

Senior Course Outline

NCEA Level Two (Y12) Subject Information

2021

The purpose of this booklet is to inform students, parents and whānau about the courses (subjects) available to students in 2021. 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 2021. 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)
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. During 2020 we trialled students managing their own devices in classes, this was either a leased device from Paeroa College or bringing their own device. We found this to be very successful and so this will continue in 2021. 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*).

You can find more detail about vocational pathways at <http://youthguarantee.net.nz/assets/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 (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

WAIKATO TRADES ACADEMY 2021

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.

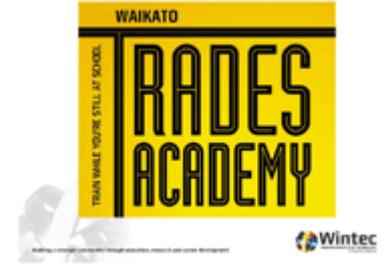
Programmes

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 \(Level 3\)](#)



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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:

- | | | |
|---|--|--|
| <input type="checkbox"/> Accounting | <input type="checkbox"/> Photography (Level 2) | <input type="checkbox"/> Korean |
| <input type="checkbox"/> Economics | <input type="checkbox"/> Drama | <input type="checkbox"/> Latin |
| <input type="checkbox"/> Geography | <input type="checkbox"/> Digital Technology | <input type="checkbox"/> Mandarin |
| <input type="checkbox"/> History | <input type="checkbox"/> DVC | <input type="checkbox"/> Samoan |
| <input type="checkbox"/> Religious Studies | <input type="checkbox"/> Computer Programming | <input type="checkbox"/> Spanish |
| <input type="checkbox"/> Social Studies | <input type="checkbox"/> French | <input type="checkbox"/> Te Reo Māori |
| <input type="checkbox"/> Music | <input type="checkbox"/> German | <input type="checkbox"/> Lea Faka Tongan |
| <input type="checkbox"/> Visual Art | <input type="checkbox"/> Japanese | <input type="checkbox"/> Equine Studies |
| <input type="checkbox"/> Psychology | <input type="checkbox"/> Philosophy | <input type="checkbox"/> Electronics |
| <input type="checkbox"/> Agriculture & Horticulture | | |

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/>

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University Entrance (this may be relevant for 2022)

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 2021:

- Sports Performance Academy
- Fabric Academy
- Crafts Academy
- Wearable Arts Academy
- Environmental Science Academy
- Horticulture Academy
- Automotive Academy
- Café Academy
- Sculpture Academy
- Police Studies
- Leadership Academy
- Mahinga Kai
- Business Studies Academy
- Performing Arts Academy
- Building Academy
- Giving Back Academy
- Māori Performing Arts Academy
- Gateway

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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.

WHAT DO I DO NOW?

1. Read through the courses in this booklet that are on offer to you for 2021
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 need to select your Semester 1 Academy

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02 ACA OUTLINE 2021

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). In 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 2021

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 (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 Integrate biological knowledge to develop an informed response to a socio-scientific issue	3	L1	N	I	N	Biology
AS91155 v2 Demonstrate understanding of adaptations of plants or animals to their way of life	3	L1	N	I	N	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	Y	Earth & Space
AS91157 v2 Demonstrate understanding of genetic variation and change	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/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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02 BUSINESS STUDIES OUTLINE 2021

Description of Course

Looking to create your own business in a group, either selling a product or service? Then Business Studies Level 2 is for you. We will work in partnership with The Lions Foundation Young Enterprise Scheme (YES). This is an experiential programme where students set up and run a real 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
AS91263 v3 Design a questionnaire	3	L1	Y	I	N	Statistics
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
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 CHEMISTRY OUTLINE 2021

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 (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	N	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	Y	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

02 CLASSICAL STUDIES OUTLINE 2021

Description of Course

Dive into the Classical World of Greece and Rome and discover the stories and achievements of these past civilisations. This course features two internal standards and an external exam.

Learn about significant events from the Classical worlds, such as the strategic Battle of Marathon (yes, that's where the name comes from!). Study Roman and Greek architecture and see how these designs from centuries past have been influential in modern-day buildings like the Westpac Stadium in Wellington.

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
AS91202 Demonstrate understanding of a significant event in the classical world	4	UER	N	I	N	Classical Studies
AS91204 Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures	6	UER	N	I	N	Classical Studies
AS91200 Examine ideas and values of the classical world (please note the exam topic may be subject to change)	4	UEB	N	E	N	Classical Studies

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
Level 2 Classical Studies Study Guide - \$31.00* *Optional purchase that you can keep for yourself (If you purchased this in Y11 you will not need to do so again)	1B5 or 1B8 book for taking notes OR refill & binder

*Further Assessment Opportunity Available

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

02 D.V.C. OUTLINE 2021

Description of Course

This course focuses on designing and making a product. You will learn about following a process of design to develop a product that addresses an identified issue. You will also learn about different design movements and eras - using them as influences for your design ideas. You will communicate your design through a variety of presentation methods, including sketching, rendering and physical models. Once your design is completed you will be modelling it on 3D modelling software and creating it using the 3D printer and/or laser cutter, ultimately ending up with a finished physical product of your own design.

