

Senior Course Outline

NCEA Level Two (Y12) Subject Information

2023

The purpose of this booklet is to inform students, parents and whānau about the courses (subjects) available to students in 2023. It is important that you make 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 2023. You need to think carefully about your option choices, as well as get advice and information from your teachers, Deans 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 the 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.govt.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)
Level 2 Certificate	60 NCEA Level 2 Credits or above* (20 carried over from Level 1) WITH Level 1 Numeracy AND Literacy
Level 3 Certificate	60 NCEA Level 3 Credits or above* (20 carried over from Level 2) WITH Level 1 Numeracy AND Literacy
Vocational Pathways Award	80 NCEA Level 2 Credits (where 20 are carried over from Level 1) WITH 60 Level 2 credits from standards associated with the recommended pathway OF WHICH 20 credits are from sector related standards
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)**.

BYOD

BYOD stands for Bring Your Own Device. All students will need to look after their own device and bring it each day charged for their learning. The device could be in the form of a chrome book, laptop or ipad but not a cell phone.

If you do not have or are unable to purchase a device, Paeroa College will provide a lease device, a bond payment of \$100 will be charged and returned at the end of the year if the device is returned in good condition.

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*).

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 (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)

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Trades Academies & Correspondence

WAIKATO TRADES ACADEMY 2023

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

WTA Year 1 (Level 2) programmes:

- [Vocational Pathway - Manufacturing and Technology Sector \(Level 2\)](#)
- [Vocational Pathway - Manufacturing and Technology Sector \(Longveld\) \(Level 2\)](#)
- [Vocational Pathway - Construction and Infrastructure Sector \(Level 2\)](#)
- [Certificate in Electrical Engineering \(NCEA Level 2\)](#)
- [Vocational Pathway - Services Industries Sector - Hairdressing and Beauty Therapy \(NCEA Level 2\)](#)
- [Vocational Pathway - Services Industries Sector - Café Skills \(NCEA Level 2\)](#)
- [Vocational Pathway - Social and Community Services Sector \(NCEA Level 2\)](#)
- [Outdoor Experience Level 2](#)

WTA Year 2 (Level 3) programmes:

- [Certificate in Building and Construction \(Level 3\)](#)
- [Certificate in Educational Achievement in Mechanical Engineering \(General\) \(Level 3\)](#)
- [Certificate in Educational Achievement in Automotive Engineering \(Level 3\)](#)
- [Certificate in Service Industries Sector Level 3](#)
- [Certificate in Educational Achievement in Exercise Science \(Level 3\)](#)

Correspondence

Correspondence offers 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.

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/>

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University Entrance (this may be relevant for 2024)

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
- Drama
- English
- Mathematics
- Physical Education
- Physics
- Health
- Business Studies
- Geography
- Science (*combination of Biology, Physics & Chemistry*)
- Technology (*combination of Home economics, DVC & Hard Materials*)
- 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.

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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.

Academies will be chosen early in 2023, below is a list of possible areas of learning for the 2023 academy subjects:

- Sports
- Outdoor Education
- Soft Materials Technology
- Wearable Arts
- Sculpture
- Photography
- Café
- Mahinga Kai
- Performing Arts
- Community Service
- Māori Performing Arts
- Te Ao Māori
- Design and Build
- 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 12 students will need to attend a year level camp near the start of Term 4. 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.

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WHAT DO I DO NOW?

1. Read through the courses in this booklet that are on offer to you for 2023
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 ACA
- You will select an academy for Semester 1 early next year

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02 ACA OUTLINE 2023

Description of Course

This course includes learning about how you learn, being a good road user, study skills and life skills (including basic first aid). Here you will work with your peers, take part in team building activities and have time to complete your own work. You will also be expected to track your achievement over the year.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
<i>US7117 v6 Develop strategies to enhance own learning</i>	2	N	N	I	Y	Work & Study Skills
<i>US3464 v5 Describe human risk factors in terms of a self-management strategy for a driver</i>	3	N	N	I	Y	Core driving knowledge & skills
<i>US9677 v10 Communicate in a team or group which has an objective</i>	3	N	N	I	Y	Interpersonal Communications

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
There is a Year 12 camp which will have a cost of \$100 (maximum)	N/A

