



NELSON COLLEGE

TE KURA TAMATĀNE O WHAKATŪ

2023 CURRICULUM



NELSON COLLEGE

pietas probitas et sapientia

Curriculum 2023

Kia ora Student,

The 2023 Curriculum booklet outlines the subjects available to students and explains how they are structured into a year's course of study. It outlines qualification frameworks and lists the co-curricular activities available to you. Reading this booklet is the first step in the process of choosing your course of study for 2023.

The decisions you make now will impact on your future, so it is important to consider them carefully. Discuss the options with your parents or legal guardian. Gather as much information as you can so that you can make an informed decision that is right for you.

There are a number of people at Nelson College who can offer you invaluable advice: your homeroom teacher, a subject teacher, year level Dean, a Facility Leader, the Careers Advisor or a member of the Leadership Team.

In considering what subjects you wish to take in 2023, think about your possible future career and/or study plans.

Begin by asking yourself some important questions:

- What do I enjoy?
- What will I want to do in the future?
- How can I turn what I enjoy into a pathway for my future?
- What do I have to do to enter this pathway?
- What will I be doing in ten years time?

Make sure you understand what qualification you may gain from each of the subjects you take and whether each subject choice moves you along your chosen pathway.

At Nelson College we believe that balance is important. We believe that students who experience success are students who accept opportunities, have focus and involve themselves in school life, whether it be in the classroom, on the sports field, in a band or on stage. Whatever choices you make and activities you choose to be involved in, ensure that you give them your full commitment and in time you will reap the rewards.

Most of all, once you have made the choices, accept and enjoy the challenges that will be offered in and out of the classroom in 2023.

Richard Dykes
TUMUAKI

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The Structure of Courses – an overview

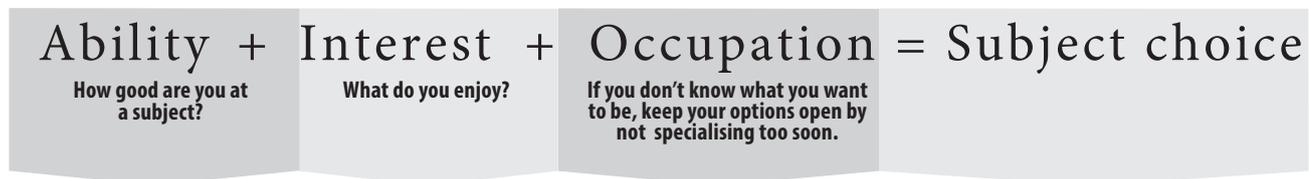
Courses are structured at all levels of the College to ensure that students have the necessary academic and skills background for whatever future (tertiary training and/or career) they may decide on.

In Year 9, most of the course is compulsory, whereas by Year 13, there is no compulsory element. By their fifth year, students should have some idea of a future course for themselves.

Subject	Year 9	Year 10	Year 11	Year 12	Year 13
English					
Mathematics					
Science					
Health Education					
Physical Education					
Social Studies					
Art (combo)					
Skills Through Technology					
Optional courses	Choose 1 1/2 year course	Choose 4 1/2 year courses	Choose 3 full year courses	Choose 5 full year courses	Choose a minimum of 4 full year courses

Choosing a course of study

Here is a formula that may help you:



Also refer to the double page Course Overview chart which shows how subjects progress through the year levels from general to specialist programmes.

Course Guidance Team

If you need help with your choice of subjects please ask:

- Your present subject teacher
- Teachers in charge of subjects
- Your Dean
- A Guidance Counsellor
- Careers Advisor

Research shows that the two main influences on subject choice are:

- What subjects your friends are taking
 - Who is teaching a particular subject
- Neither of these should influence your subject choice.

Your friends may not be in the same class as you next year even if you take the same subjects and no one yet knows who will be teaching any subject next year, so concentrate on what you need for your future.

2023 Year 9 students and their parents/legal guardian will have an interview with members of the student support team during Term 4, 2022.

Course Selection Evening

This is an opportunity for students and their caregivers to view curriculum displays and talk to subject teachers to discuss future options. **Thursday 18 August** in the school hall.

Timeline for Subject Selection

Online Course Selection opens on **Monday 15 August** and closes on **Friday 26 August**.

Curriculum Overview Chart

LEARNING AREA	YEAR 9 SUBJECTS	YEAR 10 SUBJECTS
The Arts	Art Design Drama Performance Music Performance ARTS COMBO Musical Awareness Art Drama	Art Art Design Drama Music Performance
Health and Physical Well-being	Physical Education Health	Physical Education Health p Rugby Athlete Development program (Full or Half year course) p Athlete Development Program
English / Media Studies	English	English
Languages	ESOL ESOL Immersion Japanese Te Reo Māori	ESOL ESOL Immersion p Japanese p Te Reo Māori } Full or half year course
Mathematics	Mathematics	Mathematics
Science	Science	Science Investigative Science
Social Sciences	Social Studies Future Focus & Problem Solving (Enrichment class and selected entry)	Social Studies History/Classics Accounting / Business Economics Future Focus & Problem Solving
Technology	Skills through Technology Computing Graphics Metal Wood	Computer Digital Technologies Graphics (Full or half year course) Technology Design Technology Metal OR Design Technology Wood Food Studies
Careers and Communication/Life Skills		

Notes:

BOLD type indicates compulsory subject.

Other subjects listed are options that students may **choose** to take.

NB This information is correct as at July 2022

Please note we reserve the right to change, withdraw or add to courses offered before the start of the next school year.

Information regarding such changes will be made available as appropriate.

Where does your learning lead?

LEVEL 1 SUBJECTS	LEVEL 2 SUBJECTS	LEVEL 3 SUBJECTS
e Art OR e Art Design e Art Photography	e Art Design e Art Painting e Art Photography	e # Art Design e # Art Painting e # Art Photography
e Drama p e Music	p e Drama p Māori Performing Arts p e Music	p e # Drama p Māori Performing Arts p e # Music
e Physical Education e Health p Outdoor Education	p e Physical Education p e Health p Outdoor Education p Sports Extension Programme Rugby (selected entry)	p e # Physical Education p e # Health p Outdoor Education p Sports Extension Programme Rugby (selected entry)
English Communication Literacy English Language p e English Literature p e English Extension	English Communication Literacy English Language p e English Literature p e English Extension	p # English Language p e # English Literature
e Media Studies	e Media Studies	p e # Media Studies
p ESOL p e Japanese p e Te Reo Māori	p ESOL p e Japanese p e Te Reo Māori	p ESOL p Senior ESOL Immersion p e # Japanese p e # Te Reo Māori
p Mathematics with Applications p e Mathematics with Algebra	p Mathematics with Applications p e Mathematics with Algebra	p e # Mathematics with Calculus p e # Mathematics with Statistics p # Mathematics
p e Practical Science p Applied Science p e Science e Science Extension	p e Biology p e Chemistry p e Earth and Space Science p e Physics	p e # Biology p e # Chemistry p e # Earth and Space Science p e # Physics
e Geography e Classics e History e Accounting e Economics	e Geography e Classics e History p e Accounting e Business p e Economics Tourism	# Geography e # Classics e # History p e # Accounting p e # Business p e # Economics Tourism
e Computer Digital Technologies e Computer Studies p e Graphics p e Design and CAD Technology e Mechanical Engineering e BConstructive Fine Wood e Food and Hospitality	p e Computer Digital Technologies p e Computer Studies p e Graphics p e Design and CAD Technology e Automotive Engineering p Industrial Engineering p Industrial Skills Wood Technology p Trade Building p Food and Hospitality	p e # Computer Digital Technologies p e # Computer Studies p e # Graphics p e # Design and CAD Technology e Automotive Engineering p Industrial Engineering p Industrial Skills Wood Technology p Trade Building p Food and Hospitality
Vocational Pathways & Education	p Vocational Pathways & Education Gateway Programme TOTSTA (Trades Academy)	Vocational Pathways & Education Gateway Programme TOTSTA (Trades Academy)

Approved for University Entrance (Level 3 credits)
p Pre-requisites
e Course can be endorsed with Merit or Excellence

Student evaluation, reviews, interviews, examinations and reports

The academic progress of students is constantly being evaluated throughout the year through a variety of assessments. Senior students are given a schedule of assessments in each subject.

Years 9 and 10

Regular Deans' meetings monitor the progress of individual students. A progress report is issued in Term 1. Academic reports are issued during Term 2 and at the end of Term 4. Parent-Teacher interviews are held twice a year.

Years 11 – 13

A progress report is issued in Term 1. Academic reports are issued during Term 2 and Term 3. Parent-Teacher interviews are held twice a year. Practice exams are in Term 3. Internal results are available to be viewed via the parent portal.

The importance of homework, home study and review

Nelson College endorses the importance of home study as an essential component in the learning process. Students can expect home study tasks on a regular basis from all their subject areas.

Common forms of homework include:

- Completing a task from the day's class.
- Practising new skills or reinforcing new content learnt during the day.
- Completing assignment work.
- Preparing for an assessment.

If there is no set task students are encouraged to review and revise completed units of work or spend time on personal reading. Latest research shows that these activities are essential for committing knowledge to long term memory and building vital literacy skills.

Technology in the classroom

The use of computers is necessary for all students at Nelson College. Students are required to have access to their own device at school. It is recommended that students bring devices to school each day for use in classes and to enable a smooth transition between school and home learning.

Whilst there are a number of devices available to students, students are strongly encouraged to bring their own device (BYOD), this enables the use of devices in every class as well as at home. BYOD is embedded into our curriculum where students use devices to access their education in a range of subjects to develop knowledge and skills.

Digital fluency is one of these skills and is a key skill for the 21st century and enables students effectively use technology through productivity tools in the form of apps and programs, as well as develop higher order thinking skills in terms of critical thinking, problem solving and computational thinking (programming).

For more information on BYOD at Nelson College such as device recommendations, where to buy, finance, security and FREE Microsoft Office 365 visit: <https://nelson.school.nz/academic/technology-in-the-classroom/>

Parent Portal Sign In

Sign in to PARENT PORTAL

- Check Contact Details (update if necessary)
- Timetables and Attendance
- NCEA entries and results
- Reports
- Financial information
- Course Selection (Term 3)

Usernames and passwords will be sent at the start of the year for new students.

Provisional report and exam practice timeline

	Year 9 & 10	Year 11	Year 12	Year 13
Term 1	Week 5	Progress report/interview invitation		
	Week 8	Interviews		
Term 2	Mid-June	Week 6 Senior reports		
	Week 10	Junior reports		
Term 3	Week 3	Interviews		
	Week 6	Exam practice		
	Week 10	Reports – full year		
Term 4	Weeks 4-7	External exams		
	Week 9	Reports – full year		



The Junior Curriculum

Years 9 & 10



2023 YEAR 9 COURSE OF STUDY

A broad balanced course, which is largely compulsory in structure to ensure a comprehensive introduction to the first year of secondary education and national curriculum requirements.

COMPULSORY		OPTIONS
Full Year Courses	Hrs	Half Year Options (3 hours/week)
		Select ONE option
English OR ESOL	4	Art Design
Mathematics	4	Drama Performance
Science	4	Japanese
Social Studies	4	Music Performance
Physical Education / Health	3	Te Reo Māori
Skills through Technology	3	
Half Year Course		
Arts Combo (Music, Art, Drama)	3	

GUIDANCE NOTES

- **Arts Combo** is a combined approach to the study of the Arts requirement of the National Curriculum where students will study a core course of six weeks in each Arts discipline.
- **The Physical Education/Health Education** combination enables the PE Department to use creative timetabling to establish the best possible programme.
- **Skills through Technology** provides students with a core course of four skills-based modules – Graphics, Design (Wood & Metal) Technology, Digital Technology through which to experience the application of technology in society.
- **Future Focus & Problem Solving** is an extension of the Social Science programme offered to the enrichment class and selected students.

YEAR 9 COMPULSORY COURSES – FULL YEAR COURSES

ENGLISH

Course Description

This course develops skills in written, oral and visual language through the study of novels and nonfiction, short stories, poems, film, drama and media.

Specific areas include:

Reading: The course encourages and supports personal reading across a range of texts through regular engagement with the school library, individual and whole class text study and personal reading tasks.

Formal Writing: A focus on building the skills to produce convincing and technically accurate paragraphs, instructions and explanations. Learners are introduced to essays or supported to extend their essay skills.

Creative Writing: Learners explore and develop skills for personal, descriptive, and a range of narrative writing forms.

Oral & Visual: Presenting skills are developed through a range of activities. Reading oral and visual texts are explored in a variety of forms including designing and developing digital texts fit for audience and purpose, speeches, monologues, posters, graphic novels and radio.

Information Literacy: Understanding the basic processes of research with a focus on reliability of sources. Teacher in Charge: A. Reeves

ESOL

Course Description

Junior ESOL is a combined class which caters to both Year 9 and Year 10 language students. It is now a comprehensive program for students who are placed from upper Stage 1 to Stage 3 of the English Language Learning Progressions. This is a rigorous program of study focused on a range of literary and cultural perspectives. Students have two opportunities during the year to complete summative assessments for each of the course objectives:

Criterion A: Listening, B: Reading, C: Speaking, D: Writing

Teacher in Charge: E. Gillyon

ESOL IMMERSION

Course Description

The Junior Immersion course offers up to 12 hours of English language support for junior students who have entered the college with little or no English. Language acquisition is supported through the exploration of different topics and language skills. A team of teachers pitch these lessons in a carefully scaffolded manner, striving to cater to specific student needs. Students will access concepts and language from core areas of the New Zealand curriculum such as Maths, Science and English. They are also provided with units of work and projects which allow them to explore media, film, music, poetry and art.

Teacher in Charge: E. Gillyon

MATHEMATICS

Course Description

The first year of a two year course that explores number, algebra, measurement, geometry, and probability concepts. Students will encounter these concepts within a range of meaningful and rich contexts. The emphasis at Year 9 is on developing a deep understanding of number and considering how that can be extended into algebra. Students will learn to think logically, develop number strategies and solve problems.

Teacher in Charge: A. Crisp

PHYSICAL EDUCATION / HEALTH

Physical Education aims to provide learning experiences for all students in a wide range of fundamental physical activities at Year 9. There is a strong focus on the 4 strands of the Health and Physical Education Curriculum: personal health and development, self management, movement concepts and motor skills, relationships with other people, and healthy communities and environments. This is the first of a 2 year junior physical education programme aimed at Levels 4 and 5 of the Physical Education Curriculum.

The course also caters for students who are looking to develop their skills and talents towards our Nelson College Sports Athletic Development Programs (ADP's) in the following school year.

Teacher in Charge: J. Brown

Health aims to provide students with the necessary skills, knowledge and attitudes to make informed decisions that will contribute positively to their personal well-being, the well-being of other people and that of society as a whole.

Students will look at how the 4 areas of wellbeing: physical, mental/emotional, social and spiritual can be impacted and maintained.

This course is aimed at developing skills necessary for a healthy lifestyle. Emphasis will be on: drugs and alcohol, nutrition, mental health, healthy relationships and interpersonal skills and positive sexuality.

Teacher in Charge: M. Anderson

SCIENCE

Course Description

Science is a way of thinking and communicating knowledge about the world and the wider universe. Science is able to inform problem solving and decision making in many areas of life.

Junior Science develops an understanding of relationships in the natural, physical world and the skills to explain how and why things happen. This includes gathering and interpreting data, using and critiquing evidence, and the use of models to represent data to engage with science in everyday life.

Year 9 Science will assist students to carry out investigations, present and interpret data, and identify patterns and trends related to biological, chemical and physical processes. A variety of contexts from everyday life are used to encourage all students to become scientifically literate problem-solvers. Contexts and topics may include space exploration, electromagnetic radiation, chemical reactions, botany, energy transformations, biodiversity and scientific controversies.

Teacher in Charge: D. Stuart

SOCIAL STUDIES

Course Description

This course develops essential skills needed to be an active citizen in New Zealand and to succeed in NCEA. Skills include reading and writing, research and communication, critical thinking, group work and leadership. Students will develop these skills by learning about the following themes of work:

Identity – Family, school and NZ history, culture and identity

Critical thinking – problem solving, analysing current issues

Government – different types of governments including democracy and dictatorship

Migration - why people move either by choice or without choice and the consequences of this.

Teacher in Charge: D. van der Velden

SKILLS THROUGH TECHNOLOGY

Course Description

This course provides a broad skills-based experience of the application of technology in society. Students will learn skills and processes which will be applied to developing creative solutions to technological problems in a practical situation.

Students will study four core modules: Graphics, Design (Metal & Wood) Technology and Digital Technology.

Teacher in Charge: K. Cleary

FUTURE FOCUS & PROBLEM SOLVING

Prerequisite: Year 9 Enrichment class and selected students

Course Description

Future Focus & Problem Solving is an extension programme. Students examine and problem-solve based on emergent real-life future scenarios, the intersection of cutting-edge social, technological, economic/commercial philosophical, political and environmental issues. The programme develops and strengthens creative problem solving, analytical thinking, teamwork, research skills, and communication skills; plus, it develops a problem solving and resilience approach to 21st century challenges and opportunities.

Teacher in Charge: R. Brudvik-Lindner

ARTS COMBO

Course Description

ART

6 week module

This is a basic taster course for the Visual Arts. Students are given the experience of traditional and contemporary painting, drawing, printmaking and sculpture.

Contact : D. Kelly

DRAMA

6 week module

This is a fun course that introduces students to the fundamental elements of drama while teaching basic skills. Students will develop their creativity and presentation skills in group settings. Looks at stage combat, Melodrama and Improvisation – to name a few!

Contact: D. Moran

MUSICAL AWARENESS

6 week module

This introductory music course involves:

- Gaining an understanding of music and its place in our world
- Learning basic skills on instruments - guitars/keyboards (extending those with prior knowledge)
- Concentrated listening (elements of music)
- Reading basic notation / guitar tab
- Creating original music

An introduction to music technology

Contact: A. Yorkstone

YEAR 9 OPTION SUBJECTS - HALF YEAR COURSES

ART DESIGN

Course Description

This is a foundation course introducing graphic design, visual communication and the language of design used in advertising, publishing and the promotions industry. Students will engage in a wide range of activities including conceptual thinking and developing digital outcomes using Adobe Software. This course is strongly linked with the new Digital Technologies.

Teacher in Charge: D. Kelly

DRAMA PERFORMANCE

Course Description

This is a practical course focused on the essential speaking and movement skills associated with drama. The elements and techniques of Drama are taught so students can gain confidence in problem solving, group process and public speaking. Students work on short scripts to develop performance skills and are taught the process of creating their own scenes around important themes, relevant to them. The elements, techniques and conventions which students will learn are linked to the NCEA senior Drama curriculum which is a literacy based subject..

Teacher in Charge: D. Moran

JAPANESE

Course Description

This course is for students wishing to explore an interest in Japanese language and culture. The course will be structured to meet the needs of both beginners and those with some prior language experience.

Topics covered include:

- Self-introductions, including basic greetings and terms of respect
- Numbers, dates, animal zodiac, ages, some basic family information
- Hobbies and spare time, likes and dislikes
- Hiragana alphabet

Teacher in Charge: F. Keyanonda

MUSIC PERFORMANCE

Course Description

Students selecting this course must have lessons on an instrument through the college or privately.

This course will meet the needs of both beginners and those with prior music learning as students will gain skills to take them forward as musicians on their chosen instrument. They will create original music using a variety of technologies to express their imaginative ideas. Students will gain greater awareness of the importance of written notation and a deeper understanding of the importance of music in our lives through study of a major work.

