	g old clothes and Academy day	

^{*}Further Assessment Opportunity Available

Return to Subject Index

FABRIC ACADEMY OUTLINE SEMESTER 1 2020

Description of Course

This course is for students who have a keen interest in garment construction and fabric design. Students will produce a sweatshirt to learn basic skills then complete a project of their choice. Key areas include: construction processes and techniques and technology principles.

Level	Credits	LIT (Y/N)	NUM (Y/N)	FAO* (Y/N)	Domain Standard is From
1	6	N	N	N	Technology
1	6	N	N	N	Technology
2	6	N	N	N	Technology
3	6	N	N	N	Technology
	1 1 2	1 6 1 6 2 6	1 6 N 1 6 N 2 6 N	(Y/N) (Y/N) 1 6 N N 1 6 N N 2 6 N N	(Y/N) (Y/N) 1 6 N N N 1 6 N N N 2 6 N N N

Course Contribution Donations (including trips, camps, work booklets, nontake home materials)	Stationery Needs	Materials Cost (take home items)
Trip to Lincraft, student workbooks, class resources \$15		Take home costs of items produced and articles \$25

^{*}Further Assessment Opportunity Available

HORTICULTURE ACADEMY OUTLINE SEMESTER 1 2020

Description of Course

Grow your own! This course is designed to help you be able to grow your own food by planting from seed. Students will care for the school vegetable plots and be involved in other gardening tasks. You will also learn how to make your own plants from cuttings. If you like being outside then this is the course for you.

Standard Type, Standard Number, Version and Standard Title	Level	Credits	LIT (Y/N)	NUM (Y/N)	FAO* (Y/N)	Domain Standard is From
US 29508 Sow Seeds and monitor germination and emergence under close supervision	2	5	N	N	N	Horticulture
US 23781 Grow and pot up plants from stem cuttings	2	5	N	N	N	Horticulture
US2765 Plant trees or shrubs under close supervision	2	5	N	N	N	Horticulture

LEVEL 3 STANDARDS TO BE CONFIRMED – WILL BE 8-10 L3 CREDITS FOR THE SEMESTER

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs				
\$20 towards cost of entry to The National Fieldays 12th June	Refill and A4 clearfile, Students will need to bring old clothes and covered shoes/boots each Academy day				

^{*}Further Assessment Opportunity Available

PERFORMANCE ACADEMY OUTLINE <u>SEMESTER 1</u> 2020

Description of Course

This course is for students with an interest in theatre creation and performance. You will develop skills in practical performance and developing ideas into a performance, then use these skills to create a performance that can include drama and dance as well as Technologies. This is a very individualised programme and you will be assessed individually, but your final performance will be a group performance. This course is for Year 11, 12 and 13 students, each level has access to 9 credits.

Standard Type, Standard Number, Version and Standard Title	Level	Credits	LIT (Y/N)	NUM (Y/N)	FAO* (Y/N)	Domain Standard is From
AS90009 v6 Perform an acting role in a scripted production	1	5	Υ	N	N	Drama
AS90997 v2 Devise and perform a drama	1	5	Υ	N	N	Drama
AS91213 v2 Apply drama techniques in a scripted context	2	4	Y	N	N	Drama
AS91214 v2 Devise and perform a drama to realise an intention	2	5	Y	N	N	Drama
AS91512 v2 Interpret scripted text to integrate drama techniques in performance	3	4	Y	N	N	Drama
AS91513 v2 Devise and perform a drama to realise a concept	3	5	Y	N	N	Drama

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$10 Shakespeare festival entry. A proposed overnight trip to Wellington or Auckland Arts Festival. Participation in Shakespeare festival. Overnight trip to Wellington for NZ Arts Festival estimated cost \$200	1B5, pencil

^{*}Further Assessment Opportunity Available

SPORT & OED ACADEMY <u>SEMESTER 1</u> 2020 (YEAR 11 ONLY)

Description of Course

This course is for students with an interest in Outdoor Education specifically in the domains of tramping and mountain biking. You will develop relevant and specific skills pertaining to tramping such as map and weather reading, crafting, cooking and river crossings. Development skills for mountain biking are; basic 101 biking skills, correct and safe techniques when traversing intermediate or expert terrains and bike maintenance. This course will be a mixture of practical and theory work.

Standard Type, Standard Number, Version and Standard Title	Level	Credits	LIT (Y/N)	NUM (Y/N)	FAO* (Y/N)	Domain Standard is From
US20137 mountain bike on easy to intermediate terrain.	1	1	Ν	N	N	Outdoor Recreation
US457 mountain bike on intermediate to expert terrain	2	2	N	N	N	Outdoor Recreation
US425 experience day tramps	2	3	N	N	N	Outdoor Recreation
AS90965 demonstrate understanding of societal influences on physical activity and the implications for self and others	1	4	Υ	N	N	Outdoor Recreation

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)		Stationery Needs				
	\$300 to contribute to all trips and experiences. This will be subsidised by \$150 with a current Community Services Card.	1B5 exercise book, student will need to bring appropriate active wear and footwear				

*Further Assessment Opportunity Available

TIKANGA ACADEMY OUTLINE SEMESTER 1 2020

Description of Course

This academy will involve various aspects of Maori culture including but not limited to Whakairo (carving), Maori Art Design and Ākina. A great opportunity to develop various skills and the course will develop as the semester progresses. Tikanga will aim to also include emphasis on learning Mau Rakau (maori martial arts), Haka and Whakaraka (games). As well as these you will engage in looking at karakia through the ages and Maori Leaders.

Standard Type, Standard Number, Version and Standard Title	Level	Credits	LIT (Y/N)	NUM (Y/N)	FAO* (Y/N)	Domain Standard is From	
STANDARDS TO BE CONFIRMED – WILL BE 8-10 L1/2/3 CREDITS FOR THE SEMESTER							
Additional Information:							
Course Contribution Donations (including trips, camps, work booklets, non-take home materials)			Sta	tioner	y Needs		
Trip costs to be confirmed 2020	ı	Pens, pencils and refill					

^{*}Further Assessment Opportunity Available

SEMESTER 2 ACADEMIES 2020

- Building Year 11
- Café Year 12/13
- Engineering Year 12/13
- Fabric
- Gateway
- Giving Back
- Create a Film
- Sport & OED Year 12/13
- Tikanga