*Further Assessment Opportunity Available

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

02 BIOLOGY OUTLINE 2023

Description of Course

This course will enable you 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 (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91602 v2 <i>Integrate biological knowledge to develop an informed response to a socio-scientific issue</i>	3	L1	N	I	N	Biology
AS91155 v2 <i>Demonstrate understanding of adaptations of plants or animals to their way of life</i>	3	L1	N	I	N	Biology
AS91158 v2 <i>Investigate a pattern in an ecological community, with supervision</i>	4	L1	N	I	N	Biology
AS91190 v2 <i>Investigate how organisms survive in an extreme environment</i>	4	L1	N	I	Y	Earth & Space
AS91157 v2 <i>Demonstrate understanding of genetic variation and change</i>	4	L1	N	E	N	Biology

Additional Information:

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

*Further Assessment Opportunity Available

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

02 BUSINESS STUDIES OUTLINE 2023

Description of Course

Looking to start up and run your own business within the community with a group of students? Then look no further, as Business Studies Level 2 is for you. We will work in partnership with The Young Enterprise Scheme. In this programme you will plan, run and review your business twice in the year. All profit will be reinvested into the community. We will have compulsory visits to Hamilton throughout the year (Start up workshop, pitches and market day).

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US28092 v3 Explain the effect of significant life events on personal income at different life stages	3	N	N	I	N	Financial Capability
AS90846 v2 Conduct market research for a new or existing product	3	L1	Y	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

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
Start up capital for your business (alternatively you can fundraise)	N/A

*Further Assessment Opportunity Available

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

02 CHEMISTRY OUTLINE 2023

Description of Course

This course is designed to give you foundational knowledge in Chemistry. We look at a variety of key chemistry concepts including redox, analytical (practical) techniques and how the structure and bonding of a chemical influences its physical and chemical reactivity.

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

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

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02 DIGITAL TECHNOLOGY OUTLINE 2023

Description of Course

This is a course in which students develop a software solution for a “client”. There are two standards in this course. In the first (inquiry) standard, students develop a design for a program for a client. In the second (programming) standard students develop a computer program that meets the requirements of the client. Typically, students might build an inventory system for a business.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB) ⁺	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91890 v2 <i>Conduct an inquiry to propose a digital technologies outcome</i>	6	L2	N	I	N	Digital Technology
AS91896 v2 <i>Use advanced programming techniques to develop a computer program</i>	6	L2	N	I	N	Digital Technology
AS91891 v2 <i>Apply conventions to develop a design for a digital technologies outcome</i>	3	L2	N	I	N	Digital Technology

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	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 D.V.C. OUTLINE 2023

Description of Course

This course introduces students properly to product and spatial designs. They need to explore and refine design ideas by drawing on research for inspiration. They also need to justify their design decisions by making judgements on the positive and negative of their ideas, considering both how it looks and how it works. Students will communicate their designs through design portfolios using a variety of presentation methods, including sketching and rendering.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
<i>US14995 v4 Construct freehand drawings for use in furniture making.</i>	4	N	N	I	Y	Furniture and Cabinet Making
<i>AS91341 v4 Develop a spatial design through graphics practice.</i>	6	N	N	I	N	Design & Visual Communication
<i>AS91342 v4 Develop a product design through graphics practice.</i>	6	N	N	I	N	Design & Visual Communication

Additional Information:

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

*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 ENGLISH OUTLINE 2023

Description of Course

This course builds on and develops the work done in Year 11. There is a focus on discussion and sharing of ideas; drafting and crafting of writing, in all its forms; developing an understanding of the way we are manipulated to think certain ways and how to spot this and to further your appreciation of language and literature in its written, visual and oral forms.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS 91099 v4 Analyse specified aspects of studied visual or oral texts, supported by evidence	4	UEW	N	E	N	English
AS 91101 v2 Produce a selection of crafted and controlled writing	6	UEW	N	I	Y	English
AS 91106 V2 Form developed personal reading responses to independently read texts, supported by evidence.	4	UER	N	I	N	English
AS 91107 v2 Analyse aspects of visual/oral text through close viewing	3	N	N	I	N	English
AS 91102 v2 Construct and deliver a crafted oral text	3	N	N	I	Y	English

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
It would be helpful for all students to purchase the Year 12 English workbook as this covers the whole course and can be used both as a resource and to assist in understanding each standard.	Refill and 1B8

*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 FITNESS OUTLINE 2023

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 (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91330 v3 <i>Perform a physical activity in an applied setting</i>	4	L1	N	I	N	Health and Physical Education
AS91327 v2 <i>Examine the role and significance of physical activity in the lives of young people in New Zealand</i>	3	L1	N	I	N	Health and Physical Education
AS91335 v2 <i>Examine the implementation and outcome(s) of a physical activity event or opportunity</i>	3	L1	N	I	N	Health and Physical Education
AS91332 v2 <i>Evaluate leadership strategies that contribute to the effective functioning of a group</i>	4	L1	N	I	N	Health and Physical Education