Topics covered include: Performance on an instrument; identifying symbols of music/guitar tab; discussion and analysis of music by recognised artists; concentrated listening (aural skills); creating own music and writing this down in some form.

Teacher in Charge: A. Yorkstone

TE REO MĀORI

Course Description

This course is for students wanting to learn Te Reo Māori.

We cover Levels 1 –3 of the curriculum.

Topics covered include:

- My family and home
- Leisure
- School
- Anatomy

Recommended Prior Learning: Some prior knowledge is a bonus but not expected.

Teacher in Charge: W. Hippolite

2023 YEAR 10 COURSE OF STUDY

This programme has a broad and balanced compulsory core and allows students flexibility in the option section to taste possible senior courses through either half or full year courses.

COMPULSORY				
Full year Courses		Hours/week		
English or ESOL		4		
Mathematics		4		
Science		3		
Social Studies		3		
Physical Education/ Health		3		
OPTIONS (4 hours/week)				
Choose the equivalent of four half year options from the categories below. **A maximum of <u>two choices</u> from any one category.				
Technology	Languages	The Arts	Social/Sciences	Sport
Computer Digital Technologies	Japanese <i>Half or full year</i>	Art	Accounting/ Business	Rugby Athlete Development program <i>Half or full year</i>
Design Technology Wood <u>or</u> Metal	Te Reo Māori <i>Half or full year</i>	Art Design and Photography	Economics	Athlete Development Program
Food Studies		Drama	Future Focus & Problem Solving	
Graphics <i>Half or full year</i>		Music Performance	History/Classics	
Technology			Investigative Science	

GUIDANCE NOTES

- **Design Wood or Metal** only one can be chosen, NOT BOTH
- **Graphic** is a **HALF** year or **FULL** year option
- **Languages** are **HALF** year or **FULL** year options.
- **FULL** year courses count as **TWO** options
- **Rugby Athlete or Athlete Development program** only one program can be chosen, NOT BOTH

** Permission to enrol for more than two options in one line requires the Deans permission.

YEAR 10 COMPULSORY COURSES – FULL YEAR COURSES

ENGLISH

Course Description

This course develops skills in written, oral and visual language through the study of novels and nonfiction, short stories, poems, film, drama and media.

Specific areas include:

Reading: Building on Year 9 content. Encouraging and supporting personal reading across a range of texts through regular engagement with the school library, individual and whole class text study and personal reading tasks.

Writing: Building on Year 9 content with a focus on student self reflection and assessment to improve style, structure and ideas.

Oral and Visual: Building viewing and presenting skills through designing and developing presentations and fostering an increasing awareness of the form and function of a variety of texts such as film, media, static images, speeches and debates.

Teacher in Charge: A Reeves

ESOL

Course Description

Junior ESOL is a combined class which caters to both Year 9 and Year 10 language students. It is now a comprehensive program for students who are placed from upper Stage 1 to Stage 3 of the English Language Learning Progressions. This is a rigorous program of study focused on a range of literary and cultural perspectives. Students have two opportunities during the year to complete summative assessments for each of the course objectives:

Criterion A: Listening, B: Reading, C: Speaking, D: Writing

Teacher in Charge: E. Gillyon

ESOL IMMERSION

Course Description

The Junior Immersion course offers up to 12 hours of English language support for junior students who have entered the college with little or no English. Language acquisition is supported through the exploration of different topics and language skills. A team of teachers pitch these lessons in a carefully scaffolded manner, striving to cater to specific student needs. Students will access concepts and language from core areas of the New Zealand curriculum such as Maths, Science and English. They are also provided with units of work and projects which allow them to explore media, film, music, poetry and art.

Teacher in Charge: E. Gillyon

MATHEMATICS

Course Description

The second year of a two year course. At Year 10 the emphasis moves to exploring geometry, statistics, algebra and measurement concepts. Students will encounter these concepts within a range of meaningful and rich contexts. They will explore geometry – shapes, angles and an introduction to right angled triangle concepts. Statistics will provide an opportunity to consider the role that data plays in our lives. The mathematics of relationships will be considered through the concepts of algebra and graphs.

Teacher in Charge: A. Crisp

PHYSICAL EDUCATION / HEALTH

Year 10 Physical Education builds on the learning experiences of the Year 9 course with continued emphasis on participation in a range of physical activities focusing on team sports.

The four key strands from the Health and Physical Education Curriculum are explored, with an emphasis on sports education and social responsibility in team situations. This course leads on to Year 11, Year 12 and Year 13 Physical Education looking at anatomy, bio mechanics of movement in sport and sports leadership and coach models.

Teacher in Charge: J. Brown

Year 10 Health Education aims to provide students with the necessary skills, knowledge and attitudes to make informed decisions that will contribute positively to their personal well-being, the well-being of other people and that of society as a whole.

Students will look at how the 4 areas of wellbeing: physical, mental/emotional, social and spiritual can be impacted and maintained.

Topics covered reflect a follow on the year 9 Health and include: drugs and alcohol, nutrition, mental health, healthy relationships and positive sexuality.

Teacher in Charge: M. Anderson

SCIENCE

Course Description

Science is a way of thinking and communicating knowledge about the world around us and the wider universe.

Year 10 Science continues to develop the skills that were introduced in Year 9 that foster curiosity and an understanding of relationships in the natural, physical world. The focus is on students appreciating that science is a way of explaining the world and that science knowledge is based on evidence and logical argument. Students continue to develop awareness of working scientifically by carrying out investigations, developing and using models, and identifying patterns and trends related to biological, chemical and physical processes. A variety of contexts from everyday life are used to encourage all students to become scientifically literate problem-solvers.

Student learning will be achieved via practical experiments, individual and group research and hands-on activities. Topics may explore Geology, Body Systems, Chemistry, Biochemistry, Reproduction and Electricity. Contexts may include pandemics, caving, survival, telecommunication, freshwater ecology, electric vehicles, navigation, mountain biking and sport science.

Teacher in Charge: D. Stuart

SOCIAL STUDIES

Course Description

This course continues to develop the skills that have been introduced in Year 9. These are reading and writing, research and communication, critical thinking, group work and leadership. Students will develop these skills by learning about the following themes of work:

Leadership - values and society, world leaders

Future Decisions – careers, goal setting and financial literacy

Human Rights – may include USA, South Africa, Australia, NZ

Sustainability – environmental issues, their impact on society and possible solutions

Teacher in Charge: D. van der Velden

YEAR 10 OPTION COURSES – HALF OR FULL YEAR COURSES

ACCOUNTING/BUSINESS

Half year

Course Description

This course provides an introduction to Accounting and Business Enterprise. Students will learn how business enterprise operates. The course promotes financial literacy and an enterprise culture through operating a small business for profit. Students develop skills including: teamwork, problem solving, managing resources, basic accounting, adding value, running a business.

Teacher in Charge: S. Mardon

ART

Half year

Course Description

This course is designed to develop and extend students' ability and interest in a variety of visual art activities including drawing, painting, printmaking and sculpture. Both traditional and contemporary approaches will be explored.

Teacher in Charge: J Clifton

ART DESIGN AND PHOTOGRAPHY

Half year

Course Description

Students will explore a wide range of activities that include conceptual thinking, the design process, developing digital outcomes, and photography skills using digital cameras. The Adobe Creative Suite will be available for all student in this course.

Teacher in Charge: D. Kelly

COMPUTER DIGITAL TECHNOLOGIES

Half year

Course Description

In this course students will build on the Digital Technology skills introduced in the Year 9 course. They will explore problem solving using a range of skills and software. Students will have the chance to create animation using Adobe Animate, design websites using HTML and investigate 3D modelling using Blender.

Teacher in Charge: H. Allan

DESIGN TECHNOLOGY - METAL

Half year

Course Description

This course involves the development of skills with hand and machine tools to produce practical project work that has a design input. Students will learn to operate effectively with metal and a range of alternative materials.

Teacher in Charge: C. Botes

DESIGN TECHNOLOGY - WOOD

Half year

Course Description

This course involves the development of skills in hand and machine tools to produce practical wood work projects that have a design input. Students will learn to operate effectively with wood and a range of alternative materials.

Teacher in Charge: C. Botes

DRAMA

Half year

Course Description

This year 10 course is a continuation of building the elements, techniques and conventions of Drama. The skills learnt are taught through the historical focus of Greek mask and Melodrama theatre form. Further creativity is developed through devising and building on improvisations skills. The Drama technologies are introduced to develop students skills in lighting, sound and theatre design. These aspects are linked to the NCEA senior Drama curriculum which is a literacy based subject.

Teacher in Charge: D. Moran

ECONOMICS

Half year

Course Description

This course looks at how Economics relates to students and their families in a New Zealand context through individual and household choice, demand and spending patterns with a specific emphasis on saving and investment. Students will also compare New Zealand's economy with economies from not only around the world but throughout history to give them a greater breadth of understanding in economic concepts.

Teacher in Charge: N. Withers

FOOD STUDIES

Half year

Course Description

In this course students will develop their knowledge and practical skills in food planning and preparation, creative thinking, team work and the ability to manage resources. Students will gain an appreciation of the skills required to enter the food and hospitality industry plus gain an understanding of the procedures involved in the production of food at home.

Teacher in Charge: Q. Gately

FUTURE FOCUS & PROBLEM SOLVING

Half year

Course Description

Future Focus & Problem Solving is an extension programme. Students examine and problem-solve based on emergent real-life future scenarios - the intersection of cutting-edge social, technological, economic/commercial philosophical, political and environmental issues. The programme develops and strengthens creative problem solving, analytical thinking, teamwork, research skills, and communication skills; plus, it develops a problem solving and resilience approach to 21st century challenges and opportunities.

Teacher in Charge: R. Brudvik-Lindner

GRAPHICS

Half year or Full year

Course Description

Graphics will enable students to communicate design ideas in a range of media, establish the basic skills of drawing, reading plans and problem solving in the areas of architectural design, Product design, technological, environmental and media design. It includes model making. For students to gain access to a range of experiences, it is advisable for students to take the full year course. Areas of study will differ in each course.

Teacher in Charge: D. Moon

HISTORY/CLASSICS**Half year****Course Description**

This course involves one term each of History and Classics.

History explores important events in our past and their relation to our modern world. In Year 10 the focus is on a general overview of world history from the Dark Ages into the twentieth century.

Classics explores ancient civilization and its connection to our modern world. Year 10 students are introduced to Classical Rome and Greece and their legacy today.

Contact: S Powrie and S. Roxburgh

INVESTIGATIVE SCIENCE**Half year****Course Description**

This is an optional course for students that have a keen interest in practical, hands-on science. The course will build scientific skills in a range of scenarios. Students will improve their practical, investigative and reporting skills, as well as develop an insight into what scientists actually do in the field and laboratory. Students may be engaged in topics such as rocketry, mouse-trap cars, combustion, microscopy, chemical reactions, and marine biology.

Sitting alongside the compulsory Year 10 general science course, this option will provide students with an excellent knowledge base for Year 11 NCEA sciences.

Teacher in Charge: J. Fraser

JAPANESE**Half year or Full year****Course Description**

For students who are interested in learning more about Japanese. Language topics and skills are integrated with cultural studies. The course builds on the introductory course of Year 9 and extends listening, speaking, reading and writing skills. Hiragana will be mastered, if not already, and the Katakana alphabet will be taught during the course.

Topics covered include:

- school life for students
- family and home life
- the body clothing, sports, describing people
- Katakana alphabet
- food and drink, ordering in a restaurant, cooking, and eating with chopsticks

Students taking the half year option must take in the first half of the year.

Teacher in Charge: F. Keyanonda

Recommended Prior Learning: Year 9 Japanese or equivalent.

MUSIC PERFORMANCE**Half year****Course Description**

Students selecting this course must be taking lessons on an instrument either through the college or privately. This course will be structured to meet the needs of both beginners and those with prior music learning. Topics covered include: Performance as a soloist or in a group; identifying symbols of music/guitar tab; discussion and analysis of music by recognised artists; concentrated listening (aural skills); creating own music and writing this down in some form.

Extension students may be accepted into Level 1 Music at the discretion of the TIC of Music and if the timetable allows.

Teacher in Charge: J D'ath

RUGBY ATHLETE DEVELOPMENT PROGRAM**Half year or Full year****Course Description**

Half Year - This course is available to ALL boys playing rugby for Nelson College teams.

The course will focus on the six pillars of rugby development: Physical, Technical, Tactical, Mental, Nutrition, Holistic Development.

Full Year - Students who take this course would be identified as our top rugby players in the College. They will be our potential 1st XV players and work with the Nelson College 1st XV coaches and trainer to achieve to their potential. Course content includes learning about the technical and tactical skills of rugby, strength and conditioning, video analysis and skill development.

Master in Charge: M. Cochrane

Selected entry by application.

ATHLETE DEVELOPMENT PROGRAM **Half year****Course Description**

Cricket, Basketball, Football, Hockey, Mountain Biking, Volleyball

Students who take these courses are expected to be accomplished sportsmen in one of these codes. They may have already have been identified as experienced athletes/riders and would have the potential to become future Nelson College Senior participants or top individual sportsmen. The course involves many of the important factors about succeeding in their chosen sport: technical and tactical awareness, nutritional information, sports psychology, coaching and leadership potential, video analysis and the fitness requirements and technical abilities of the sport.

25% of periods – generic sport science sessions/ plus endorsed coaching/leadership qualifications

75% of periods – practical small group skills sessions with resource coaches specific to the boy's needs.

This course leads onto Year 11 Physical Education as well as towards Year 12 and 13 Physical Education where there is a pathway for athletes to follow their individual sporting code of choice through NC co-curricular teams. These courses are available dependent on sufficient numbers of students enrolled in the course.

Teacher in Charge: R. Anderson

Selected entry by application

TECHNOLOGY**Half year****Course Description**

Students will build on the technical skills and terms they gained in the Year 9 compulsory programme. They will use practical skills to create purposeful outcomes following a design process. Knowledge of how to manipulate materials from students' ideas is balanced with the constraints of functional structures and mechanisms.

Teacher in Charge: D. Moon

TE REO MĀORI**Half year or Full year****Course Description**

This course builds on the introductory course of Year 9 and extends students' listening, speaking, reading and writing skills. Language topics and skills are integrated with cultural studies. The process of language learning will enhance the students' understanding and appreciation of other cultures.

The full year course counts as two of your four half year options.

Teacher in Charge: W. Hippolite

Recommended Prior Learning: Year 9 Te Reo Māori or equivalent.



The Senior Curriculum

Years 11, 12 & 13



Senior School Courses

The number of compulsory courses required is fewer in Years 11, 12 and 13. Personal strengths, more idea of future directions and course counselling will help students to plan their options carefully and build up a meaningful and personalised academic and vocational pathway.

Students of any year group may undertake courses from different levels, depending on their individual needs.

Level 1 – Course of study

Compulsory Studies

Level 1 English, Mathematics and a Science subject (each 4 hours/week all year).

Optional Studies

Three full year Level 1 courses.

Guidance Notes

- The Curriculum Overview Chart on pages 4 & 5 lists your option choices. Note that English, Maths and Science have more than one Level 1 course offered. **Seek guidance as to the courses best suited to you.**
- Students are reminded that a well balanced, broad choice of subjects is recommended at Year 11. Do not narrow your range of choices too early.
- Entry requirements and course costs will be stated if applicable.

Level 2 – Course of study

Compulsory studies

English (4 hours/week all year)

Optional Studies

Five full year courses. Selected courses can be at Level 1 or Level 2 provided the stated pre-requisites have been completed.

Guidance Notes

- The Curriculum Overview Chart on pages 4 & 5 lists your option choices.
- Students should consider what subjects they may study in Level 3 in order to enroll for the appropriate pre-requisite subjects in Level 2.
- Students intending to study at university should also consider which courses in Years 12 or 13 will enable them to gain the 10 credits required for UE literacy.
- Entry requirements and course costs will be stated if applicable.

Level 3 – Course of study

There are no compulsory studies.

Optional Studies

Five full year courses.

Guidance Notes

You may choose from any Level 3, Level 2 or Level 1 course on the Curriculum Overview Charts (pages 4 & 5) provided the appropriate pre-requisites have been completed.

Permission to select a minimum of four courses requires Headmaster approval.

University Entrance

UE requires

- Level 3 NCEA.
- 14 credits from three approved subjects.
- Numeracy requirements: A minimum of 10 credits at Level 1 or above in specified numeracy Achievement Standards.
- Literacy requirements: A minimum of 10 credits at Level 2 or above from specified literacy Achievement Standards - 5 credits in reading and 5 credits in writing.

Approved subjects offered at Nelson College

Accounting	Geography
Biology	Health
Business Studies	History
Chemistry	Japanese
Classical Studies	Mathematics
Dance	Calculus
Design (Practical Art)	Statistics
Design Visual	Media Studies
Communication (Graphics)	Music Studies
Digital Technologies (Computing)	Painting (Practical Art)
Drama	Photography (Practical Art)
Earth Space Science	Physical Education
Economics	Physics
English	Technology
	Te Reo Māori

Literacy and Numeracy

Levels 1, 2 and 3 require achievement of 10 credits in specified literacy and 10 credits in specified numeracy standards.

University Entrance requires achievement of 5 reading credits and 5 writing credits in specified achievement standards.

The subjects and standards which contribute to literacy and numeracy are indicated in the Course Descriptors from page 20.

Te Kura Subjects (correspondence)

Nelson College can register domestic students that meet the entry criteria with Te Kura for government-funded dual tuition. Te Kura offer a wide range of learning programs and courses, mostly delivered online, from early childhood to NCEA Level 3.

Talk to either your year level dean or the Te Kura Co-ordinator to find out more details.

Qualifications in the Senior School

The National Certificate of Education Achievement

How does NCEA Work?

To complete an NCEA certificate students must earn credits. They gain credits by meeting standards in their chosen subject areas. Some standards will be assessed by the external exams, others will be assessed by internal assessment.

NCEA allows students to work towards a national qualification at the pace that suits them best.

NCEA recognises achievement in a wide range of studies. It means schools can offer a broader range of subjects and students can get credits from standards developed by industry.

Achievement/Unit standards make clear to teachers, students and parents the standard of skills and knowledge necessary to earn credit. These standards encourage high expectations.

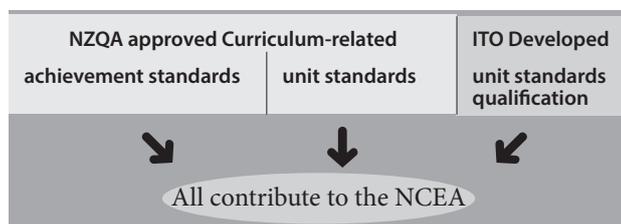
NCEA is academically stretching. Achievement standards have been designed so that satisfactory work, good work and truly excellent achievement can be recognised with Achieved, Merit and Excellence grades.

Students will be told how well they have performed in each part of each subject with grades for both externally examined components and internally assessed work.

NCEA links well to learning options beyond school. School-leavers are able to complete or build on their NCEA at polytechnics, universities and other accredited private training establishments.

NCEA results are recognised by employers throughout New Zealand and overseas. NCEA is used for entrance and selection purposes for tertiary courses.

Exam results contribute credits to the NCEA qualification, as do results from internal assessment. This combination of external exams and internal assessment leads to more accurate and fairer reporting of a student's strengths.



National Certificate of Educational Achievement

Level One Certificate

Students need to gain 80 credits at Level One.