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
AS91340 v4 Use characteristics of a design movement or era to inform own design ideas.	3	N	N	I	N	Design & Visual Communication
AS91342 v4 Develop a product design through graphics practice.	6	N	N	I	N	Design & Visual Communication
AS91344 v4 Implement advanced procedures using resistant materials to make a specified product with special features.	6	N	N	I	N	Construction & Mechanical Technologies

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

02 ENGLISH OUTLINE 2021

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 91105 v2 Use information literacy skills to form developed conclusions	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 (including trips, camps, work booklets, non-take home materials)	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.	Workbook Refill

*Further Assessment Opportunity Available

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

02 FITNESS OUTLINE 2021

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 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	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	I	N	Health and Physical Education

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$75 Camp Cost	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 2021

Description of Course

Gold mining in the Coromandel Region is still a current issue. We will report on the mining at Waihi Martha Mine and then conduct research at the Karangahake Gorge and Victoria Battery. Geography also teaches you about patterns within society. One such pattern which we will study is the pattern of crime in the American city of Chicago. Finally we will also learn about the issue of water scarcity around the world and how to measure and explain this pattern.

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

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

02 HARD MATERIALS OUTLINE 2021

Description of Course

This course focuses on improving various carpentry skills and techniques in the production of a self-designed project, also with enhancing skills will come more experience with a numerous amount of more technical carpentry tools and machines. Throughout the production of this project the student will be having an in-depth look into the design and functional modelling side of Hard Materials Technology.

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
AS91356 v3 <i>Develop a conceptual design for an outcome</i>	6	N	N	I	N	Generic Technology
AS91357 v3 <i>Undertake effective development to make and trial a prototype</i>	6	N	N	I	N	Generic Technology
US24360 v2 <i>Demonstrate knowledge of timber and other construction materials</i>	5	N	N	I	N	Construction Trades

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 HEALTH OUTLINE 2021

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	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 2021

Description of Course

This course builds on the skills that were developed in Level 1. You will be given 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 history 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
AS91232 v2 Interpret different perspectives of people in an historical event 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

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 2021

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 lessons which will prepare you for the workplace. Handling food in a safe manner and working with vegetables to prepare salads and use knives safely is the main focus.

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 v5 Handle and maintain knives in a commercial kitchen</i>	2	N	N	I	Y	Hospitality
<i>AS91299 v2 Analyse issues related to the provision of food for people with specific food needs</i>	5	N	N	I	N	Home Economics
<i>US13283 v5 Prepare and present salads for service</i>	2	N	N	I	Y	Hospitality
<i>US13276 v5 Cook food items by grilling</i>	2	N	N	I	Y	Hospitality

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
\$20.00 student workbooks	1x 1B8 exercise book pencils, pens, ruler etc.

*Further Assessment Opportunity Available

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

02 LIFE SKILLS OUTLINE 2021

Description of Course

Life skills will give you the chance to explore skills that will set you up for the future and life. You will explore what sorts of skills you have and what your interests are for a future career. You will make decisions from there and learn how to look for jobs and create a targeted cv. Along the way you will also learn life skills like communicating and working with others to achieve something.

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>US10781 v6 Produce a Plan for your own future Direction</i>	3	N	N	I	N	Core Generics
<i>US4252 v8 Produce a personal targeted CV (curriculum vitae)</i>	2	N	N	I	N	Core Generics
<i>US9677 v10 Communicate in a team or group which has an objective</i>	3	N	N	I	N	Communication Skills
<i>US12355 Describe strategies for managing stress</i>	3	N	N	I	N	Core Generic
<i>US4253 v7 Demonstrate knowledge of job search skills</i>	3	N	N	I	N	Core Generic

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	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 2021

Description of Course

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 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 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 - Tip top.
- 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
AS91259 v3 Apply Trigonometry In solving problems	3	N	Y	I	Y	Mathematics & Statistics
AS91264 v3 Use statistical methods to form an inference	4	L1	Y	I	Y	Mathematics & Statistics
AS91268 v3 Investigate a situation involving elements of chance by designing a simulation	2	L1	Y	I	Y	Mathematics & Statistics
AS91260 v3 Apply network methods in solving problems	2	N	Y	I	Y	Mathematics & Statistics
AS91267 v3 Apply probability methods in solving problems	4	L1 Lit	Y	E	N	Mathematics & Statistics

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	Stationery Needs
\$10 per student towards any trips or koha for guest speakers	1 workbook for external \$7 1 J8 or clear file, calculator

*Further Assessment Opportunity Available

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

02 METAL FABRICATION & WELDING OUTLINE 2021

Description of Course

This course provides advanced metal engineering skills for those students interested in working with machinery. Students will make a product that involves following processes and will have some working parts. Workshop health and safety is an essential component of this 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
<i>US21911 v3 Demonstrate knowledge of safety on engineering worksites</i>	2	N	N	I	Y	Engineering
<i>US29673 v1 Apply good practices when performing basic mechanical engineering machining operations under supervision</i>	6	N	N	I	Y	Engineering
<i>AS91344 v4 Implement advanced procedures using resistant materials to make a specified product with special features</i>	6	N	N	I	N	Technology

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
student workbooks \$20.00	Clearfile, pens, pencils and ruler

*Further Assessment Opportunity Available

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

02 MUSIC OUTLINE 2021

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 an aspect of New Zealand music in a research assignment. The key areas of learning will build on your performance and research 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 Perform two substantial pieces of music as a featured soloist.	6	N	N	I	N	Making Music
AS91272 Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	4	N	N	I	N	Making Music
AS91278 Investigate an aspect of New Zealand music	4	UEB	N	I	N	Music Studies

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	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 2021

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 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 (including trips, camps, work booklets, non-take home materials)	Stationery Needs
N/A	Photocopy credit will be needed for this course.