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
\$100 Camp Cost	Device, 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 2023

Description of Course

Geography is the study of the environment as the home of people. You will learn to interpret the world and how it changes over time. This year you will explore the relationships and connections between people and both natural and cultural environments.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91241 v3 <i>Demonstrate geographic understanding of an urban pattern</i>	3	L1	N	I	N	Geography
AS91244 v3 <i>Conduct geographic research with guidance</i>	5	L1	Y	I	N	Geography
AS91245 v3 <i>Explain a contemporary geographic issue in New Zealand</i>	3	L1	N	I	N	Geography
AS91246 v3 <i>Explain aspects of a global geographic topic with a spatial pattern</i>	3	L1	N	I	N	Geography
Option: AS 91240 v2 <i>Demonstrate geographic understanding of a large natural environment</i>	4	UEB	N	E	N	Geography

Additional Information:

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

*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 HARD MATERIALS OUTLINE 2023

Description of Course

This course will be based around BCATS unit standards that will give an insight to the building trade, we will have the chance to complete a project/projects that come off the back of the skills learnt around the Building trade.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US 12932 v5 Construct timber garden furniture as BCATS projects	8	N	N	I	N	Construction Trades
US 12927 v5 Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects	6	N	N	I	N	Construction Trades

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

02 HEALTH OUTLINE 2023

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 (N or 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
\$50 Trips	device 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

02 HISTORY OUTLINE 2023

Description of Course

This is an exciting course that will give you the opportunity to choose an historical event to research from a wide range of topics. Some examples of these topics include: world wars, human rights & protest movements, Māori land and cultural movements, and more. You will also learn important skills for reading and interpreting sources for information and then apply these skills in an end of year history skills exam.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91229 v2 Carry out an inquiry of an historical event or place that is of significance to New Zealanders	4	UER	N	I	N	History
AS91230 v2 Examine an historical event or place that is of significance to New Zealanders	5	UER	N	I	N	History
AS91231 v2 Examine sources of an historical event that is of significance to New Zealanders	4	UEB	N	E	N	History
US3492 v8 Write a short report	2	N/A	N	I	N	Core Skills

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
91231 workbook, practice for exams Level 2 Examining Historical Sources 2.3 Learning Workbook - \$12.00	Refill & Binder or 1B5/1B8 book for taking notes

*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 HOSPITALITY OUTLINE 2023

Description of Course

This subject is for students who have an interest in hospitality as a career. We will look to produce foods for customers using the commercial kitchen and meeting industry food handling standards. We will practice knife handling, safety and use the chefs knife to complete fruit and vegetable cuts, we also build on our baking skills from year 11. For students wanting University Approved Standards we look at nutrition and healthy food choices and complete assessments associated with this.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
<i>US167 v8 Practice food safety methods in a food business</i>	4	N	N	I	Y	Hospitality
<i>US13285 v6 Handle and maintain knives in a commercial kitchen.</i>	2	N	N	I	Y	Hospitality
<i>US13280 v7 Prepare fruit and vegetable cuts</i>	2	N	N	I	Y	Hospitality
<i>US13272 v6 Cook food items by baking</i>	2	N	N	I	N	Hospitality
<i>US13283 v6 Prepare and assemble, and present salads for service</i>	2	N	N	I	N	Hospitality

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
N/A	A clear file and refill is required.

*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 INDUSTRIAL DESIGN OUTLINE 2023

Description of Course

Industrial design centres around a variety of projects over a year. This course's key focus will be developing your understanding of how products are made in industry, and the practical skills involved in producing a chosen product. This course is designed to build your fabrication skills further, gain an ability to use critical thinking in a workshop context, and develop management skills.