Of those 80 credits, students will need to have gained 10 credits in specified literacy achievement standards or literacy unit standards and 10 credits in specified numeracy achievement standards or numeracy unit standards.

Level Two Certificate

Students need to gain 80 credits.

Of those 80 credits, 60 must be at Level Two (students may use 20 credits from their Level One certificate to fulfil the requirement for Level Two). Students must also meet the Level One literacy and numeracy requirements.

Level Three Certificate

Students need to gain 80 credits.

Of those 80 credits, 60 must be at Level Three (students may use 20 credits from their Level Two certificate to fulfil the requirement for Level Three). Students must also meet the Level One literacy and numeracy requirements.

2 NCEA Certificate Endorsement

NCEA Certificates at all levels can be endorsed with Merit and Excellence.

To qualify for an endorsement with Excellence, students require 50 credits at Excellence. An endorsement with Merit requires 50 credits at Merit and above.

An endorsed certificate can be gained over more than one year.

3 Subject Endorsement

Students can gain Merit or Excellence endorsement in single subjects by gaining:

- 14 credits at Merit or above for a Merit endorsement
- 14 credits at Excellence for an Excellence endorsement
- A minimum of 3 credits must be from internally assessed standards and a minimum of 3 credits must be from externally assessed standards

The Curriculum Overview Chart shows which subjects are endorseable (refer to pages 4 & 5)

4 University Entrance

Refer to details on page 16.

5 NZQA Scholarship

Scholarship exams are the highest academic level of assessment in NCEA. Students may enter one or a number of scholarship exams in their Level 3 subjects. Extra study and tutorials are required to succeed at this level. Top scholars gain financial awards for success.

Subject specific, trades and vocational qualifications

Students can work towards a number of subject specific qualifications at Nelson College within and beyond their study towards NCEA. These include, but are not limited to: ITO (Industry Training Organisation) qualifications, apprenticeships, vocational pathways, national and New Zealand certificates. These qualifications can be useful to students who want to demonstrate they have attained specific skills to potential employers or who have a specific career path in mind.

ITO/ pre-apprenticeship qualifications

Nelson College offers standards and qualifications provided by a range of Industry Training Organisations including:

- BCITO (Building and Construction)
- Competenz (Technical Trades, Engineering)
- Lincoln University
- MITO (Motor Vehicle Industry Training Organisation)
- NMIT (Nelson Marlborough Institute of Technology)
- PRO+MED (Health and Safety)
- Service IQ (Hospitality, Travel and Tourism)
- Skills Active (Recreation, Sport and Fitness)
- Triple One Care (First Aid)
- Waikato Institute of Sport
- Whenua Iti (Outdoors)

National Certificates

National Certificates are available in specific subject areas and provide an entry level qualification for students. National Certificates can lead to tertiary study towards certificates or diplomas. Some National Certificates are being phased out but the following are current at the time of publication.

Students at Nelson College can work towards the following National Certificates:

- Level 2 Computing User Fundamentals

Vocational Pathways

What are Vocational Pathways?

The Vocational Pathways align standards with six industries and help students see how their learning and achievement is valued in the 'real world'.

Vocational Pathways

- Construction & Infrastructure
- Manufacturing & Technology
- Primary Industries
- Service Industries
- Social & Community Service
- Creative Industries

How to Achieve a Vocational Pathways Award

To achieve a Level 2 Vocational Pathway Award students need to:

- Achieve NCEA Level 2
- Meet the NCEA Literacy and Numeracy requirements (10 Numeracy/10 Literacy)
- Achieve 60 Level 2 credits from 'recommended' standards
- A minimum of 20 credits out of the 60 need to be from Sector Related Standards

NCEA Level 2 (or equivalent) is the minimum qualification that students need to achieve to show that they are ready to enter and progress to further study, training or work.

Achieving NCEA level 2 with Vocational pathways show students have:

- Achieved the required number of credits to achieve NCEA level 2
- Achieved the required industry related credits that align with a particular industry.
- A broad understanding of industry
- An interest or skills that relate to a particular industry

Students can use the Vocational Pathways to plan their studies, and there are many options. By mapping their pathway, students will be able to make an informed decision about their future and identify where their interests can take them.

A student's Vocational Profile, found on their Record of Achievement, shows how their NCEA credits are mapped to Vocational Pathways. The Profile Builder is a clever tool that helps students to explore their study options and plan their programme.

Students can check out their Vocational Profile at www.nzqa.govt.nz/login/ or at www.youthguarantee.net.nz/vocational-pathways/ or see Vikki Heays for more information.

Student and Parent Guide to NCEA Levels 1-3

Course Statement and Assessment Plan

Students will be given a course statement and an assessment plan for each subject at the beginning of the year telling them the achievement or unit standards in the course, details of resubmission procedures and further assessment opportunities, a calendar of internal assessments and assessments leading to external assessments (eg portfolios, practice exams and tests). They must read this information carefully as not all standards will have a further assessment opportunity. Students will be given at least TWO WEEKS notice of the exact date of an assessment. This could be an assignment deadline or a checkpoint date for a project, or a test.

Course completion

When students enter a course they are expected to attend all classes and participate fully in all activities. This includes completion of all tasks assigned by the teacher during the course. Students will gain a grade for every internally assessed standard in a course they have entered (except where standards are optional as set out in a course guide).

Moderation of internally assessed work

Subject departments have systems of internal moderation to ensure assessment work is marked fairly and to the national standard. Samples of marked assessment are also sent away to National Moderators in each subject.

Missed assessments and extensions of time

Students must make sure they understand the conditions of the assessment (for example, whether assessment work can be taken home and/or whether they can work with other students) and the deadlines that apply to each assessment. Late work for assessment will not be accepted except for the reasons outlined below. All work must be handed in on the due date and all tests and in-class assessments must be completed on the given date.

If students cannot hand in an assessment on time or complete an in-class test or practical activity on the day, they must fill in a 'Missed Assessment/Extension Application' form (available from the Student Office as soon as they know they will be late with an assignment or will be absent; or as soon as they return to school, and give it to their subject teacher.

Valid reasons for requesting an extension of time, or a new assessment date include:

- Sickness: supply a medical certificate
- Family or personal trauma: supply a signed note from Guidance Counsellor or Dean
- School sponsored activity: Sporting, Cultural, Academic or similar.

In all cases, it is the students responsibility to fill in a 'Missed Assessment/Extension Application' form and give it to the teacher whose assessment has been missed/ will be missed.

Note that a request for an extension of time must be made BEFORE the due date for a planned absence, such as a sports trip. Furthermore 'Self-interest Leave' including personal time off and family holidays during term time are not acceptable reasons for an extension or reassessment.

If a student has been given an adequate opportunity for assessment but misses it or does not hand work in without a valid reason (as above) a Not Achieved grade will be reported to NZQA.

Breaches of rules/Authenticity

All work submitted for assessment must be a student's own original and independent work. Students will be required to sign a statement to affirm that work handed in has been completed by them. They must not accept undue assistance from anyone else (eg. other students (past or present), caregivers, teachers or tutors) when completing assessments.

Students will be required to reference their work and acknowledge any sources consulted. Plagiarism or copying from people (eg. students) or sources (eg. books or websites) is not acceptable in NCEA.

Students will be penalised and/or have their grade withdrawn if there is evidence that any breach of assessment rules has occurred, including inappropriately helping or hindering other students.

The course teacher will consult with the HOF and Principal's Nominee and any suspected incident will be investigated. Where cheating or other misconduct or dishonest practice is found to have occurred in an internally assessed standard, a student may be awarded a Not Achieved grade for the standard. Other penalties may be imposed by the Principal's Nominee or the Senior Leadership Team.

Appeals - internal assessments

The appeal process can be used if a student disagrees with any decision relating to assessment: a grade awarded, provision of an assessment opportunity or extension of time or an allegation of breach of rules.

Appealing grades awarded: teachers will explain the criteria for each grade for an assessment when it is handed back. If a student thinks the decision is wrong he should discuss the grade with his teacher before appealing his grade.

An appeal must be made within two weeks of the assessment being returned, using the Appeal form available from the Student Office, giving it to the HOF or Principal's Nominee. The Deputy Headmaster (Academics) is the final adjudicator in internal appeal decisions.

Appeals - external assessments

Students can apply for a reconsideration or review of an external grade when they receive their external examination booklets. They can do this by logging onto the NZQA website.

School Exams

These will be held in Term 3 under the same conditions as the end of year exams. Results will be reported to students and parents. Evidence from school exams may be used to determine a derived grade at the end of the year if a student with a valid and documented reason misses their exam or has their performance affected.

Derived Grades

If an external exam is missed for health or compassionate reasons students can apply for a derived grade. See the Principal's Nominee for more information on this process.

Special Assessment Conditions

These are provided for students with identified needs for internal and external assessments as appropriate. Please see the Special Needs Co-ordinator for further information.

Fees

There are no longer fees for NCEA or Scholarship for domestic students.

Results and National Student Number (NSN)

Each student will be given a National Student Number (NSN) which can be used to log into NZQA to check personal details, exam entries, results and Record of Achievement. Students and parent/caregivers can also access assessment via the Parent Portal.

Each term students will be issued with an end of term credit summary and results will also accompany the two sets of progress reports issued throughout the school year. Students will be required to sign to confirm their internal assessment results with their teachers to ensure they are reported accurately.

Further information

- Search the NZQA website: www.nzqa.govt.nz
- Contact the Principals Nominee or the Student Office.

THE ARTS

ART

Level 1

Note: Students may not do both Art and Art Design at Level 1

Course Description

This mainstream art course includes a traditional and contemporary approach to painting, collage, drawing and other media. Students will need to work independently as they work towards workbook assignments and a two-page folio.

Teacher in Charge: D. Kelly

AS		Level	Credit	L1 Lit	UE Lit	Num
90914	Use drawing methods and skills for recording information using wet and dry media	L1/Int	4			
90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	L1/Ext	12			
91313	Use drawing methods to apply knowledge of conventions appropriate to printmaking	L2/Int	4			

ART DESIGN

Level 1

Note: Students may not do both Art and Art Design at Level 1

Course Description

This course provides a grounding in art and design principles including print and photography. Students will design for a range of creative applications, finishing work using Adobe software. The external submission will be produced on a two-page folio.

Teacher in Charge: D. Kelly

AS		Level	Credit	L1 Lit	UE Lit	Num
90914	Use drawing methods and skills for recording information using wet and dry media	L1/Int	4			
90916	Produce a body of work informed by established practice, which develops ideas, using a range of media	L1/Ext	12			
91313	Use drawing methods to apply knowledge of conventions appropriate to printmaking	L2/Int	4			

ART PHOTOGRAPHY

Level 1

Course Description

This course is an introduction to photography. Students will study the camera, darkroom techniques, history and principles of photography and present photographs as finished works. Students will be required to work independently and have an interest in creative processes.

Teacher in Charge: J Conly

AS		Level	Credit	L1 Lit	UE Lit	Num
90915	Use drawing conventions to develop work in more than one field of practice	L1/Int	6			
90917	Produce a finished work that demonstrates skills appropriate to cultural conventions	L1/Int	4			
91018	Demonstrate knowledge of media and methods used to produce art works	L1/Int	4	Y		
91325	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	L2/Int	4			

DRAMA

Level 1

Course Description

Students will work collaboratively in groups to study scripts and create their own scenes around a concept. Students will enhance their practical knowledge in devised theatre by developing techniques using movement, creativity, characterisation and performance skills. They will develop self-confidence with regards to performing and study the theory of theatre.

Teacher in Charge: D. Moran

AS		Level	Credit	L1 Lit	UE Lit	Num
90997	Devise and perform a drama	L1/Int	5	Y		
90011	Demonstrate understanding of the use of drama aspects within live performance	L1/Ext	4	Y		
90009	Perform an acting role in a scripted production	L1/Int	5	Y		
90006	Apply drama techniques in a dramatic context	L1/Int	4	Y		

MUSIC

Level 1

Recommended Prior Learning: Performance on a musical instrument for two years in a group situation. Entry is at the discretion of the TIC Music.

Course Description

This course consists of solo and group performance, creating music, analysing music, understanding the language of music and aural perception. Students are expected to have knowledge of an instrument at this level. All standards are offered but an individual program can be arranged with the Teacher in Charge of Music.

Teacher in Charge: A. Yorkstone

AS		Level	Credit	L1 Lit	UE Lit	Num
91090	Perform two pieces of music as a featured soloist	L1/Int	6			
91091	Demonstrate ensemble skills through performing a piece of music as a member of a group	L1/Int	4			
91092	Compose two original pieces of music	L1/Int	6			
91093	Demonstrate aural and theoretical skills through transcription	L1/Ext	4			
91094	Demonstrate knowledge of conventions used in music scores	L1/Ext	4	Y		
91095	Demonstrate knowledge of two music works from contrasting contexts	L1/Int	6	Y		

ART DESIGN

Level 2

Recommended Prior Learning: Good computer navigation skills is desirable and the ability to work creatively and independently.

Course Description

In this course students will produce work in a study of contemporary Design practice. This includes drawing and rendering, to graphic design, using Adobe software as the main computer platform. Students will complete a folio that covers a range of projects, developing their creative thinking and problem solving skills.

Teacher in Charge: D. Kelly

AS		Level	Credit	L1 Lit	UE Lit	Num
91310	Use drawing methods to apply knowledge of conventions appropriate to design	L2/Int	4			
91315	Develop ideas in a related series of drawings appropriate to established design practice	L2/Int	4			
91320	Produce a systematic body of work that shows understanding of art making conventions and ideas within design	L2/Ext	12			

ART PAINTING

Level 2

Course Description

This is a fine arts course in Painting. Students will prepare a two-panel folio and develop a wide range of skills while studying both modern and traditional art and art making. Students need to be able to work independently and be interested in the creative process.

Teacher in Charge: D. Kelly

AS		Level	Credit	L1 Lit	UE Lit	Num
91311	Use drawing methods to apply knowledge of conventions appropriate to painting	L2/Int	4			
91316	Develop ideas in a related series of drawings appropriate to established painting practice	L2/Int	4			
91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	L2/Ext	12			

ART PHOTOGRAPHY

Level 2

Course Description

This course covers picture taking, studio work, composition, computer and digital presentation. Students complete a two page folio through the study photography traditions and also modern digital techniques. Adobe software is used to complement traditional photography methods.

Course Equipment: Access to a SLR digital camera would be an advantage.

Teacher in Charge: J. Conly

AS		Level	Credit	L1 Lit	UE Lit	Num
91312	Use drawing methods to apply knowledge of conventions appropriate to photography	L2/Int	4			
91317	Develop ideas in a related series of drawings appropriate to established photography practice	L2/Int	4			
91322	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	L2/Ext	12			

DRAMA

Level 2

Recommended Prior Learning: 12 Level 1 Drama credits but this is not an essential requirement.

Course Description

This course extends students in vocal communication, characterisation, teamwork, confidence and self management skills. There are a number of performance opportunities, where students will work collaboratively in small groups and a major class production. Students will explore different genres of theatre and use these in their application of drama conventions to convey messages and themes in their performance. Students will develop skills in collaboration, creativity, building of confidence, empathy and communication. Studying Drama will benefit careers in law, medicine, project management, event organising, production management and the creative industries.

Teacher in Charge: D. Moran

AS		Level	Credit	L1 Lit	UE Lit	Num
91219	Discuss drama elements, techniques, conventions and technologies within live performance	L2/Ext	4	Y		
91218	Perform a substantial acting role in a scripted production	L2/Int	5	Y	5r	
91214	Devise and perform a drama to realise an intention	L2/Int	5	Y		
91213	Apply drama techniques in a scripted context	L2/Int	4	Y	4r	

MĀORI PERFORMING ARTS

Level 2

Co-requisites: Level 1 Te Reo Māori.

Course Description

This is a mainly practical course which focuses on extending knowledge and skills in the four key areas of Māori performing arts: Haka, Waiata, Poi and Waiata-ā-ringa.

Teacher in Charge: W. Hippolite

US/AS		Level	Credit	L1 Lit	UE Lit	Num
13371	Demonstrate knowledge and skills of haka	L2/Int	6			
13363	Demonstrate knowledge and skills of waiata a-ringa	L2/Int	6			
13359	Demonstrate knowledge and skills of moteatea	L2/Int	6			
91980	Explore elements to create a section of a Te Ao Haka item	L2/Int	6			
91981	Perform a Te Ao Haka item to respond to a local kaupapa	L2/Int	6			
91982	Compare a Te Ao Haka performance and one other performance	L2/Ext	4			
91983	Respond to a Te Ao Haka performance	L2/Ext	4			

MUSIC

Level 2

Recommended Prior Learning: Performance on a musical instrument for three years, in a group situation. Ability to read symbol music. Entry is at the discretion of the TIC of Music.

Course Description

This course consists of solo and group performance, composing music, organising existing music for a group, understanding the language of music and aural perception, as well as investigating a New Zealand music topic. Other standards may be offered but they will be part of an individualised program at the discretion of the TIC of Music.

Teacher in Charge: A. Yorkstone

AS		Level	Credit	L1 Lit	UE Lit	Num
91270	Perform two substantial pieces of music as a featured soloist	L2/Int	6			
91271	Compose two substantial pieces of music	L2/Int	6			
91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	L2/Int	4			
91273	Devise an instrumentation for an ensemble	L2/Int	4			
91276	Demonstrate knowledge of conventions in a range of music scores	L2/Ext	4	Y		
91278	Investigate an aspect of New Zealand music	L2/Int	4	Y		

ART DESIGN

Level 3

Recommended Prior Learning: Students must have completed Level 2 Art Design or Level 2 Art Photography.

Course Description

This course involves a three-page folio and workbook presentation, exploring and developing a thematic and personal individual program. Through the study of existing Design practice and developing skills using Adobe software, students will find this a creative and challenging course.

Teacher in Charge: D. Kelly

AS		Level	Credit	L1 Lit	UE Lit	Num
91445	Use drawing to demonstrate understanding of conventions appropriate to design	L3/Int	4			
91450	Systematically clarify ideas using drawing informed by established design practice	L3/Int	4			
91455	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice	L3/Ext	14			

ART PAINTING

Level 3

Recommended Prior Learning: Level 2 Art Painting is desirable.

Course Description

This course involves the submission of a workbook and three-panel folio which systematically develops an idea through a study of art practice, materials and techniques. Students will have the opportunity to explore a self-directed proposal.

Teacher in Charge: D. Kelly

AS		Level	Credit	L1 Lit	UE Lit	Num
91446	Use drawing to demonstrate understanding of conventions appropriate to painting	L3/Int	4			
91451	Systematically clarify ideas using drawing informed by established painting practice	L3/Int	4			
91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	L3/Ext	14			

ART PHOTOGRAPHY

Level 3

Recommended Prior Learning: Level 2 Art Design or Level 2 Photography is desirable.

Course Description

This course involves a three-page folio and workbook presentation exploring and developing ideas based upon a study of photographic tradition as well as materials and techniques. Students may prepare a folio by using computer software and digital printing or by conventional darkroom techniques.

Course Equipment: Access to a SLR digital camera would be an advantage.

Teacher in Charge: D. Kelly

AS		Level	Credit	L1 Lit	UE Lit	Num
91447	Use drawing to demonstrate understanding of conventions appropriate to photography	L3/Int	4			
91452	Systematically clarify ideas using drawing informed by established photography practice	L3/Int	4			
91457	Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice	L3/Ext	14			

DRAMA

Level 3

Recommended Prior Learning: 12 Level 2 credits in Drama but this is not an essential requirement.