*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 PATHWAYS OUTLINE 2021

Description of Course

This course is all about getting ready for the world of work, explore options available using the latest job search skills and will also include a workplace component

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>US1294 v7 Be Interviewed in a Formal Interview</i>	2	N	N	I	N	Communication Skills
<i>US1979 v10 Describe Employment Agreements</i>	3	N	N	I	N	Core Generics
<i>US12383 v8 Explore Options and their Implications</i>	3	N	N	I	N	Core Generics
<i>US4253 v7 Describe Knowledge of Job Search Skills</i>	3	N	N	I	N	Core Generics
<i>US10780 v5 Describe the significance of one's work within an Employing Organisation</i>	3	N	N	I	N	Core Generics
<i>US12382 v5 Complete a work experience placement</i>	3	N	N	I	N	Core Generics

Additional Information:

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

*Further Assessment Opportunity Available

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

02 PHOTOGRAPHY OUTLINE 2021

Description of Course

A new subject bound to create interest!! Students in Year 12 will be learning lots of techniques, methods and processes in the world of photography. You will be able to choose your own theme to work with, it could be still life, portraiture or landscape etc? You will learn from artist models and learn a few hacks as well. The internal photography standards do contribute towards the external portfolio.

There is also a standard that has the flexibility to be a sculpture, mask or mural.
(negotiated with teacher)

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
AS91312 v2 Use drawing methods to apply knowledge of conventions appropriate to photography.	4	N	N	I	Y	Visual Art
AS91317 v2 Develop ideas in a related series of drawings appropriate to established photography 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 photography.	12	N	N	E	N	Visual Art
AS91325 v2 Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.	4	N	N	I	Y	Visual Art

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
N/A	Photography will require a smartphone with a camera of at least 10 megapixel rear camera capability or a SLR camera. Photocopy credit is essential for the photography standards.

*Further Assessment Opportunity Available

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

02 PHYSICAL EDUCATION OUTLINE 2021

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
AS91331 v2 <i>Examine the significance for self, others and society of a sporting event, a physical activity, or a festival</i>	4	L1	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
\$75 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

02 PHYSICS OUTLINE 2021

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 an object's movement through research and practical investigation.

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
AS91168 v2 <i>Carry out a practical investigation that leads to a non-linear mathematical relationship</i>	4	L1	Y	I	Y	Physics
AS91169 v2 <i>Demonstrate understanding of physics relevant to a selected context</i>	3	L1	N	I	Y	Physics
AS91171 v2 <i>Demonstrate understanding of mechanics</i>	6	L1	Y	E	N	Physics
AS91172 v2 <i>Demonstrate understanding of atomic and nuclear physics</i>	3	L1	N	I	Y	Physics

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
N/A	Scientific calculator, 1B8 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 TE REO MĀORI OUTLINE 2021

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 <i>Whakarongo kia mōhio ki te reo o te ao torotoro</i>	4	UEB	N	I	N	Te Reo Māori
AS91288 v3 <i>Tuhituhi i te reo o te ao torotoro</i>	6	UEB	N	I	N	Te Reo Māori
AS91285 v3 <i>Kōrero ki whakamahi i te reo o te ao torotoro</i>	6	UEB	N	I	N	Te Reo Māori

Additional Information:

Course Contribution Donations (including trips, camps, work booklets, non-take home materials)	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

02 TOURISM OUTLINE 2021

Description of Course

The Level 2 Tourism course for 2021 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 (N or L1 or UER or UEW or UEB)	NUM (Y/N)	Internal / External (I/E)	FAO* (Y/N)	Domain Standard is From
<i>US24728 v2 Demonstrate knowledge of work roles in tourism</i>	3	N	N	I	N	TOURISM
<i>US24729 v3 Demonstrate knowledge of world tourist destinations</i>	4	N	N	I	N	TOURISM
<i>US24730 v2 Demonstrate knowledge of the business of tourism</i>	4	N	N	I	N	TOURISM
<i>US24731 v4 Demonstrate knowledge of destination New Zealand</i>	4	N	N	I	N	TOURISM
<i>US24732 v2 Demonstrate knowledge of tourist characteristics and needs</i>	3	N	N	I	N	TOURISM

Additional Information:

Course Contribution Donations <i>(including trips, camps, work booklets, non-take home materials)</i>	Stationery Needs
Day trip costs to be determined	Pens for writing

**Further Assessment Opportunity Available*

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