Projects could include: Renovating bicycles, a go kart/drift trike, jewellery design, furniture design, or project of student choice.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
<i>US21911 Demonstrate understanding of safety procedures in a workshop</i>	2	N	N	I	N	Engineering core skills
<i>US 2395 Demonstrate and apply knowledge of the selection, use, and care of engineering hand tools</i>	4	N	N	I	N	Engineering core skills
<i>US 2396 Demonstrate and apply knowledge of the selection, use, and care of portable hand held engineering power tools</i>	4	N	N	I	N	Engineering core skills
<i>AS91344 v2 Implement advanced procedures using resistant materials to make a specified product with special features</i>	6	N	N	I	N	Generic Technology

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	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 LIFE SKILLS (CAREERS) OUTLINE 2023

Description of Course

Life Skills 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. As well as this there will be an opportunity to follow a vocational based individual learning plan which can lead to a work placement. This course is also about getting ready for the world of work, exploring options available using the latest job search skills and will also include a workplace component. It also includes some personalised learning.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US10781 v6 Produce a Plan for your own future Direction	3	N	N	I	N	Core Generic
US4252 v8 Produce a personal targeted CV (curriculum vitae)	2	N	N	I	N	Core Generic
US12354 v5 Describe implications of Independent living including Renting and Flatting	4	N	N	I	N	Core Generic
US4253 v7 Demonstrate knowledge of job search skills	3	N	N	I	N	Core Generic

Additional Information:

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

*Further Assessment Opportunity Available

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

02 MATHEMATICS OUTLINE 2023

Description of Course

This course is made up of Maths internals with an optional external.

The course 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 to look forward to.

- You will learn sine and cosine rule and be able to subdivide blocks of land.
- You will look at data and how to deliver the findings using computer programs and reports.
- You will learn about the networks that exist and what makes them effective e.g road & rail.
- You will be able to go onto Level 3 Statistics or Mathematics with this course.

This course will involve some short class trips looking at Networks i.e the rail trail. Also looking at trigonometry in buildings or construction. A class trip to see a simulation in action as well.

- This course will involve guest speakers who can demonstrate how much Mathematics has helped them in their careers.

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

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
	1 J8 or clear file for notes

*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 MUSIC OUTLINE 2023

Description of Course

This course offers opportunities to perform as a soloist or in a group on your preferred instrument. There is also the opportunity to investigate either an aspect of New Zealand music or the development and usage of music technology in a research assignment. Composing two pieces of music which express your own musical ideas is also available as an option. The key areas of learning will build on your performance, research and compositional skills.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91270 v2 Perform two substantial pieces of music as a featured soloist.	6	N	N	I	N	Making Music
AS91272 v3 Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	4	N	N	I	N	Making Music
AS 91271 v2 Compose two substantial pieces of music	6	N	N	I	N	Making Music
EITHER: AS91278 v2 Investigate an aspect of New Zealand music	4	UEB	N	I	N	Music Studies
OR: US27657 v3 Demonstrate knowledge of the development and usage of music technology, techniques, and associated equipment	4	N	N	I	N	Music Technology

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	1x A4 Ringbinder, 1x set of Indices, 1x Lined A4 Refill, Pens, pencils, eraser, highlighters

*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 PAINTING OUTLINE 2023

Description of Course

Students in Year 12 will be primarily painting in this course. You will be able to choose your own theme for your artwork. You will learn lots of new techniques, methods and processes to help advance your skills further! There is also a standard that has the flexibility to be a sculpture, mask or mural (negotiated with the teacher). The internal painting standards do contribute towards the external portfolio.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or 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.	4	N	N	I	Y	Visual Art
AS91322 v2 Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.	12	N	N	E	N	Visual Art
AS91460 v2 Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context	4	N	N	I	N	Visual Art

Additional Information:

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

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02 PHYSICAL EDUCATION OUTLINE 2023

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, recognising risk factors involved with exercising and outdoor education activities to enable them to make more informed decisions in the future.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
AS91328 v2 <i>Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills</i>	5	L1	N	I	N	Health and Physical Education
AS91329 v2 <i>Demonstrate understanding of the application of biophysical principles to training for physical activity</i>	4	L1	N	I	N	Health and Physical Education
AS91334 v2 <i>Consistently demonstrate social responsibility through applying a social responsibility model in physical activity</i>	3	N	N	I	N	Health and Physical Education
AS91333 v2 <i>Analyse the application of risk management strategies to a challenging outdoor activity</i>	3	L1	N	I	N	Health and Physical Education

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
\$100 Camp Costs	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 PHYSICS OUTLINE 2023

Description of Course

This course is designed to give you a foundational knowledge in Physics. We look at the key physics concepts of nuclear physics and mechanics. We will be developing an understanding of why objects behave the way they do, and how we can manipulate their movement. We will use research and practical investigations/demonstrations throughout the course.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or 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	Y	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	Y	E	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

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

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02 SOCIAL SCIENCE STUDIES OUTLINE 2023

Description of Course

This course offers a selection of standards from the wider Social Science curriculum that are not offered as part of a dedicated year long course. The design of this course is intended to offer you a variety of learning contexts to broaden your understanding of human society & culture, relationships between people groups, and important philosophies or ideas that inform people's beliefs and actions.