Course Description

This course combines in-depth theoretical theatre studies and performance opportunities. Students will devise, direct and perform in original dramas while developing technical and production skills. There are a number of performance opportunities, where students may opt to work on solo pieces, collaboratively in small groups and a major class production. Students will explore different genres of theatre and use these in their application of drama conventions to convey messages and themes in their performance. Students will develop skills in collaboration, creativity, building of confidence, empathy and communication. Studying Drama will benefit careers in law, medicine, project management, event organisation production management and the creative industries.

Teacher in Charge: d. Moran

AS		Level	Credit	L1 Lit	UE Lit	Num
91518	Demonstrate understanding of live drama performance	L3/Ext	4	Y	4w	
91517	Perform a substantial acting role in a significant production	L3/Int	5	Y	5r	
91513	Devise and perform a drama to realise a concept	L3/Int	5	Y		
91512	Interpret scripted text to integrate drama techniques in performance	L3/Int	4	Y	4r	

MĀORI PERFORMING ARTS

Level 3

Recommended Prior Learning: *Only those who have already studied Level 2 MPA will be assessed at Level 4. Co-requisites: Level 1 Te Reo Māori.

Course Description

This is a mainly practical course which focuses on extending knowledge and skills in the four key areas of Māori performing arts: Haka, Waiata, Poi and Waiata-ā-ringa.

Teacher in Charge: W. Hippolite

US		Level	Credit	L1 Lit	UE Lit	Num
13373	Perform moteatea	L4/Int	10			
13364	Perform waiata a-ringa	L4/Int	10			
13372	Perform haka	L4/Int	12			
91984	Reflect on a personal learning journey in a discipline of Te Ao Haka	L3/Int	5			
91985	Perform three categories within a discipline of Te Ao Haka	L3/Int	5			
91986	Perform two Te Ao Haka disciplines	L3/Ext	5			
91987	Demonstrate understanding of a key role within Te Ao Haka	L3/Ext	5			

MUSIC

Level 3

Recommended Prior Learning: Performance on a musical instrument. Entry is at the discretion of the TIC of Music.

Course Description

This course consists of solo and group performance, composing music including song writing, arranging music, and researching a music topic. Other standards may be offered but they will be part of an individualised program at the discretion of the TIC of Music. Students are expected to be able to work independently to practice, analyse and perfect their work.

Teacher in Charge: A. Yorkstone

AS		Level	Credit	L1 Lit	UE Lit	Num
91416	Perform two programmes of music as a featured soloist	L3/Int	8			
91418	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	L3/Int	4			
91419	Communicate musical intention by composing three original pieces of music	L3/Int	8			
91421	Demonstrate understanding of harmonic and tonal conventions in a range of music scores	L3/Ext	4			
91422	Analyse a substantial music work	L3/Int	4	Y		
91423	Examine the influence of context on a substantial music work	L3/Ext	4	Y	4r,4w	
91424	Create two arrangements for an ensemble	L3/Int	4			
91425	Research a music topic	L3/Int	6	Y	6r	
91849	Compose three original songs that express imaginative thinking	L3/Int	8			

ENGLISH / MEDIA STUDIES

All Year 11 students are required to study English and will be placed in one of the following courses: English Language; English Literature; English Extension; Communication Literacy or ESOL (see languages). Students will be selected on their results and teacher recommendation.

ENGLISH COMMUNICATION LITERACY

Level 1

Course Description

This is a practical English course that will enable students to meet the basic requirement for Level 1 Literacy. *26622, 26624 and 26625, together, meet the Level 1 literacy requirements.

Teacher in Charge: C. Elliott

US		Level	Credit	L1 Lit	UE Lit	Num
26625	Actively participate in spoken interactions	L1/Int	3	Y		
26624	Read texts with understanding	L1/Int	3	Y		
26622	Write to communicate ideas for a purpose and audience	L1/Int	4	Y		
10792	Write formal personal correspondence	L1/Int	3			
3483	Fill in a form	L1/Int	2			
3490	Complete an incident report	L1/Int	2			

ENGLISH LANGUAGE

Level 1

Course Description

A general course comprising Level 1 Achievement Standards sufficient to gain Level 1 Literacy credits and to prepare for Level 2 English courses. All standards are internally assessed.

Teacher in Charge: C. Elliott

AS		Level	Credit	L1 Lit	UE Lit	Num
90857	Construct and deliver an oral text	L1/Int	3	Y		
90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	L1/Int	3	Y		
90853	Use information literacy skills to form conclusion(s)	L1/Int	4	Y		
90053	Produce formal writing	L1/Int	3	Y		
90052	Produce creative writing	L1/Int	3	Y		

ENGLISH LITERATURE

Level 1

Recommended Prior Learning: Satisfactory results in Year 10 English and teacher's recommendation.

Course Description

A general course comprising Level 1 Achievement Standards (both external and internal) sufficient to gain the required Level 1 Literacy credits and to prepare for Level 2 English courses.

Teacher in Charge: C. Elliott

AS		Level	Credit	L1 Lit	UE Lit	Num
90857	Construct and deliver an oral text	L1/Int	3	Y		
90853	Use information literacy skills to form conclusion(s)	L1/Int	4	Y		
90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	L1/Ext	4	Y		
90850	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	L1/Ext	4	Y		
90053	Produce formal writing	L1/Int	3	Y		
90052	Produce creative writing	L1/Int	3	Y		

ENGLISH EXTENSION

Level 1

Recommended Prior Learning: Students will be invited to select this course based on good Year 10 results and teacher's recommendation.

Course Description

An advanced Level 1 English Course designed for students with well-established competencies in reading and writing. Learners will explore a range of literature through a course which is aimed at learners seeking consolidation and extension of their skills and understanding to an enhanced level.

Teacher in Charge: C. Elliott

AS		Level	Credit	L1 Lit	UE Lit	Num
90852	Explain significant connection(s) across texts, using supporting evidence	L1/Int	4	Y		
90851	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	L1/Ext	4	Y		
90850	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	L1/Ext	4	Y		
90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	L1/Ext	4	Y		
90053	Produce formal writing	L1/Int	3	Y		
90052	Produce creative writing	L1/Int	3	Y		

MEDIA STUDIES

Level 1

Course Description

This course is suited to students who are creative, who enjoy watching and analysing films as well as engaging with other media. If you like writing, design, photography, animation or making films and like to analyse what you see in the media, you will also enjoy this subject.

Media Studies is a blend of theory and production. During this course you will design and create your own media product (either a music video or a film trailer), You will also study the superhero film genre and audience behaviour patterns.

This course will develop both your critical thinking skills and media production skills.

Teacher in Charge: D. Hanson

AS		Level	Credit	L1 Lit	UE Lit	Num
90994	Complete a media product from a design and plan using a specified range of conventions	L1/Int	6			
90993	Produce a design and plan for a media product using a specified range of conventions	L1/Int	3			
90992	Demonstrate understanding of characteristics of a media genre	L1/Ext	4	Y		
90989	Demonstrate understanding of how individuals interact with the media	L1/Int	3	Y		Y

ENGLISH COMMUNICATION LITERACY

Level 2

Course Description

In this English Communication Literacy course a selection of standards will be offered in reading, writing, researching and analysing in order to communicate confidently and proficiently.

Teacher in Charge: C. Elliott

US		Level	Credit	L1 Lit	UE Lit	Num
25073	Read texts to recognise differing points of view on a topic	L2/Int	3			
24871	Complete complex forms	L2/Int	2			
8824	Research a topic using oral, visual and written sources, and evaluate the research process	L2/Int	3			
3492	Write a short report	L2/Int	3			
2989	Select, read, and assess texts on a topic	L2/Int	3			
1280	Use graphics in communication	L2/Int	2			

ENGLISH LANGUAGE

Level 2

Recommended Prior Learning: Between 8 and 12 credits at Level 1 English.

Course Description

This Level 2 English Language is course aimed at students who would benefit from a fully internally assessed course which focuses on building basic skills.

Teacher in Charge: S. Hippolite

AS		Level	Credit	L1 Lit	UE Lit	Num
91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	L2/Int	3	Y		
91106	Form developed personal responses to independently read texts, supported by evidence	L2/Int	4	Y		4r
91104	Analyse significant connections across texts, supported by evidence	L2/Int	4	Y		
91102	Construct and deliver a crafted and controlled oral text	L2/Int	3	Y		
91101	Produce a selection of crafted and controlled writing	L2/Int	6	Y		6w

ENGLISH LITERATURE

Level 2

Recommended Prior Learning: 12 or more credits in Level 1 English, including 3 credits in writing.

Course Description

Level 2 English Language is comprehensive course of study covering a range of English skills at Level 2 with a strong emphasis on reading and writing. Analytical and interpretative skills are encouraged and developed.

Teacher in Charge: S. Hippolite

AS		Level	Credit	L1 Lit	UE Lit	Num
91106	Form developed personal responses to independently read texts, supported by evidence	L2/Int	4	Y	4r	
91104	Analyse significant connections across texts, supported by evidence	L2/Int	4	Y		
91101	Produce a selection of crafted and controlled writing	L2/Int	6	Y	6w	
91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	L2/Ext	4	Y	4r,4w	
91098	Analyse specified aspect(s) of studied written text(s), supported by evidence	L2/Ext	4	Y	4r,4w	

ENGLISH EXTENSION

Level 2

Recommended Prior Learning: Students will be invited to select this course on the basis of school exams, internal grades and teacher recommendation. Expected performance – Merit or Excellence grades in Level 1 literature, close reading and creative writing.

Course Description

English Extension is an advanced Level 2 English course catering for students proven to be highly proficient in a comprehensive range of language skills and willing to extend these to higher levels.

Students will be expected to perform at a minimum of Merit achievement.

Teacher in Charge: S. Hippolite

AS		Level	Credit	L1 Lit	UE Lit	Num
91106	Form developed personal responses to independently read texts, supported by evidence	L2/Int	4	Y	4r	
91102	Construct and deliver a crafted and controlled oral text	L2/Int	3	Y		
91101	Produce a selection of crafted and controlled writing	L2/Int	6	Y	6w	
91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	L2/Ext	4	Y	4r,4w	
91099	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	L2/Ext	4	Y	4w	
91098	Analyse specified aspect(s) of studied written text(s), supported by evidence	L2/Ext	4	Y	4r,4w	

MEDIA STUDIES

Level 2

Recommended prior learning: Level 1 Media Studies, but not compulsory.

Course Description

This course is suited to students who are creative, who enjoy watching and analysing films as well as engaging with other media. If you like writing, design, photography or making films and like to analyse what you see in the media, you will also enjoy this subject.

Media Studies is a blend of theory and production. During this course you will design and create your own media product (either a printed article or a short film) You will also study the science fiction genre and analyse how different groups are represented in the media.

This course will develop both your critical thinking skills and media production skills.

Teacher in Charge: D. Hanson

AS		Level	Credit	L1 Lit	UE Lit	Num
91250	Demonstrate understanding of representation in the media	L2/Int	3	Y		
91253	Complete a developed media product from a design and plan using a range of conventions	L2/Int	6	Y		
91251	Demonstrate understanding of an aspect of a media genre	L2/Ext	4	Y	4w	
91249	Demonstrate understanding of narrative in media texts	L2/Int	4	Y		

ENGLISH LANGUAGE

Level 3

Recommended Prior Learning: Minimum of 9 Level 2 English credits. Exceptions dependent on an interview with the HOF

Course Description

This is a guided senior English course. This course develops skills in using language and covers a range of texts. There is a provision within this course to modify the Achievement Standards completed based on individual student's UE requirements including extension through the exchange or supplementation of A.S. 91479 - Develop an informed understanding of literature and/or language using critical texts. All assessments are internally assessed.

Teacher in Charge: C. Elliott

AS		Level	Credit	L1 Lit	UE Lit	Num
91480	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	L3/Int	3	Y		
91478	Respond critically to significant connections across texts, supported by evidence	L3/Int	4	Y		
91476	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	L3/Int	3	Y		
91475	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	L3/Int	6	Y	6w	

ENGLISH LITERATURE

Level 3

Recommended Prior Learning: Minimum 12 Level 2 English credits including 91100. Only exceptions dependent on an interview with the HOF

Course Description

This is an academic senior English course for independent learners. This course demands a high level of understanding of language and style, and focuses on the study of literature from established works.

Teacher in Charge: C. Elliott

AS		Level	Credit	L1 Lit	UE Lit	Num
91480	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	L3/Int	3	Y		
91479	Develop an informed understanding of literature and/or language using critical texts	L3/Int	4	Y	4r	
91476	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	L3/Int	3	Y		
91475	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	L3/Int	6	Y	6w	
91474	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	L3/Ext	4	Y	4r,4w	
91473	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	L3/Ext	4	Y	4w	

MEDIA STUDIES

Level 3

Recommended Prior Learning: Level 2 Media Studies, but not compulsory.

Course Description

If you're a creative student who enjoys watching and analysing films as well as engaging with other media then Media Studies will appeal to you. If you like writing, design, photography, animation or making films and like to debate what you see in the media, you will also enjoy this subject.

Media Studies is a blend of theory and practical production. During this course you will design and create your own media product (either a short documentary for our local film festival or a feature article). You will also study a feature film from a variety of different perspectives and examine the documentary film genre and its close relationship with society. You will also have the opportunity to do Scholarship Media.

This course will develop both your critical thinking skills and media production skills.

Teacher in Charge: D. Hanson

AS		Level	Credit	L1 Lit	UE Lit	Num
91497	Write a media text to meet the requirements of a brief	L3/Int	3	Y	3w	
91495	Produce a media product to meet the requirements of a brief	L3/Int	6	Y		
91493	Demonstrate understanding of a relationship between a media genre and society	L3/Ext	4	Y	4r,4w	
91491	Demonstrate understanding of the meaning of a media text through different readings	L3/Int	3	Y		

HEALTH / PHYSICAL / OUTDOOR EDUCATION

HEALTH

Level 1

Course Description

This is a course for students aiming to explore Health Education and who may be interested in a career in the health/community sector. Students will develop skills and strategies for achieving and maintaining their own wellbeing. This involves taking action to enhance wellbeing and also developing strategies to support wellbeing. Students will study current issues such as positive sexuality, relationships and drug related situations. This course offers a total of 16 credits, literacy credits and is UE accredited.

Teacher in Charge: M. Anderson

AS		Level	Credit	L1 Lit	UE Lit	Num
90975	Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	L1/Ext	4	Y		
90974	Demonstrate understanding of strategies for promoting positive sexuality	L1/Int	4	Y		
90973	Demonstrate understanding of interpersonal skills used to enhance relationships	L1/Int	5	Y		
90971	Take action to enhance an aspect of personal well-being	L1/Int	3	Y		

OUTDOOR EDUCATION

Recommended Prior Learning: Proven responsibility, enthusiasm and organisational skills. This course requires total commitment and full attendance, especially for the weekly practical's and longer adventures.

Level 1

Course Description

If you love adventures and want to develop skills in a range of outdoor pursuits then this is the course for you. You will develop skills in kayaking, mountain biking, rock climbing and tramping. Alongside technical skills you will build resilience, organisational and leadership skills and develop a passion for the outdoor environment. This course involves a weekly two hour practical in class time, plus a total of 7 days out of school. Assessments are a mixture of unit and achievement standards. Leads to Year 12 and then 13 Outdoor Education where you become more independent in the outdoors and develop your outdoor skills and attitudes to a higher level.

For students doing both Outdoor Education and Physical Education this unit will be replaced with two mountain biking unit standards worth a total of 3 credits. The units standards are 20137 and 457.

Course Contribution and Equipment: Total \$247: Sea Kayak \$75, Tramp \$75 and Rock climbing \$97.

Teacher in Charge: S. Garside

AS/US		Level	Credit	L1 Lit	UE Lit	Num
90970	Demonstrate self management strategies and describe the effects on participation in physical activity	L1/Int	3	Y		
90968	Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities	L1/Int	3	Y		
90964	Demonstrate quality movement in the performance of a physical activity	L1/Int	3			
20818	Demonstrate kayaking skills on sheltered or slow-moving water	L1/Int	2			
489	Demonstrate sea kayaking skills on sheltered or slow-moving water	L2/Int	3			
426	Experience camping	L1/Int	2			
425	Experience day tramps	L1/Int	2			

PHYSICAL EDUCATION

Level 1

Course Description

This course consists of both practical and theoretical elements to give a comprehensive understanding of physical education at this level.

Topics include: Anatomy, Physiology, Biomechanics and Video analysis, Social Responsibility and Leadership.

It is an ideal course for those students wishing to pursue Physical Education further into the senior school. The course comprises of methods to improve performance in sport as well as anatomy, exercise physiology and motor skill learning. There is a focus on interpersonal skills with the view to exercising social responsibility in sports groups and teams. The course is worth 20 credits however an optional 4 extra credits is available from 90965 - 'Generation Z assignment' for those students who would like to opt for it. The course looks at youth involvement in Gen Z type activities and their influences on society.

There are 2 optional 1 day non-curriculum related trips included in this course: Skiing/Snowboarding, Paintball and Flip Out Trampolining.

Approximate cost of activities: Total \$150: Skiing \$90, Paintballing \$45 and Flip Out trampolining \$15.

Teacher in Charge: G. Billcliff

AS		Level	Credit	L1 Lit	UE Lit	Num
90967	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	L1/Int	3	Y		
90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	L1/Int	4	Y		
90965	Demonstrate understanding of societal influences on physical activity and the implications for self and others	L1/Int	4	Y		
90964	Demonstrate quality movement in the performance of a physical activity	L1/Int	3			
90963	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	L1/Int	5	Y		
90962	Participate actively in a variety of physical activities and explain factors that influence own participation	L1/Int	5			

HEALTH

Level 2

Recommended Prior Learning: A passion for Health Studies and in negotiation with the TIC Health.

Course Description

This is a course suitable for students anticipating a career in the health/community sector. Students will study current issues such as resiliency, gender and sexuality and analyse a New Zealand health issue. Students will also develop and carry out an action plan designed to improve wellbeing in our school community.

This course offers a total of 24 credits, literacy credits and is UE accredited.

Teacher in Charge: M. Anderson

AS		Level	Credit	L1 Lit	UE Lit	Num
91239	Analyse issues related to sexuality and gender to develop strategies for addressing the issues	L2/Int	5	Y		
91237	Take action to enhance an aspect of people's well-being within the school or wider community	L2/Int	5	Y		
91236	Evaluate factors that influence people's ability to manage change	L2/Int	5	Y		
91235	Analyse an adolescent health issue	L2/Ext	5	Y		

OUTDOOR EDUCATION

Level 2

Recommended Prior Learning: Proven responsibility, enthusiasm and organisational skills. This course requires total commitment and full attendance, especially for the weekly adventures and expeditions.

Course Description

If you love learning outside the classroom, new experiences and challenges, then this course is for you. You will develop skills in a range of outdoor pursuits including kayaking, mountain biking, rock climbing, tramping and mountaineering. You will develop transferable leadership and risk analysis skills, as well as an appreciation for the outdoor environment. This course involves a weekly two hour practical in class time, plus a total of 9 days out of school. The course is internally assessed, with a combination of unit & achievement standards.

Achievement standards 91330 and 91334 is for students doing outdoor education and not physical education. Unit Standard 20150

Experience Natural Rock Climbing 5 Credits at level 3 will be used for students doing both outdoor education and physical education. Course Contribution and Equipment: Total \$405: White water kayak \$132, Tramp \$102, Alpine trip \$74 and Rock climbing \$97.

Teacher in Charge: S. Garside

AS/US		Level	Credit	L1 Lit	UE Lit	Num
91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	L2/Int	3			
91333	Analyse the application of risk management strategies to a challenging outdoor activity	L2/Int	3	Y		
91330	Perform a physical activity in an applied setting	L2/Int	4			
20121	Demonstrate kayaking skills on Grade II whitewater	L2/Int	4			
18132	Demonstrate basic movement skills and the use of ice axe and crampons	L3/Int	2			
20150	Demonstrate top rope rock climbing and belaying skills on Ewbank Grade 14 and above	L3/Int	2			
20159	Demonstrate knowledge of weather information for an outdoor activity	L2/Int	2			
476	Roll a kayak	L2/Int	2			
457	Demonstrate mountain biking skills on grade 2 terrain	L2/Int	2			

PHYSICAL EDUCATION

Level 2

Recommended Prior Learning: 12 Level 1 credits in Physical Education or negotiation with HOF.

Course Description

This course combines theoretical components with practical applications and is a course designed for those wishing to pursue possible future career pathways in the sporting world. The course covers the methods and principles behind the training for sporting disciplines. It involves the physiological, anatomical and biomechanical analysis of sporting movements as well as an emphasis of coaching and leadership in group situations. It is ideal for students wishing to pursue Physical Education in Year 13 and a career in a sporting pathway for the future.

Teacher in Charge: J. Brown

AS		Level	Credit	L1 Lit	UE Lit	Num
91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	L2/Int	3			
91332	Evaluate leadership strategies that contribute to the effective functioning of a group	L2/Int	4	Y		
91330	Perform a physical activity in an applied setting	L2/Int	4			
91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	L2/Int	4	Y		
91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	L2/Int	5	Y		

SPORTS EXTENSION PROGRAMME - RUGBY

Level 2 & 3

Recommended Prior Learning: Selected entry by application to the Master in charge of Rugby.

Course Description

Selected students work with coaches and invited specialists to cover fitness work, individual skills, team skills and coaching. The programme is based around the six pillars of rugby development: technical, tactical, physical, mental, nutrition and personal leadership. This course is designed to help our top rugby players excel by providing them with the time and expertise to take their chosen sport to the next level.

Master in Charge: M. Cochrane

US		Level	Credit	L1 Lit	UE Lit	Num
22771	Plan beginner-level coaching sessions for sport participants	L3/Int	6			
22768	Conduct and review a beginner level coaching session	L2/Int	4			
31388	Carry out pre-event preparation and apply the rules of the sport while officiating sports events	L3/Int	10			

HEALTH

Level 3

Recommended Prior Learning: A passion for Health Studies and in negotiation with the TIC Health.

Course Description

This is a course suitable for students anticipating a career in the health/community sector. Students will study a current NZ health issue, they will look at different types of health practise - comparing WSM to contemporary and traditional medicine. They will analyse a contemporary ethical issue and look at an international health issue.

This course offers a total of 19 credits, literacy credits and is UE accredited.

Teacher in Charge: M. Anderson

AS		Level	Credit	L1 Lit	UE Lit	Num
91464	Analyse a contemporary ethical issue in relation to well-being	L3/Int	4	Y	4r	
91463	Evaluate health practices currently used in New Zealand	L3/Int	5	Y	5r	
91462	Analyse an international health issue	L3/Ext	5	Y	5r,5w	
91461	Analyse a New Zealand health issue	L3/Int	5	Y	5r	

OUTDOOR EDUCATION

Level 3

Recommended Prior Learning: Level 2 OED (minimum 12 credits) or equivalent experience at discretion of TIC

Course Description

If you want to become an independent outdoor adventurer, then this course is for you. The topics studied are kayaking, mountain biking, rock climbing and alpine tramping. This course is fully internally assessed and will involve a weekly in class two hour practical and four expeditions (kayaking, mountain biking, alpine tramping and rock climbing) resulting in a total of 10 days out of school. You will develop transferable leadership and safety management skills.

Achievement Standard 91789, 4 Credits, level 3 is offered to students doing physical education as well as outdoor education as they will do achievement standard 91501 in physical education and not outdoor education.

Course Contribution and Equipment: Total \$532: White water kayak \$132, Two mountain bike trips \$137, Alpine tramp \$126 and Rock climbing \$137.

Teacher in Charge: S. Garside

AS/US		Level	Credit	L1 Lit	UE Lit	Num
91504	Analyse issues in safety management for outdoor activity to devise safety management strategies	L3/Int	3	Y	3r	
91501	Demonstrate quality performance of a physical activity in an applied setting	L3/Int	4			Y
28516	Prepare for, participate in, and evaluate an outdoor experience as a member of a group	L3/Int	15			

PHYSICAL EDUCATION

Level 3

Recommended Prior Learning: 12 Level 2 credits in Physical Education or negotiation with HOF.

Course Description

This course is designed for those wishing to pursue possible future career pathways in Sports Science, Physical Education and other future opportunities in the vast sporting world. The course covers many important sporting concepts and includes: Physical activity experiences with evaluation based on video analysis techniques in the performance of golf using biomechanical concepts. The course covers the many benefits of sport throughout life (well being/ Hauora) through a variety of various sporting concepts and practicals covered across the many sports codes. Students will research the acclaimed TGFU/ Game sense coaching approach through a Games for Understanding based model in a Basketball unit. This course is also fully internally assessed with 2 weekly practical's.

The course includes optional programmes such as the golf unit. Costs associated with this unit are approximately \$100 per students.

Teacher in Charge: J. Brown

AS		Level	Credit	L1 Lit	UE Lit	Num
91502	Examine a current physical activity event, trend, or issue and its impact on New Zealand society	L3/Int	4	Y	4r	
91501	Demonstrate quality performance of a physical activity in an applied setting	L3/Int	4			Y
91500	Evaluate the effectiveness of a performance improvement programme	L3/Int	4	Y		Y
91499	Analyse a physical skill performed by self or others	L3/Int	3	Y		
91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	L3/Int	4	Y		Y

LANGUAGES

ESOL

Level 1

Recommended Prior Learning: Testing and assessment on entry.

Course Description

This course focuses on building literacy skills in English through the study of a range of literature and non-fiction. Students will read and view a range of different texts and work through both mainstream English achievement standards and English Language unit standards to demonstrate their progress in each of the core skills.

Teacher in Charge: E. Gillyon

AS/US		Level	Credit	L1 Lit	UE Lit	Num
31005	Read and understand a range of simple written texts independently (EL)	L1/Int	5			
31025	Present simple information on an everyday familiar topic (EL)	L1/Int	5			
31041	Write basic texts for practical purposes relevant to self (EL Foundation)	L1/Int	10			
90854	Form personal responses to independently read texts, supported by evidence	L1/Int	4	Y		
90857	Construct and deliver an oral text	L1/Int	3	Y		

JAPANESE

Level 1

Recommended Prior Learning: Full year of Year 10 Japanese.

Course Description

Students will learn to write in their second language and learn the tools to speak Japanese in everyday situations. Themes include: leisure activities; school life and events; family life and routines; the world around us, and health.

Teacher in Charge: F. Keyanonda

AS		Level	Credit	L1 Lit	UE Lit	Num
90897	Write a variety of text types in Japanese on areas of most immediate relevance	L1/Int	5			
90896	Demonstrate understanding of a variety of Japanese texts on areas of most immediate relevance	L1/Ext	5			
90895	Interact using spoken Japanese to communicate personal information, ideas and opinions in different situations	L1/Int	5			
90894	Give a spoken presentation in Japanese that communicates a personal response	L1/Int	4			
90893	Demonstrate understanding of a variety of spoken Japanese texts on areas of most immediate relevance	L1/Ext	5			

TE REO MĀORI

Level 1

Recommended Prior Learning: Year 9 & full year of Year 10 Te Reo Māori (or equivalent).

Course Description

This course covers the four core language skills of Tuhituhi (writing), Pānui (comprehension), Whakarongo (aural), and Kōrero (oral).

Teacher in Charge: W. Hippolite

AS		Level	Credit	L1 Lit	UE Lit	Num
91089	Waihanga tuhinga i te reo o tona ao	L1/Int	6	Y		
91088	Tuhi i te reo o tona ao	L1/Ext	6	Y		
91087	Pānui kia mohio ki te reo o tona ao	L1/Ext	6	Y		
91086	Kōrero kia whakamahi i te reo o tona ao	L1/Int	6	Y		
91085	Whakarongo kia mohio ki te reo o tona ao	L1/Int	6	Y		
91976	Demonstrate understanding of key features of Te Ao Haka	L1/Int	6			
91977	Perform an item from a Te Ao Haka discipline	L1/int	6			
91978	Demonstrate understanding of categories within a Te Ao Haka discipline	L1/Ext	4			
91979	Demonstrate understanding of elements within a Te Ao Haka performance	L1/Ext	4			

ESOL

Level 2

Recommended Prior Learning: Testing and assessment on entry.

Course Description

This course focuses on building literacy skills in English through the study of a range of literature and non-fiction. Students will read and view a range of different texts and work through both mainstream English achievement standards and English Language unit standards to demonstrate their progress in each of the core skills. This course offers the first half of a set of standards for University Entrance Literacy, and it flows on to the Year 13 ESOL course, in which students are required to complete a portfolio of formal writing.

Teacher in Charge: E. Gillyon

AS/US		Level	Credit	L1 Lit	UE Lit	Num
27999	Write a simple connected text on a familiar topic (EL)	L2/Int	5			
31006	Read and understand a range of straightforward written texts independently (EL)	L2/Int	5			
31026	Present information on a familiar topic (EL)	L2/Int	5			
91102	Construct and deliver a crafted and controlled oral text	L2/Int	3	Y		
91106	Form developed personal responses to independently read texts, supported by evidence	L2/Int	5			
91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	L2/Int	3	Y		

JAPANESE

Level 2

Recommended Prior Learning: A minimum of 12 credits in Level 1 Japanese.

Course Description

This course takes students from the survival skills stage towards demonstrating real competence in Japanese. Language topics and skills are integrated with cultural studies and new topics include: Japanese family life; eating and drinking; the Japanese school system; leisure and recreation.

Teacher in Charge: F. Keyanonda

AS		Level	Credit	L1 Lit	UE Lit	Num
91137	Write a variety of text types in Japanese to convey information, ideas, and opinions in genuine contexts	L2/Int	5			
91136	Demonstrate understanding of a variety of written and/or visual Japanese text(s) on familiar matters	L2/Ext	5			
91135	Give a spoken presentation in Japanese that communicates information, ideas and opinions	L2/Int	4			
91134	Interact using spoken Japanese to share information and justify ideas and opinions in different situations	L2/Int	5			
91133	Demonstrate understanding of a variety of spoken Japanese texts on familiar matters	L2/Ext	5			

TE REO MĀORI

Level 2

Recommended Prior Learning: Level 1 Te Reo Māori.

Course Description

This is a comprehensive course that develops language skills. Integrated assessment is incorporated throughout.

Teacher in Charge: W. Hippolite

AS		Level	Credit	L1 Lit	UE Lit	Num
91288	Waihanga tuhinga auaha, i te reo o te ao torotoro	L2/Int	6	Y	6w	
91287	Tuhi i te reo o te ao torotoro	L2/Ext	6	Y	6w	
91286	Panui kia mohio ki te reo o te ao torotoro	L2/Ext	6	Y	6r	
91285	Korero kia whakamahi i te reo o te ao torotoro	L2/Int	6	Y		
91284	Whakarongo kia mohio ki te reo o te ao torotoro	L2/Int	4	Y		

ESOL

Level 3

Recommended Prior Learning: Testing and assessment on entry.

Course Description

This course is for students who are working towards Level 2 University Entrance Literacy. They will have completed the first half of their literacy requirements in the 12ESOL course.

Teacher in Charge: E. Gillyon

AS/US		Level	Credit	L1 Lit	UE Lit	Num
31027	Deliver a developed presentation on a familiar topic (EL)	L3/Int	5			
90857	Construct and deliver an oral text	L1/Int	3	Y		
91101	Produce a selection of crafted and controlled writing	L2/Int	6	Y	6w	
91106	Form developed personal responses to independently read texts, supported by evidence	L2/Int	4	Y	4r	

SENIOR ESOL IMMERSION

Level 3

Recommended Prior Learning: Testing and assessment on entry.

Course Description

Nelson College's ESOL Immersion programs provide English language support for students with little or no English. Senior Immersion is a 4-hour a week course that takes the place of English and/or other core subjects. The key focus of the course is building literacy skills which can be transferred to the workplace.

Students in this course may range from Year 11 to Year 13. Students placed in this program may gradually transition out to other subjects as they acquire the level of English needed to cope with the rest of the curriculum.

Teacher in Charge: J. D'Ath

US		Level	Credit	L1 Lit	UE Lit	Num
3483	Fill in a form	L1/Int	2			
26625	Actively participate in spoken interactions	L1/Int	3	Y		
31005	Read and understand a range of simple written texts independently (EL)	L1/Int	5			

JAPANESE

Level 3

Recommended Prior Learning: A minimum 12 credits in Level 2 Japanese.

Course Description

Students will build competence in social settings by using language patterns to develop and support their point of view. Reading and writing skills will be further developed with Kanji and grammar structures used in realistic settings. Topics include: travel and tourism, technology and social media, the environment and future plans.

Teacher in Charge: F. Keyanonda

AS		Level	Credit	L1 Lit	UE Lit	Num
91557	Write a variety of text types in clear Japanese to explore and justify varied ideas and perspectives	L3/Int	5			
91556	Demonstrate understanding of a variety of extended written and/or visual Japanese texts	L3/Ext	5			
91555	Interact clearly using spoken Japanese to explore and justify varied ideas and perspectives in different situations	L3/Int	6			
91554	Give a clear spoken presentation in Japanese that communicates a critical response to stimulus material	L3/Int	3			
91553	Demonstrate understanding of a variety of extended spoken Japanese texts	L3/Ext	5			

TE REO MĀORI

Level 3

Recommended Prior Learning: Minimum 12 Level 2 credits in Te Reo Māori.

Course Description

This is a comprehensive course that develops language skills covered in intermediate Māori. This course is for students who wish to extend their practical knowledge of Māori language.

Teacher in Charge: W. Hippolite

AS		Level	Credit	L1 Lit	UE Lit	Num
91654	Waihanga tuhinga whai take i te reo Māori o te ao whanui	L3/Int	6	Y	6w	
91653	Tuhi i te reo Māori o te ao whanui	L3/Ext	6	Y	6w	
91652	Panui kia mohio ki te reo Māori o te ao whanui	L3/Ext	6	Y	6r	
91651	Korero kia whakamahi i te reo Māori o te ao whanui	L3/Int	6	Y		
91650	Whakarongo kia mohio ki te reo Māori o te ao whanui	L3/Int	4	Y		

MATHEMATICS

Year 11 students are required to study **Mathematics** and will be placed in one of the following courses: Mathematics with Applications or Mathematics with Algebra. Students will be placed on the basis of their Year 10 results and teacher recommendation.

MATHEMATICS WITH APPLICATIONS

Level 1 Recommended Prior Learning: Working at Levels 4-5 of the NZ Curriculum in Mathematics.

Course Description

This course focuses on the applications of the mathematical concepts learned in previous years. The course links to the strands from the NZ Curriculum and covers internally assessed standards of number, linear algebra, geometry, measurement and statistics.

Teacher in Charge: A. Crisp

AS		Level	Credit	L1 Lit	UE Lit	Num
91036	Investigate bivariate numerical data using the statistical enquiry cycle	L1/Int	3	Y		Y
91032	Apply right-angled triangles in solving measurement problems	L1/Int	3			Y
91030	Apply measurement in solving problems	L1/Int	3			Y
91029	Apply linear algebra in solving problems	L1/int	3			Y
91026	Apply numeric reasoning in solving problems	L1/Int	4			Y

MATHEMATICS WITH ALGEBRA

Level 1 Recommended Prior Learning: Working at Level 5 or above of the NZ curriculum in Mathematics

Course Description

Mathematics with Algebra is a course designed for students who have shown they are confident with all strands of the Junior Curriculum. It provides students with a broad mathematical foundation and covers algebra, graphs, geometry, statistics, and probability.

Teacher in Charge: P. Costley

AS		Level	Credit	L1 Lit	UE Lit	Num
91037	Demonstrate understanding of chance and data	L1/Ext	4			Y
91032	Apply right-angled triangles in solving measurement problems	L1/Int	3			Y
91029	Apply linear algebra in solving problems	L1/Int	3			Y
91028	Investigate relationships between tables, equations and graphs	L1/Ext	4			Y
91027	Apply algebraic procedures in solving problems	L1/Ext	4			Y

MATHEMATICS WITH APPLICATIONS

Level 2 Recommended Prior Learning: 10 credits in Level 1 Maths Achievement Standards.

Course Description

This course extends the concepts learned in previous years. The course links to the strands from the NZ Curriculum and covers internally assessed standards of networks, linear algebra, trigonometry and statistics & probability.

For many it will be a terminating course. However, students who do well may be able to take Level 3 Mathematics with the approval of Mathematics Faculty Leader.

Teacher in Charge: C. Staig

AS		Level	Credit	L1 Lit	UE Lit	Num
91260	Apply network methods in solving problems	L2/Int	2			Y
91259	Apply trigonometric relationships in solving problems	L2/Int	3			Y
91258	Apply sequences and series in solving problems	L2/Int	2			Y
91256	Apply co-ordinate geometry methods in solving problems	L2/Int	2			Y
91268	Investigate a situation involving elements of chance using a simulation	L2/Int	2	Y		Y

MATHEMATICS WITH ALGEBRA

Level 2 Recommended Prior Learning: 16 credits in Level 1 Maths including 91027 and 91028, preferably with Merit

Course Description

This course is designed for able mathematicians with good basic algebraic skills. It further extends algebraic understanding, introduces calculus, and broadens knowledge of graphs and probability concepts.

Teachers in Charge: A. Crisp

AS		Level	Credit	L1 Lit	UE Lit	Num
91269	Apply systems of equations in solving problems	L2/Int	2			Y
91267	Apply probability methods in solving problems	L2/Ext	4	Y		Y
91262	Apply calculus methods in solving problems	L2/Ext	5			Y
91261	Apply algebraic methods in solving problems	L2/Ext	4			Y
91257	Apply graphical methods in solving problems	L2/Int	4			Y

MATHEMATICS

Level 3

Recommended Prior Learning: Minimum 16 credits in Level 1 Maths or higher including 91029. Entry is by consultation with the Mathematics Facility Leader

Course Description

This university approved course is for students who wish to continue with maths at Year 13 as a complement to their studies in other areas. Mathematics is a generalist course that is designed for students following a variety of different pathways. This course covers a range of concepts including critical path analysis, statistical analysis and linear programming.

Teacher in Charge: A Crisp

AS		Level	Credit	L1 Lit	UE Lit	Num
91587	Apply systems of simultaneous equations in solving problems	L3/Intl	3			Y
91581	Investigate bivariate measurement data	L3/Intl	4	Y		Y
91580	Investigate time series data	L3/Intl	4	Y		Y
91576	Use critical path analysis in solving problems	L3/Intl	2			Y
91574	Apply linear programming methods in solving problems	L3/Intl	3			Y

MATHEMATICS WITH CALCULUS

Level 3

Recommended Prior Learning: 15 credits in Level 2 Maths, including 91261, 91257 and 91262. Merit in these standards is essential.