The key areas of learning this course may draw from are: Legal Studies, Media Studies, Social Studies and Tourism. As you will complete one standard per term, the listed standards below are an *indication only* of what may be available in 2023.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB) ⁺	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
<i>US27840 v2 Evaluate a concept of justice in relation to a specific situation</i>	4	N	N	I	N	Social Science
<i>AS91492 v2 Demonstrate understanding of the media representation of an aspect of New Zealand culture or society</i>	3	Y	N	I	N	Social Science
<i>AS91600 v2 Examine a campaign of social action(s) to influence policy change(s)</i>	4	Y	N	I	N	Social Science
<i>US28216 v3 Demonstrate knowledge of world geography, including the Pacific Islands and Australia, relevant to the travel industry</i>	5	N	N	I	N	Social Science

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	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 TE AO MĀORI OUTLINE 2023

Description of Course

This course is for students who are interested in growing their understanding in all aspects of te ao Māori. It features a balance of both practical and theoretical learning to provide you with an in-depth understanding of issues relevant to Māori such as history, politics, beliefs, and mahi toi (art). There will be an emphasis on developing your understanding and practice of core tikanga like manaakitanga. This will be achieved by participating in practical activities like catching and cooking your own kai. Making hangi, preparing food for guests, and field trips to places of importance to Māori. Please note though assessment 1-3 are unit standards, you can receive an achieve, merit, or excellence grade; this will count towards your endorsement.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
<i>US30540 v2 Plan, prepare, and produce a hāngi as part of a team.</i>	5	N	N	I	N	Tikanga
<i>US7869 v4 Prepare and harvest harakeke for kete whakairo</i>	3	N	N	I	N	Manaaki Marae
<i>US23009 v1 Apply and identify Māori art conventions to explore whakairo</i>	5	N	N	I	N	Whakairo
<i>US32185 v2 Demonstrate knowledge and expression of manaakitanga</i>	5	N	N	I	N	Te Iti a Taranga

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
Noho Marae x2 = \$40	Chromebook, 1B5, Pens

*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 TE REO MĀORI OUTLINE 2023

Description of Course

In this course you will learn a variety of traditional Māori games, develop your understanding and command of Te Reo Māori and expand your knowledge of tikanga Māori. We will make and learn to play our own traditional Māori instruments. We will take field trips to sites of significance to learn New Zealand history from a Māori perspective and have noho marae where we can familiarise ourselves with the marae complex and duties to be carried out, from cooking Hangi and plating gardens to karanga and whai korero.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or 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
AS91285 v3 Kōrero ki whakamahi i te reo o te ao torotoro	6	UEB	N	I	N	Te Reo Māori

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
\$40 for two noho marae	1B5 book, pens, pencils

*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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UNIVERSITY ENTRANCE LITERACY OUTLINE 2023

Description of Course

This course is designed to build your research and writing skills. This course will teach you how to research, reference, structure essays, reports and write for an audience. Mastering this course means that you will have met the writing criteria for entry into university.

Standard Type, Standard Number, Version and Standard Title	Credits	LIT (N or L1 or UER or UEW or UEB)*	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
US22750 v2 Write a crafted text for a specified audience using researched material in English for an academic purpose	6	UEW	N	I	N	Languages
AS91411 v2 Investigate a socio-scientific issue in an Earth and Space Science context	4	UER	N	I	N	Earth & Space Science
US1279 v8 Write in plain English	3	N	N	I	N	Communication Skills

Additional Information:

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

*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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LEVEL 2 - 2023 Senior Subject Lines - these lines are an indication only and may be subject to change

Line 1	Line 2	Line 3	Line 4	Line 5	Line 6	Line 7
02MAT Mathematics	02DVC Design & Digital Communication	02FIT Fitness	02ACA	02PED Physical Education	02PHY Physics	Students will select academies early in 2023
02PED Physical Education	02DIT Digital Technology	02PAI Painting		02IND Industrial Design	02WDT Wood Technology	
02HIS History	02HEC Home Economics	02TRM Te Reo Māori	02BIO Biology	02LIFC Life Skills Careers		
02HEC Home Economics	02TAM Te Ao Māori	02SOC Social Science Studies	02MUS Music	02GEO Geography		
02TAM Te Ao Māori	02HEA Health	02CHE Chemistry	02BUS Business Studies	02FIT Fitness		
02LIT University Entrance Literacy		02ENG English				
02HEA Health						

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