Course Description

This university approved course is for students who enjoy maths and can work at an advanced level. Mathematics with calculus is a specialist course that is designed for students following an academic pathway. It is essential that students who choose this course have strong algebra skills. This course covers advanced algebra, calculus and trigonometry concepts.

Restriction: Students may not take Level 3 Mathematics

Note: Combining Calculus and Statistics & Modelling may qualify for 3 UE Subjects. (Calculus, Statistics & Mathematics)

Teacher in Charge: L. Toynbee

AS		Level	Credit	L1 Lit	UE Lit	Num
91579	Apply integration methods in solving problems	L3/Ext	6			Y
91578	Apply differentiation methods in solving problems	L3/Ext	6			Y
91577	Apply the algebra of complex numbers in solving problems	L3/Ext	5			Y
91575	Apply trigonometric methods in solving problems	L3/Int	4			Y

MATHEMATICS WITH STATISTICS AND MODELLING

Level 3

Recommended Prior Learning: 10 credits at Level 2, including 91267. Merit in several achievement standards is desirable.

Course Description

This university approved course is for students who enjoy statistics and can work at an advanced level. Mathematics with statistics is a specialist course that is designed for students following an academic pathway. It is recommended that students who choose this course have strong literacy skills. This course covers a range of concepts including advanced statistics and probability and operations research.

Restriction: Students may not take Level 3 Mathematics

Note: Combining Calculus and Statistics & Modelling may qualify for 3 UE Subjects. (Calculus, Statistics & Mathematics)

Teacher in Charge: S. McLean

AS		Level	Credit	L1 Lit	UE Lit	Num
91586	Apply probability distributions in solving problems	L3/Ext	4			Y
91585	Apply probability concepts in solving problems	L3/Ext	4			Y
91584	Evaluate statistically based reports	L3/Ext	4	Y	4r,4w	Y
91582	Use statistical methods to make a formal inferences	L3/Int	3	Y		Y
91574	Apply linear programming methods in solving problems	L3/Int	3			Y

SCIENCE

All Year 11 students are required to study science. You can select the optional extension science course, or you will be placed into one of the following Level 1 courses: Practical Science, Applied Science or Science.

PRACTICAL SCIENCE

Level 1

Students will be selected on their Year 10 results and teacher recommendation.

Course Description

The Practical Science course is able to focus on those Level 1 standards that gain credits through practical and hands-on investigations across a variety of science fields. Topics will be selected based on the interest and ability of the students in the class and may include chemical reactions, heat transfer related to hangi or home insulation, horticulture, and microbiology and disinfectants. This makes the course suitable for students who are not planning on taking Level 2 Science courses.

Teacher in Charge: J. Fraser

AS		Level	Credit	L1 Lit	UE Lit	Num
90918	Carry out a practical agricultural or horticultural investigation	L1/Int	4			Y
90930	Carry out a practical chemistry investigation, with direction	L1/Int	4			Y
90935	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	L1/Int	4			Y
90943	Investigate implications of heat for everyday life	L1/Int	4			Y
90950	Investigate biological ideas relating to interactions between humans and micro-organisms	L1/Int	4			Y

APPLIED SCIENCE

Level 1

Students will be selected on their Year 10 results and teacher recommendation.

Course Description

The Applied Science course is designed to enable students to gain credits through a balance of practical, hands-on investigations and research-based investigations. Students will cover a broad range of scientific skills and knowledge across a variety of science fields. Students in this course may be able to continue onto some Level 2 Science courses through discussion with the Head of Faculty.

Teacher in Charge: J. Fraser

AS		Level	Credit	L1 Lit	UE Lit	Num
90930	Carry out a practical chemistry investigation, with direction	L1/Int	4			Y
90935	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	L1/Int	4			Y
90940	Demonstrate understanding of aspects of mechanics	L1/Ext	4			Y
90946	Investigate the implications of the properties of metals for their use in society	L1/Int	4			
90950	Investigate biological ideas relating to interactions between humans and micro-organisms	L1/Int	4			

SCIENCE

Level 1

Students will be selected on their Year 10 results and teacher recommendation unless they opt for the Extension Science course.

Course Description

This is a general science course for those wishing to continue in science or not which includes aspects of Biology, Chemistry, Physics while covering a broad range of scientific skills and knowledge required to develop scientific literacy.

Teacher in Charge: J. Fraser

AS		Level	Credit	L1 Lit	UE Lit	Num
90948	Demonstrate understanding of biological ideas relating to genetic variation	L1/Ext	4	Y		
90944	Demonstrate understanding of aspects of acids and bases	L1/Ext	4			
90940	Demonstrate understanding of aspects of mechanics	L1/Ext	4			Y
90935	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	L1/Int	4			Y
90930	Carry out a practical chemistry investigation, with direction	L1/Int	4			Y

SCIENCE EXTENSION - TWO OPTION COURSE 8 HRS

Level 1

Students who opt for this course will not be placed into the other science courses

Course Description

This exciting course is designed to give students a comprehensive science knowledge base. It allows students to explore elements of physics, biology, chemistry, geology and astronomy alongside learning the relevance of science to their everyday lives. It will consist of a variety of science standards taught by specialist teachers and allow students to gain a thorough understanding of the different disciplines of science. This is an 8-hour course and is highly recommended for those students who want to develop their scientific literacy, investigative, and research skills and/or are planning to continue with Science in Level 2 and 3.

The content of this course is flexible and innovative as it offers a selection of standards based on the interests of the students.

Contexts could include, marine biology, sports and medical science, astronomy, biochemistry, forensics, botany, acoustics, e-bikes, or other contexts of interest.

Teacher in Charge: J. Fraser

AS		Level	Credit	L1 Lit	UE Lit	Num
90925	Carry out a practical investigation in a biological context, with direction	L1/Int	4			Y
90926	Report on a biological issue	L1/Int	3	Y		
90928	Demonstrate understanding of biological ideas relating to the life cycle of flowering plants	L1/Ext	4	Y		
90929	Demonstrate understanding of biological ideas relating to a mammal(s) as a consumer(s)	L1/Ext	3	Y		
90930	Carry out a practical chemistry investigation, with direction	L1/Int	4			Y
90934	Demonstrate understanding of aspects of chemical reactions	L1/Ext	4			
90935	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	L1/INT	4			Y
90937	Demonstrate understanding of aspects of electricity and magnetism	L1/Ext	4			Y
90938	Demonstrate understanding of aspects of wave behaviour	L1/Ext	4			Y
90950	Investigate biological ideas relating to interactions between humans and micro-organisms	L1/Int	4			
90952	Demonstrate understanding of the formation of surface features in New Zealand	L1/Int	4	Y		
90954	Demonstrate understanding of the effects of astronomical cycles on planet Earth	L1/Int	4	Y		

BIOLOGY

Level 2

Recommended Prior Learning: 12 Level 1 Science credits

Course Description

Biology is the scientific study of life. It is a subject which explores the living world: its ecology, processes and relationships. Through this study, students gain an understanding of themselves, the planet, and how organisms survive and live together. They also develop essential scientific knowledge, methods and techniques. From here, students are able to analyse scientific information effectively and discuss the wide range of implications biology has on their world, including medical and environmental issues. Biology is a fascinating subject and is important for careers in a variety of areas including medicine, sports science, environmental science, marine biology and forensics.

Y12 topics include:

- Cell Biology: learning about the amazing complexity in the structure and function of cells.
- Genetics: examining the mechanisms behind inheritance and genetic variation.
- Anatomy and Physiology: exploring the powerful theory of evolution and its relationship with the structure and function in animals and plants.

Teacher in Charge: J. Fraser

AS		Level	Credit	L1 Lit	UE Lit	Num
91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue	L1/Int	3	Y	3r,3w	
91157	Demonstrate understanding of genetic variation and change	L2/Ext	4	Y		
91156	Demonstrate understanding of life processes at the cellular level	L2/Ext	4	Y		
91155	Demonstrate understanding of adaptation of plants or animals to their way of life	L2/Int	3	Y		
91153	Carry out a practical investigation in a biology context, with supervision	L2/Int	4			Y

CHEMISTRY

Level 2

Recommended Prior Learning: Minimum of 16 credits in any Level 1 Science subject.

Course Description

This course should be considered as part one of a two-year course in Chemistry. It focuses on preparing students with the fundamental skills that they will need for Level 3 Chemistry and beyond.

Achievement standard 91165 is optional but requires additional work outside of class time.

Teacher in Charge: S. Currie

AS		Level	Credit	L1 Lit	UE Lit	Num
91164	Demonstrate understanding of bonding, structure, properties and energy changes	L2/Ext	5	Y		
91165	Demonstrate understanding of the properties of selected organic compounds	L2/Ext	4	Y		
91166	Demonstrate understanding of chemical reactivity	L2/Ext	4	Y		
91388	Demonstrate understanding of spectroscopic data in chemistry	L3/Int	3			
91911	Carry out an investigation into chemical species present in a sample using qualitative analysis	L2/Int	3			

EARTH AND SPACE SCIENCE

Level 2

Recommended Prior Learning: 12 credits from NCEA Level 1 Science, Physics or Biology. Students not meeting this requirement may be admitted at the discretion of the HOF.

Course Description

This course covers aspects of Astronomy, Marine Science and Earth Science while developing students understanding of the nature of science. It is an exciting Level 2 general science course for students that want to continue to study science but don't want to specialise. It leads on to the Level 3 Earth and Space course in Year 13.

Teacher in Charge: M Chamberlain

AS		Level	Credit	L1 Lit	UE Lit	Num
91192	Demonstrate understanding of stars and planetary systems	L2/Ext	4	Y		
91191	Demonstrate understanding of the causes of extreme Earth events in New Zealand	L2/Ext	4	Y		
91190	Investigate how organisms survive in an extreme environment	L2/Int	4	Y		
91188	Examine an Earth and Space Science issue and the validity of the information communicated to the public	L2/Int	4	Y		
91187	Carry out a practical Earth and Space Science investigation	L2/Int	4	Y		Y

PHYSICS

Level 2

Recommended Prior Learning: Minimum of 12 credits in any Level 1 Science subject, which must include Science 90940. Mathematics 91029 or equivalent is advisable.

Course Description

This is a challenging but exciting course covering electricity, magnetism, radioactivity, light, sound and motion.

Teacher in Charge: C. Allen

AS		Level	Credit	L1 Lit	UE Lit	Num
91173	Demonstrate understanding of electricity and electromagnetism	L2/Ext	6	Y		Y
91172	Demonstrate understanding of atomic and nuclear physics	L2/Int	3	Y		
91171	Demonstrate understanding of mechanics	L2/Ext	6	Y		Y
91170	Demonstrate understanding of waves	L2/Ext	4	Y		Y
91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	L2/Int	4	Y		Y

BIOLOGY

Level 3

Recommended Prior Learning: Minimum 12 Level 2 credits in Biology.

Course Description

Biology is the scientific study of life. It is a subject which explores the living world: its ecology, processes and relationships. Through this study, students gain an understanding of themselves, the world, and how organisms survive and live together. They also develop essential scientific knowledge, methods and techniques. From here, students are able to analyse scientific information effectively and discuss the wide range of implications science has on their world, including medical and environmental issues. Biology is a fascinating subject and is important for careers and in a variety of areas, from health through to sports science, environmental science and zoology.

This course focuses on: Studying how human physiology controls our bodies; Investigating the evolution of modern and ancient humans and how their journey has shaped our modern world and anatomy; Examining how plants and animals detect and respond to their environments and each other; Running practical investigations into animal behaviour; Developing the skills to analyse information from the net around a contentious scientific issue.

Teacher in Charge: J. Fraser

AS		Level	Credit	L1 Lit	UE Lit	Num
91606	Demonstrate understanding of trends in human evolution	L3/Ext	4	Y	4r,4w	
91604	Demonstrate understanding of how an animal maintains a stable internal environment	L3/Int	3	Y	3r	
91603	Demonstrate understanding of the responses of plants and animals to their external environment	L3/Ext	5	Y	5r,5w	
91902	Integrate biological knowledge to develop an informed response to a socio-scientific issue	L3/Int	3	Y	3r,3w	
91601	Carry out a practical investigation in a biological context, with guidance	L3/Int	4	Y		Y

CHEMISTRY

Level 3

Recommended Prior Learning: Minimum 12 credits in Chemistry

Course Description

This course builds upon the fundamentals learned in Level 2 Chemistry. It is an examination-focused course, designed to prepare students to follow Chemistry into their tertiary study.

Achievement standard 91388 is optional if not achieved in Year 12. This will require additional time and study outside of class.

Teacher in Charge: S. Currie

AS		Level	Credit	L1 Lit	UE Lit	Num
91393	Demonstrate understanding of oxidation-reduction processes	L3/Int	3	Y		
91392	Demonstrate understanding of equilibrium principles in aqueous systems	L3/Ext	5	Y		Y
91391	Demonstrate understanding of the properties of organic compounds	L3/Ext	5	Y		
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	L3/Ext	5	Y		
91388	Demonstrate understanding of spectroscopic data in chemistry	L3/Int	3			

EARTH AND SPACE SCIENCE

Level 3

Recommended Prior Learning: 12 credits from any Year 12 Science subject or Year 12 Geography or at the discretion of the HOF.

Course Description

This course covers aspects of Astronomy, Marine Science and Earth Science while developing students understanding of the nature of science. It is an exciting Level 3 general science course for students that want to continue to study science but don't want to specialise. Five standards from the Earth and Space selection will be offered.

Teacher in Charge: M. Chamberlain

AS		Level	Credit	L1 Lit	UE Lit	Num
91415	Investigate an aspect of astronomy	L3/Int	4	Y	4r	
91414	Demonstrate understanding of processes in the atmosphere system	L3/Ext	4	Y	4r,4w	
91413	Demonstrate understanding of processes in the ocean system	L3/Ext	4	Y	4r,4w	
91412	Investigate the evidence related to dating geological event(s)	L3/Int	4	Y		
91411	Investigate a socio-scientific issue in an Earth and Space Science context	L3/Int	4	Y	4r,4w	
91410	Carry out an independent practical Earth and Space Science investigation	L3/Int	4	Y	4r,4w	Y

PHYSICS

Level 3

Recommended Prior Learning: Minimum 12 Level 2 credits in Physics.

Course Description

Students will study the observation and explanation of events of electricity, magnetism, light, sound, motion and atomic structure.

Teacher in Charge: C. Allen

AS		Level	Credit	L1 Lit	UE Lit	Num
91526	Demonstrate understanding of electrical systems	L3/Ext	6	Y		
91525	Demonstrate understanding of Modern Physics	L3/Int	3	Y		
91524	Demonstrate understanding of mechanical systems	L3/Ext	6	Y		
91523	Demonstrate understanding of wave systems	L3/Ext	4	Y		
91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	L3/Int	4	Y		

SOCIAL SCIENCES

ACCOUNTING

Level 1

Course Description

This course provides an introduction to accounting principles and processes for individuals, families, community organisations and business. It will give students a basic understanding of accounting and its use.

Teacher in Charge: S. Mardon

AS		Level	Credit	L1 Lit	UE Lit	Num
90982	Demonstrate understanding of cash management for a small entity	L1/Int	4	Y		
90980	Interpret accounting information for sole proprietors	L1/Ext	4	Y		
90979	Prepare financial information for a community organisation's annual general meeting	L1/Int	4	Y		
90978	Prepare financial statements for sole proprietors	L1/Ext	5			
90977	Process financial transactions for a small entity	L1/Int	5			

CLASSICS

Level 1

Course Description

This course provides an introduction to Greek and Roman civilisation, linked to today: Greek mythology; How gladiators fought for their public; How the Colosseum was a purpose built public arena for reality sport; How Julius Caesar overcame Rome's entitled reactionary elite to become its greatest general, and shaped its politics; How the Film 'Troy' relates to the original Trojan War story.

Teacher in Charge: S. Roxburgh

AS		Level	Credit	L1 Lit	UE Lit	Num
91022	Demonstrate understanding of the significance of features of work(s) of art in the classical world	L1/Ext	4	Y		
91023	Demonstrate understanding of an important historical figure in the classical world	L1/Ext	4	Y		
91024	Demonstrate understanding of social relationships in the classical world	L1/Int	6	Y		
91025	Demonstrate understanding of links between aspects of the classical world and another culture	L1/Int	6	Y		

ECONOMICS

Level 1

Course Description

This course looks at consumers and producers and their contribution to the economy. It also covers producer decisions, their interactions with consumers and the market.

Teacher in Charge: N. Withers

AS		Level	Credit	L1 Lit	UE Lit	Num
90988	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	L1/Int	3	Y		
90987	Demonstrate understanding of a government choice where affected groups have different viewpoints	L1/Int	4	Y		
90986	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	L1/Ext	5	Y		
90985	Demonstrate understanding of producer choices using supply	L1/Ext	3	Y		
90984	Demonstrate understanding of decisions a producer makes about production	L1/Int	5	Y		

GEOGRAPHY

Level 1

Course Description

Course theme: people and the environment. This is an introduction to Geography. Students will learn how the world's natural and cultural environments interact. Topics may include: field research in the Abel Tasman National Park; world population; sustainable resource use in forestry; 1080 use in New Zealand; extreme natural events such as earthquakes; geographic skills; spatial analysis using GIS.

There are three, one day field trips based on the curriculum and linked to the 1080, research and forestry topics.

Teacher in Charge: D. Purdie

AS		Level	Credit	L1 Lit	UE Lit	Num
91007	Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s)	L1/Ext	4	Y		
91009	Demonstrate geographic understanding of the sustainable use of an environment	L1/Int	3	Y		
91010	Apply concepts and basic geographic skills to demonstrate understanding of a given environment	L1/Ext	4			Y
91011	Conduct geographic research, with direction	L1/Int	4	Y	Y	
91012	Describe aspects of a contemporary New Zealand geographic issue	L1/Int	3	Y		
91013	Describe aspects of a geographic topic at a global scale	L1/Int	3	Y		

HISTORY

Level 1

Course Description

This course covers major historical events related to the theme of resistance. After an introductory subject decided on by the class, topics may include: American and French Revolutions; Israel and Palestine; The World at War; Resistance in New Zealand. Students will learn research methods and investigate different perspectives.

Teacher in Charge: S. Powrie

AS		Level	Credit	L1 Lit	UE Lit	Num
91001	Carry out an investigation of an historical event, or place, of significance to New Zealanders	L1/Int	4	Y		
91002	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	L1/Int	4	Y		
91004	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	L1/Int	4	Y		
91005	Describe the causes and consequences of an historical event	L1/Ext	4	Y		
91006	Describe how a significant historical event affected New Zealand society	L1/Ext	4	Y		

ACCOUNTING

Level 2

Recommended Prior Learning: Minimum of 12 NCEA credits in Level 1 Accounting, or HOF approval.

Course Description

This course looks at accounting systems, principles and processes for business organisations, both in theory and through the practical application of MYOB accounting software.

Teacher in Charge: S. Mardon

AS		Level	Credit	L1 Lit	UE Lit	Num
91481	Demonstrate understanding of a contemporary accounting issue for decision-making	L2/Int	4	Y		
91386	Demonstrate understanding of an inventory subsystem for an entity	L2/Int	3	Y		Y
91179	Demonstrate understanding of an accounts receivable subsystem for an entity	L2/Int	3	Y		Y
91177	Interpret accounting information for entities that operate accounting subsystems	L2/Ext	4	Y		Y
91176	Prepare financial information for an entity that operates accounting subsystems	L2/Ext	5			Y
91175	Demonstrate understanding of accounting processing using accounting software	L2/Int	4			Y

BUSINESS

Level 2

Course Description

This course aims to give students theoretical and practical skills in setting up and running a small business. Students are expected to participate in running a business through the Young Enterprise Scheme (YES). Topics include: running a business; marketing; motivation; external influences on a business; strategic planning. Students are required to start up and run a business. This may require them to source their own initial investment for their activity.

Some equity funding may be available by approval from HOF Commerce.

Course Costs and Equipment: Cost: \$35 for YES Registration.

Teacher in Charge: S. Mardon

AS		Level	Credit	L1 Lit	UE Lit	Num
90848	Carry out, review and refine a business activity within a community context with guidance	L2/Int	9	Y		
90847	Investigate the application of motivation theory in a business	L2/Int	3	Y		
90846	Conduct market research for a new or existing product	L2/Int	3	Y		Y
90844	Demonstrate understanding of how a large business responds to external factors	L2/Ext	4	Y		

CLASSICS

Level 2

Course Description

This is an intermediate study of Greek and Roman civilisation linked to today including: The battle of Leonidas and 300 - why is it still immortalised? The original Odysseus as a hero and Joseph Campbell's 'Hero's Journey'; The contrast of modern and ancient hero-making; How what looks like a building - The Parthenon - is a symbol of Athens' supreme imperial domination in Iron Age Greece.

Teacher in Charge: S. Roxburgh

AS		Level	Credit	L1 Lit	UE Lit	Num
91200	Examine ideas and values of the classical world	L2/Ext	4	Y	4r,4w	
91201	Examine the significance of features of work(s) of art in the classical world	L2/Ext	4	Y	4r,4w	
91202	Demonstrate understanding of a significant event in the classical world	L2/Int	4	Y	4r	
91204	Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures	L2/Int	6	Y	6r	

ECONOMICS

Level 2

Recommended Prior Learning: NCEA Level 1.

Course Description

This course focuses on employment, trade, growth, inflation and inequality through the discussion of local and world-wide economic issues.

Teacher in Charge: N. Withers

AS		Level	Credit	L1 Lit	UE Lit	Num
91223	Analyse international trade using economic concepts and models	L2/Ext	4	Y		
91224	Analyse economic growth using economic concepts and models	L2/Ext	4	Y		
91225	Analyse unemployment using economic concepts and models	L2/Int	4	Y	4r	
91226	Analyse statistical data relating to two contemporary economic issues	L2/Int	4	Y		Y
91228	Analyse a contemporary economic issue of special interest using economic concepts and models	L2/Int	4	Y	4r	

GEOGRAPHY

Level 2

Course Description

This course focuses on the theme of landscapes and land use. Students will explore real and relevant contemporary contexts, undertake field work and relate it to the geographic processes and patterns that shape our world. Topics may include: natural landscapes; environmental monitoring; resource management; urban patterns; global issues; geographic skills; spatial analysis using GIS.

This course will include a significant, multi-day field trip based on the curriculum and linked to the natural landscapes and research topics.

Course Costs and Equipment: Donations may be requested to help cover student costs for overnight trips associated with the course.

Teacher in Charge: D. Purdie

AS		Level	Credit	L1 Lit	UE Lit	Num
91240	Demonstrate geographic understanding of a large natural environment	L2/Ext	4	Y	4r,	
91241	Demonstrate geographic understanding of an urban pattern	L2/Int	3	Y		
91243	Apply geography concepts and skills to demonstrate understanding of a given environment	L2/Ext	4	Y		
91244	Conduct geographic research with guidance	L2/Int	5	Y		Y
91246	Explain aspects of a geographic topic at a global scale	L2/Int	3	Y		

HISTORY

Level 2

Course Description

This course covers historical forces and ideologies which helped shape the modern world. The focus is on the conflict between East and West. Topics may include: The Bombing of Hiroshima, The Crusades, and The Vietnam War. Students will examine the significance of events and different perspectives.

Teacher in Charge: S. Powrie

AS		Level	Credit	L1 Lit	UE Lit	Num
91229	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	L2/Int	4	Y	4r	
91230	Examine an historical event or place that is of significance to New Zealanders	L2/Int	5	Y	5r	
91232	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	L2/Int	5	Y	5r	
91233	Examine causes and consequences of a significant historical event	L2/Ext	5	Y	5r,5w	
91234	Examine how a significant historical event affected New Zealand society	L2/Ext	5	Y	5r,5w	

TOURISM

Level 2

Course Description

This course provides students with a broad introduction to the exciting world of tourism, traditionally one of New Zealand's biggest employers and export industries. Students will understand how tourism should be managed by discovering why tourists travel, where they travel and what they do when they travel. This may include: an introduction to careers within the tourism industry; how to provide customer service; New Zealand and overseas destinations, tourism impacts, guest speakers; field trips to experience what it is like to be a tourist; visits to accommodation providers.

Teacher in Charge: D. Purdie

US		Level	Credit	L1 Lit	UE Lit	Num
57	Provide customer service	L2/Int	2			
24726	Describe and compare social and cultural impacts of tourism	L2/Int	2			
24727	Describe and compare impacts of tourism on the physical environment	L2/Int	3			
24728	Demonstrate knowledge of work roles in tourism	L2/Int	3			
24729	Demonstrate knowledge of world tourist destinations	L2/Int	4			
24730	Demonstrate knowledge of the business of tourism	L2/Int	4			
24731	Demonstrate knowledge of destination New Zealand	L2/Int	4			
24732	Demonstrate knowledge of tourist characteristics and needs	L2/Int	3			

ACCOUNTING

Level 3

Recommended Prior Learning: 12 Level 2 Accounting credits or at the discretion of the HOF.

Course Description

This course covers both financial and management accounting. The emphasis is on companies and partnerships.

Teacher in Charge: S. Mardon

AS		Level	Credit	L1 Lit	UE Lit	Num
91409	Demonstrate understanding of a job cost subsystem for an entity	L3/Int	4	Y		Y
91408	Demonstrate understanding of management accounting to inform decision-making	L3/Ext	4	Y		Y
91407	Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	L3/Int	5	Y	5r,5w	Y
91406	Demonstrate understanding of company financial statement preparation	L3/Ext	5			Y
91405	Demonstrate understanding of accounting for partnerships	L3/Int	4			Y

BUSINESS

Level 3

Recommended Prior Learning: Level 2 Business Studies, or at discretion of HOF.

Course Description

This course develops students' theoretical and practical skills in setting up and running a small business through the Young Enterprise Scheme (YES). Topics include: running a business; marketing; global influences on business; external factors; human resource issues; strategic planning. Students are required to start up and run a business. This may require them to source their own initial investment for their activity. Some equity funding may be available by approval from HOF Commerce.

Course Costs and Equipment: Cost: \$35 for YES Registration.

Teacher in Charge: S. Mardon

AS		Level	Credit	L1 Lit	UE Lit	Num
91385	Investigate the exporting potential of a New Zealand business in a market, with consultation.	L3/Int	3	Y	3r	
91384	Carry out, with consultation, an innovative and sustainable business activity	L3/Int	9	Y		
91383	Analyse a human resource issue affecting businesses.	L3/Int	3	Y	3r	
91382	Develop a marketing plan for a new or existing product	L3/Int	6	Y	6r	
91380	Demonstrate understanding of strategic response to external factors by a business that operates in a global context	L3/Ext	4	Y	4r,4w	

CLASSICS

Level 3

Course Description

Advanced study of Greece and Rome, linked to today, including: The huge struggle to switch from Republic to Emperor Augustus; Public propaganda by Augustus and subsequent emperors; Greek philosophy of science, politics and ethics; Comedy through millennia.

Teacher in Charge: S. Roxburgh

AS		Level	Credit	L1 Lit	UE Lit	Num
91395	Analyse the significance of a work(s) of art in the classical world	L3/Ext	4	Y	4r,4w	
91396	Analyse the impact of a significant historical figure on the classical world	L3/Ext	6	Y	6r,6w	
91397	Demonstrate understanding of significant ideology(ies) in the classical world	L3/Int	6	Y	6r	
91398	Demonstrate understanding of the lasting influences of the classical world on other cultures across time	L3/Int	6	Y	6r	

ECONOMICS

Level 3

Recommended Prior Learning: Students who have not studied Economics at Years 11 or 12 may study this subject at this level at the discretion of the TIC.

Course Description

This course provides an analytical study of the market and the public sector as well as an understanding of overall resource allocation in the economy.

Teacher in Charge: N. Withers

AS		Level	Credit	L1 Lit	UE Lit	Num
91403	Demonstrate understanding of macro-economic influences on the New Zealand economy	L3/Ext	6	Y	6r,6w	
91402	Demonstrate understanding of government interventions where the market fails to deliver efficient or equitable outcomes	L3/Int	5	Y	5r	
91401	Demonstrate understanding of micro-economic concepts	L3/Int	5	Y	5r	
91399	Demonstrate understanding of the efficiency of market equilibrium	L3/Ext	4	Y	4r,4w	

GEOGRAPHY

Level 3

Course Description

Course theme: managing global issues. Students will study the complex nature of present environmental challenges and possible solutions. These may include: the effects of human activities on different environments; cultural processes (tourism); natural processes within a coastal environment with field research; global issues such as human trafficking and conflict diamonds; geographic skills; spatial analysis using GIS. This course will include a significant, multi-day field trip based on the curriculum and linked to the coastal processes and research topics. Course Costs and Equipment: Donations may be requested to help cover student costs for overnight trips associated with the course.

Teacher in Charge: D. Purdie

AS		Level	Credit	L1 Lit	UE Lit	Num
91426	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	L3/Ext	4	Y	4r,4w	
91429	Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills	L3/Ext	4	Y	4r,4w	
91430	Conduct geographic research with consultation	L3/Int	5	Y		Y
91431	Analyse aspects of a contemporary geographic issue	L3/Int	3	Y	3r	
91432	Analyse aspects of a geographic topic at a global scale	L3/Int	3	Y	3r	

HISTORY

Level 3

Course Description

This course will consider the impact of empire and colonialism globally and in a range of possible contexts from India, Australia, South Africa, China, New Zealand and others. Students will research and analyse historical debates and contested or controversial events.

Teacher in Charge: S. Powrie

AS		Level	Credit	L1 Lit	UE Lit	Num
91434	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	L3/Int	5	Y	5r	
91435	Analyse an historical event, or place, of significance to New Zealanders	L3/Int	5	Y	5r	
91436	Analyse evidence relating to an historical event of significance to New Zealanders	L3/Ext	4	Y	4r,4w	
91437	Analyse different perspectives of a contested event of significance to New Zealanders	L3/Int	5	Y	5r	
91438	Analyse the causes and consequences of a significant historical event	L3/Ext	6	Y	6r,6w	

TOURISM

Level 3

Course Description

This course enables students to deepen their understanding of how tourism works and its significance for New Zealand, the Pacific Islands and the world. Students do this by examining the economic, environmental and socio-cultural aspects of tourism. This may include: an introduction to career and study options available in tourism; guest speakers and field trips to Kaikoura (two nights) and the Abel Tasman National Park.

Course Costs and Equipment: Donations may be requested to help cover student costs for overnight trips associated with the course.

Teacher in Charge: D. Purdie

US		Level	Credit	L1 Lit	UE Lit	Num
3727	Demonstrate knowledge of Pacific Island countries as visitor destinations	L3/Int	5			
23755	Identify and self-evaluate the demands of a specific role in a tourism workplace	L3/Int	3			
23766	Demonstrate knowledge of the tourism industry	L3/Int	5			
24725	Describe and analyse the economic impact of tourism	L3/Int	4			
24733	Describe and promote a New Zealand tourist destination	L3/Int	5			

TECHNOLOGY

BCONSTRUCTIVE FINE WOOD

Level 1

Course Description

Bconstructive Fine Wood develops skills in design, construction and evaluation and allows students to be creative with wood and challenge their capabilities. Both the standard projects and student's variations build on motivation, decision-making and craftsmanship.

Course Costs and Equipment: Covered shoes are compulsory. All individual projects completed as an extension to the course projects, will be available for purchase by agreement, prior to commencement of construction by students if they wish.

Teacher in Charge: C. Botes

US		Level	Credit	L1 Lit	UE Lit	Num
25920	Use joints for a BCATS project	L1/Int	3			
25919	Use hardware and fastenings for a BCATS project	L1/Int	2			
24356	Apply elementary procedures and processes for a BCATS project	L1/Int	8			
24355	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	L1/Int	4			
24352	Demonstrate and apply knowledge of safe working practices and use PPE during the construction of a BCATS project	L1/Int	2			
2216	Recognise and confirm furniture job specifications	L2/Int	2			

COMPUTER DIGITAL TECHNOLOGIES

Level 1

Course Description

This course is for students who are interested in computational thinking and developing skills in basic planning, programming, web design and the field of Computer Science.

Teacher in Charge: H. Allan

AS		Level	Credit	L1 Lit	UE Lit	Num
91878	Develop a design for a digital outcome	L1/Int	3	Y		
91879	Develop a digital outcome to manage data	L1/Int	4	Y		
91880	Develop a digital media outcome	L1/Int	4	Y		
91883	Develop a computer program	L1/Int	4			
91887	Demonstrate understanding of compression coding for a chosen media type	L1/Ext	3	Y		

COMPUTER STUDIES

Level 1

Course Description

This is a Unit Standard course for students who do not wish to enter the achievement standards course but prefer a more general coverage of various topics. Students will select standards based on their interests from the options available.

Students should be aiming to complete enough standards to gain 16 – 20 credits for the year.

Teacher in Charge: H. Allan

US		Level	Credit	L1 Lit	UE Lit	Num
29769	Use the main features and functions of a word processing application for a purpose	L2/Int	3			
29770	Use the main features and functions of a spreadsheet application for a purpose	L2/Int	3			
29771	Use the main features and functions of a presentation application for a purpose	L2/Int	2			
29773	Produce digital images for a range of digital media	L2/Int	3			
29774	Use the main features and functions of a desktop publishing application to create documents	L2/Int	3			
29776	Use the main features of an HTML editor to create a website	L2/Int	4			
29777	Use the main features and functions of a database application to create and test a database	L2/Int	3			
29779	Create and test a software-controlled device built from components	L2/Int	3			
29781	Use the internet and common digital devices and software to gather information and connect with other users and devices	L2/Int	7			

DESIGN AND CAD TECHNOLOGY

Recommended Prior Learning: A strong desire to utilise technological and theory knowledge as well as skills in a workshop environment and to create designs that display creativity and inventiveness.

Level 1

Course Description

This course is an introduction into CAD, designing and working with wood-based projects. The first project is skill based where the student will follow set procedures, learning a variety of hand skills to produce a finished product. The second unit introduces the students to CAD (Computer Aided Design using SolidWorks) and gives them an opportunity to design (with CAD if they want) and make something in wood for a take home project.

Course Costs and Equipment: Contribution by prior arrangement towards larger projects with take home value may be required. Covered shoes are Compulsory for practical sessions. Access to a computer at home will be required for One Note and CAD assignments.

Teacher in Charge: R. Ringwood

AS		Level	Credit	L1 Lit	UE Lit	Num
91057	Implement basic procedures using resistant materials to make a specified product	L1/Int	6			
91049	Demonstrate understanding of how materials enable technological products to function	L1/Ext	4	Y		
91046	Use design ideas to produce a conceptual design for an outcome to address a brief	L1/Int	6			
91044	Undertake brief development to address a need or opportunity	L1/Int	4	Y		

FOOD AND HOSPITALITY

There is no prior learning required for this course. An interest in the preparation and presentation of food would be an advantage.

Level 1

Course Description

Students investigate basic cookery techniques and issues relating to food to enable them to plan, prepare and present food that is appropriate for a range of people and situations. Food and personal safety and hygiene are developed as part of the kitchen basic routines.

Table service skills are introduced, which may combine with other skills to create a training restaurant. Students are encouraged to participate in catering events within the school environment.

A selection of standards will be offered from the following to a maximum of 22 credits.

Teacher in Charge: Q. Gately

US		Level	Credit	L1 Lit	UE Lit	Num
21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	L1/Int	2			
21058	Identify career pathways in the hospitality industry	L1/Int	2			
19770	Prepare and present egg and cheese dishes in the hospitality industry	L1/Int	3			
15921	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	L1/Int	3			
15919	Prepare and present hot finger food in the hospitality industry	L1/Int	2			
15905	Serve non-alcoholic beverages to tables in the hospitality industry	L1/Int	3			
15901	Prepare and present fruit and vegetables in the hospitality industry	L1/Int	3			
15900	Prepare and present meat in the hospitality industry	L1/Int	4			

GRAPHICS

Level 1

Recommended Prior Learning: Year 10 Graphics

Course Description

This course enables students to have the freedom and choice to focus on the design and development of ideas and creativity in a range of areas. Students will utilise skills including graphic techniques and computer applications in Architectural/Spatial Design –The development and design of a product in the style of an influential designer of choice.

A selection of standards will be offered.

Teacher in Charge: K. Cleary

AS		Level	Credit	L1 Lit	UE Lit	Num
91068	Undertake development of design ideas through graphics practice	L1/Int	6			
91067	Use the work of an influential designer to inform design ideas	L1/Int	3			
91066	Use rendering techniques to communicate the form of design ideas	L1/Int	3			
91065	Produce instrumental paraline drawings to communicate design ideas	L1/Ext	3			Y
91064	Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas	L1/Ext	3			Y
91063	Produce freehand sketches that communicate design ideas	L1/Ext	3			

MECHANICAL ENGINEERING

Level 1

Course Description

This is an introductory level broad based engineering course. Students will gain precision marking out skills, learn to fabricate a metal toolbox, and making a variety of hand tools while learning the basics on the lathe, milling machine, pedestal drill, aluminum casting and bench skills.

Course Equipment: Covered shoes are compulsory.

Teacher in Charge: R. Ringwood

US		Level	Credit	L1 Lit	UE Lit	Num
22926	Demonstrate knowledge of safety procedures in a specific engineering workshop	L1/Int	2			
22923	Demonstrate basic engineering workshop skills under close supervision	L1/Int	12			
4436	Select, use, and care for engineering marking-out equipment	L2/Int	3			
4433	Select, use, and care for simple measuring devices used in engineering	L1/Int	2			
2432	Manually construct plane geometric shapes for engineering	L2/Int	3			

AUTOMOTIVE ENGINEERING

Level 2

Course Description

This course is aimed at students who want to gain a basic understanding of the principles and concepts involved in automotive engineering. The course will cover topics such as: safe work practices; knowledge of vehicle systems; cleaning automotive parts; knowledge of hand tools and workshop equipment used in the automotive industry; and disassembly and re-assembly of engines.

Course Equipment: Covered shoes are compulsory.

Teacher in Charge: J. Classen

US		Level	Credit	L1 Lit	UE Lit	Num
21859	Select and use hand tools and workshop equipment for an automotive application	L2/Int	4			
21688	Demonstrate knowledge of disassembling and reassembling a four stroke multi-cylinder engine	L2/Int	3			
21669	Demonstrate knowledge of hand tools and workshop equipment for motor industry applications	L2/Int	2			
21668	Demonstrate knowledge of cleaning automotive components	L2/Int	2			
16113	Demonstrate knowledge of safe working practices in an automotive workshop	L2/Int	2			
242	Change the fluid and bleed a brake hydraulic system	L2/Int	2			
239	Demonstrate knowledge of automotive manual transmissions	L2/Int	3			
229	Identify the general locations and functions of motor vehicle systems and main components	L2/Int	4			

COMPUTER DIGITAL TECHNOLOGIES

Level 2

Recommended Prior Learning: Study in Level 1 CDT is recommended but not essential. Students who have not previously studied Computer Digital Technologies may be admitted to Level 2 at the discretion of the TIC. A high level of literacy is required

Course Description

This course is for students who are interested in extending the skills and knowledge they gained in year 11. The course involves computational thinking and developing skills in planning, programming, web design and the field of Computer Science.

Teacher in Charge: H. Allan

AS		Level	Credit	L1 Lit	UE Lit	Num
91891	Apply conventions to develop a design for a digital technologies outcome	L2/Int	3	Y		
91893	Use advanced techniques to develop a digital media outcome	L2/Int	4			
91896	Use advanced programming techniques to develop a computer program	L2/Int	6			
91897	Use advanced processes to develop a digital technologies outcome	L2/Int	6			
91898	Demonstrate understanding of a computer science concept	L2/Ext	3	Y		
91899	Present a summary of developing a digital outcome	L2/Ext	3	Y		

COMPUTER STUDIES

Level 2

Course Description

This is a Unit Standard course for students who do not wish to enter the achievement standards course but prefer a more general coverage of various topics. Students will select standards based on their interests from the options available.

Students should be aiming to complete enough standards to gain 16 – 20 credits for the year.

Teacher in Charge: H. Allan

US		Level	Credit	L1 Lit	UE Lit	Num
29769	Use the main features and functions of a word processing application for a purpose	L2/Int	3			
29770	Use the main features and functions of a spreadsheet application for a purpose	L2/Int	3			
29771	Use the main features and functions of a presentation application for a purpose	L2/Int	2			
29773	Produce digital images for a range of digital media	L2/Int	3			
29774	Use the main features and functions of a desktop publishing application to create documents	L2/Int	3			
29776	Use the main features of an HTML editor to create a website	L2/Int	4			
29777	Use the main features and functions of a database application to create and test a database	L2/Int	3			
29779	Create and test a software-controlled device built from components	L2/Int	3			
29781	Use the internet and common digital devices and software to gather information and connect with other users and devices	L2/Int	7			

DESIGN AND CAD TECHNOLOGY

Recommended Prior Learning: Minimum 8 credits in both literacy and numeracy or 12 credits in technology. Experience in Design Technology necessary with a strong desire to be creative using technological knowledge and skills in the workshop environment.

Level 2

Course Description

This course is project based and covers design and manufacturing in a material of your choice. You will be designing and building a product for yourself, a close friend or a member of your family. During the design process you will need regular meetings with your Stakeholders regarding your designs and how they may need developing to become fit for purpose. The product you develop and make must not be a direct copy of an existing product. This is a design course so there needs to be an element of personal design throughout the development and production of the final item. Throughout the course you will be developing your Computer Aided Design (Solid Works) skills. You will be expected to use this when modelling the designs in your final presentation to the stakeholders including a 3D printed model (where appropriate). You will also use CAD to produce your working drawings.

Course Costs and Equipment: Contribution by prior arrangement towards larger projects with take home value may be required. Covered shoes are compulsory for practical sessions. Access to a computer at home will be required for One Note and CAD assignments.

Teacher in Charge: R. Ringwood

AS		Level	Credit	L1 Lit	UE Lit	Num
91359	Demonstrate understanding of the role of material evaluation in product development	L2/Ext	4	Y		
91356	Develop a conceptual design for an outcome	L2/Int	6			
91354	Undertake brief development to address an issue	L2/Int	4	Y		
91344	Implement advanced procedures using resistant materials to make a specified product with special features	L2/Int	6			

FOOD AND HOSPITALITY

Level 2

Recommended Prior Learning: To achieve credits in the Cookery strand at Level 2 or higher there is a prerequisite in place that learners must have Unit Standard 167 - Food Safety.

Course Description

The aim of this course is to prepare students with entry level skills for either work or study in the hospitality area. Students will gain an understanding of the hospitality industry and gain a wide range of food safety, personal hygiene and practical cookery skills. An emphasis for this course is on learning a variety of cookery methods and developing food safety skills that industry requires. There will be opportunities to participate in catering events during the year.

A selection of standards will be offered from the following to a maximum of 22 credits.

Teacher in Charge: Q. Gately

US		Level	Credit	L1 Lit	UE Lit	Num
22234	Compare characteristics of international dishes and prepare and present international dishes	L2/Int	4			
13283	Prepare and present salads for service	L2/Int	2			
13281	Prepare and present basic sandwiches for service	L2/Int	2			
13276	Cook food items by grilling	L2/Int	2			
13272	Cook food items by baking	L2/Int	2			
13271	Cook food items by frying	L2/Int	2			
167	Practise food safety methods in a food business under supervision	L2/Int	4			
17285	Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision	L2/Int	4			

GRAPHICS

Level 2

Recommended Prior Learning: Level 1 Graphics.

Course Description

This course enables students to utilise a range of skills including graphic techniques and computer applications. They will challenge existing knowledge to review, refine and describe creative ideas in Architectural and Spatial Design through the development and design of a Modular Architectural building, and a product related to 'The Kitchen'. As well as an in depth study of a design Movement or Era.

Teacher in Charge: K. Cleary

AS		Level	Credit	L1 Lit	UE Lit	Num
91342	Develop a product design through graphics practice	L2/Int	6			
91341	Develop a spatial design through graphics practice	L2/Int	6	Y		
91340	Use the characteristics of a design movement or era to inform own design ideas	L2/Int	3	Y		
91339	Produce instrumental perspective projection drawings to communicate design ideas	L2/Ext	3			
91337	Use visual communication techniques to generate design ideas	L2/Ext	3			

INDUSTRIAL ENGINEERING

Level 2

Recommended Prior Learning: Minimum 8 credits in both literacy and numeracy or 12 credits in a technology subject.

Course Description

This course is designed to enhance and build on the skills learnt in Level 1 Mechanical Engineering. Through fabrication, machining, aluminium casting and using oxyacetylene gas equipment, students will be producing an engine which will run off steam or compressed air. The options are a Stationary engine or a Traction engine, both of which are based on the original Mamod designs.

Course Equipment: Covered shoes are compulsory.

Teacher in Charge: R. Ringwood

US		Level	Credit	L1 Lit	UE Lit	Num
2395	Demonstrate and apply knowledge of the selection, use, and care of engineering hand tools	L2/Int	4			
2433	Produce engineering component drawings using CAD software	L2/Int	6			
32053	Demonstrate knowledge of and apply good work practices when performing machining operations in MaPS environment	L2/Int	7			
32055	Demonstrate knowledge of and apply good work practices when performing simple fabrication operations in MaPS environment	L2/Int	7			

INDUSTRIAL SKILLS WOOD TECHNOLOGY

Level 2

Recommended Prior Learning: Students who have not yet reached 10 credits in level 1 Wood, Metal or Level 2 & 3 Design Technology, will be required to interview with the TIC prior to approval. If approved they will be encouraged to complete the units that have not yet been achieved, before continuing onto Level 2 standards.

Course Description

Students will be instructed in the safe use of tools and machinery enabling them to design and construct a range of projects in a range of materials using industry practices. Standards will be selected from a range available including BCITO, B/Constructed and Competenz, appropriate to the learning level and needs of individual students.

* LEVEL 2 Standards will be selected and offered.

Course Costs and Equipment: Covered shoes are compulsory. The course will be in co-operative learning groups, working together on set projects. These projects will be sold to cover course costs and/or be available for purchase by students if they wish. There is also an option for an individual project. A budget will be written up by the student and all costs must be met prior to building it.

Teacher in Charge: C. Botes

US		Level	Credit	L1 Lit	UE Lit	Num
18918	Construct a furniture carcass	L2/Int	6			
18917	Construct hand joints for furniture	L2/Int	3			
18915	Use fixing hardware in furniture making	L2/Int	3			
14995	Construct free-hand drawings for use in furniture making	L2/Int	4			
2199	Use and maintain hand tools for furniture making	L2/Int	4			

TRADE BUILDING - ONE OPTION COURSE

Level 2

Course Description

This course is designed for students who seek involvement in the building and construction industry as a future career pathway. Building and construction unit standards that count toward Level 2 NCEA will be delivered.

* This is a single option subject (4 hours per week) for students who are not undertaking the 8 hour Trade Building option.

Course Costs and Equipment: Safety gear and tools are provided. Students are expected to have their own boots which must be worn in all practical lessons and site visits. Theory will be completed and assessed in a digital format.

Teacher in Charge: P. Daubney

US		Level	Credit	L1 Lit	UE Lit	Num
25921	Make a cupboard with a drawer as a BCATS project	L2/Int	6			
24354	Demonstrate knowledge of health and safety legislation and apply safe working practices in a BCATS environment	L2/Int	4			
24350	Identify, select, use and maintain portable power tools for BCATS projects	L2/Int	6			
22607	Read and interpret plans, working drawings and specifications for BCATS projects	L2/Int	3			
12932	Construct timber garden furniture as BCATS projects	L2/Int	8			
12927	Demonstrate knowledge of, select, maintain, and use, hand tools for BCATS projects	L2/Int	6			

TRADE BUILDING - TWO OPTION COURSE 8 HRS

Level 2

Recommended Prior Learning: An interview process will apply.

Course Description

This is a course designed for Year 12 students who seek involvement in the building and construction industry as a future career path. Building and construction unit standards that count toward Level 2, NCEA will be delivered. Students will be exposed to a variety of processes and conditions typically encountered in the building trade and practical building work will take place in the Nelson College Trade Centre. Industry visits are incorporated into the course.

* This is a double option subject (8 hours per week) and takes up two option lines.

Course Costs and Equipment: Safety gear and tools are provided. Students are expected to have their own boots which must be worn in all practical lessons and site visits.

Teacher in Charge: P. Daubney

US		Level	Credit	L1 Lit	UE Lit	Num
25330	Demonstrate knowledge of the joinery industry within a BCATS environment	L2/Int	2			
25319	Demonstrate knowledge of the carpentry industry within a BCATS environment	L2/Int	2			
24358	Plan and monitor the construction of a BCATS project, and quality check the product	L2/Int	3			
24357	Receive instructions and communicate information in relation to BCATS projects	L2/Int	4			
24354	Demonstrate knowledge of health and safety legislation and apply safe working practices in a BCATS environment	L2/Int	4			
24353	Demonstrate knowledge of and create sketches and drawings for BCATS projects	L2/Int	6			
24350	Identify, select, use and maintain portable power tools for BCATS projects	L2/Int	6			
22607	Read and interpret plans, working drawings and specifications for BCATS projects	L2/Int	3			
12936	Construct a non-consent timber framed utility building as a BCATS project	L2/Int	8			
12932	Construct timber garden furniture as BCATS projects	L2/Int	8			
12927	Demonstrate knowledge of, select, maintain, and use, hand tools for BCATS projects	L2/Int	6			

AUTOMOTIVE ENGINEERING - ONE OPTION COURSE

Level 3

Course Description

This is a course designed for Year 13 students who seek involvement in the Automotive and Engineering industry as a future career path. Automotive as well as Engineering standards will be delivered. Skills common to both industries such as safe use of machinery, hand tools and MIG welding will be included.

The students will construct Grass Karts in small groups and be able to race them in the local inter-school competition.

* This is a single option subject (4 hours) for students who are not undertaking the 8 hour Automotive Engineering option.

Course Equipment: Covered shoes are compulsory.

Teacher in Charge: J. Classen

US		Level	Credit	L1 Lit	UE Lit	Num
23992	Use a gas metal arc welding (GMAW) plant in the motor and related industries	L3/Int	3			
22908	Demonstrate and apply knowledge of manually controlled machining operations	L3/Int	10			
3856	Identify emergency procedures in the motor and related industries	L3/Int	2			

AUTOMOTIVE ENGINEERING - TWO OPTION COURSE 8HRS

Level 3

Course Description

This is a course designed for Year 13 students who seek involvement in the Automotive and Engineering industry as a future career path. Automotive as well as Engineering standards will be delivered. Skills common to both industries such as safe use of machinery, hand tools and MIG welding will be included. Topics such as: knowledge of vehicle systems, setting up steering, brakes and gear ratios. The students will construct Grass Karts in small groups and be able to race them in the local inter-school competition.

Course Equipment: Covered shoes are compulsory.

Teacher in Charge: J. Classen

US		Level	Credit	L1 Lit	UE Lit	Num
23992	Use a gas metal arc welding (GMAW) plant in the motor and related industries	L3/Int	3			
22908	Demonstrate and apply knowledge of manually controlled machining operations	L3/Int	10			
21910	Interpret mechanical engineering drawings	L3/Int	5			
20799	Demonstrate knowledge of common engineering metals	L3/Int	4			
4797	Demonstrate knowledge of the composition of common engineering metals	L3/Int	5			
3856	Identify emergency procedures in the motor and related industries	L3/Int	2			
2678	Join steel using the oxyacetylene welding process	L3/Int	3			

COMPUTER DIGITAL TECHNOLOGIES

Level 3

Recommended Prior Learning: Previous study in Level 2 Computer Digital Technologies is recommended or students may be admitted at the discretion of the TIC. A high level of literacy is required.

Course Description

This course is for students who wish to continue extending the skills and knowledge they gained in previous years. The course involves computational thinking and developing advanced skills in planning, programming, databases, web design and the field of Computer Science.

Teacher in Charge: H. Allan

AS		Level	Credit	L1 Lit	UE Lit	Num
91902	Use complex techniques to develop a database	L3/Int	4			
91903	Use complex techniques to develop a digital media outcome	L3/Int	4			
91906	Use complex programming techniques to develop a computer program	L3/Int	6			
91908	Analyse an area of computer science	L3/Ext	3	Y	3w	

COMPUTER STUDIES

Level 3

Course Description

This is a Unit Standard course for students who do not wish to enter the achievement standards course but prefer a more general coverage of various topics. Students will select standards based on their interests from the options available. Students should be aiming to complete enough standards to gain 16 – 20 credits for the year. This is a developing course so more options/standards may be added during the year.

Teacher in Charge: H. Allan

US		Level	Credit	L1 Lit	UE Lit	Num
29785	Use a word processing application to integrate images, spreadsheet and database data into documents	L3/Int	4			
29786	Produce a spreadsheet for organisational use	L3/Int	3			
29787	Produce and use a database to provide a solution for organisational use	L3/Int	3			
29788	Develop and evaluate an interactive website for organisational use	L3/Int	5			
29789	Use a presentation application to produce an interactive multimedia presentation	L3/Int	3			
29791	Capture and prepare digital media for integration into other applications	L3/Int	2			

DESIGN AND CAD TECHNOLOGY

Level 3

Recommended Prior Learning: Experience in Design Technology necessary with a strong desire to be creative using technological knowledge and skills in the workshop environment Minimum 8 credits in numeracy and literacy or 12 in Technology.

Course Description

This course is based on designing, modelling and presenting your ideas to a client of your choice or one supplied by the school. With the approval of your design, you will manufacture the design to meet client specifications. This is an academic course which leads on to university and a degree in design, engineering and manufacturing. You will be expected to use CAD throughout the design process and in the presentation to your client. This will include 3D images, 2D working drawings, 3D animation and 3D printed models (where appropriate).

Course Equipment: Covered shoes are compulsory. Access to a computer at home will be required for One Note and CAD assignments.

Teacher in Charge: R. Ringwood

AS		Level	Credit	L1 Lit	UE Lit	Num
91620	Implement complex procedures to integrate parts using resistant materials to make a specified product	L3/Int	6			
91613	Demonstrate understanding of material development	L3/Ext	4	Y	4r,4w	
91610	Develop a conceptual design considering fitness for purpose in the broadest sense	L3/Int	6	Y		
91608	Undertake brief development to address an issue within a determined context	L3/Int	4	Y		

FOOD AND HOSPITALITY

Level 3

Recommended Prior Learning: Students are required to have completed 167 Food Safety Unit Standard to enter this course or by prior arrangement.

Course Description

The aim of this course is to develop and extend students' understanding of and interest in the Food and Hospitality industry. Students will have the opportunity to become familiar with the knowledge, skills and techniques required to produce a range of food and beverage consistent with industry standards, and demonstrate these skills to create a product suitable for sale. Catering events will be carried out during the year which students will be required to participate in.

Teacher in Charge: Q. Gately

US		Level	Credit	L1 Lit	UE Lit	Num
13282	Prepare, assemble, and present complex sandwiches for service in a commercial kitchen	L3/Int	2			
13331	Prepare and cook pickles, chutneys, and preserves in a commercial kitchen	L3/Int	4			
13343	Demonstrate knowledge of nutrition in commercial catering	L3/Int	5			
18497	Demonstrate knowledge of culinary products, terms, and food preparation methods	L3/Int	8			

GRAPHICS

Level 3

Recommended Prior Learning: Level 2 Graphics.

Course Description

This course enables students to focus on the design areas that they can pursue at tertiary level. They will utilise a range of skills including graphic techniques and computer applications to analyse and reinterpret creative ideas and thinking in Architectural/ Spatial and Product Design related to 'The Great Taste Trail'.

Teacher in Charge: K. Cleary

AS		Level	Credit	L1 Lit	UE Lit	Num
91631	Produce working drawings to communicate production details for a complex design	L3/Ext	6			
91629	Resolve a spatial design through graphics practice	L3/Int	6			
91628	Develop a visual presentation that exhibits a design outcome to an audience	L3/Int	6			
91627	Initiate design ideas through exploration	L3/Ext	4			

INDUSTRIAL ENGINEERING

Level 3

Recommended Prior Learning: Year 11 or Year 12 Engineering or Design Technology.

Course Description

This course will further enhance the student's ability to manufacture and assemble components to a high standard. The students will start the year continuing to develop their skills in CAD (Computer Aided Design - SolidWorks), creating 3D components, 2D instrumental drawings and assembly drawings of the Stirling engine, which they will be producing in term 2, 3 and 4.

Students will be given the opportunity to manufacture and produce a project from a choice of a Stirling engine or a Steam engine.

Course Equipment: Covered shoes are compulsory.

Teacher in Charge: R. Ringwood

US		Level	Credit	L1 Lit	UE Lit	Num
32054	Produce components by performing engineering machining operations in MaPS environment	L3/Int	7			
20802	Produce detailed two-dimensional engineering drawings using CAD software under supervision	L3/Int	6			
2436	Create three-dimensional engineering models using CAD software under supervision	L3/Int	5			

INDUSTRIAL SKILLS WOOD TECHNOLOGY

Level 3

Recommended Prior Learning: Students who have not yet reached 10 credits in level 1 Wood, Metal or Level 2 & 3 Design & Technology, will be required to interview with the TIC prior to approval. If approved, they will be encouraged to complete the units that have not yet been achieved, before continuing onto Level 2 standards.

Course Description

Students will be instructed in the safe use of tools and machinery enabling them to design and construct a range of projects in a range of materials using industry practices. Standards will be selected from a range available including BCITO, B/Constructed and Competenz appropriate to the learning level and needs of individual students.

* LEVEL 3 Standards will be selected and offered.

Course Costs and Equipment: Covered shoes are compulsory. The course will be in co-operative learning groups, working together on set projects. These projects will be sold to cover course costs and/or be available for purchase by students if they wish. There is also an option for an individual project. A budget will be written up by the student and all costs must be met prior to building it.

Teacher in Charge: C. Botes

US		Level	Credit	L1 Lit	UE Lit	Num
25572	Demonstrate knowledge of hardware used in furniture making and its application	L3/Int	6			
25562	Fit doors to a cabinet using adjustable hinges	L3/Int	3			
25559	Assemble solid wood show wood shelving units	L3/Int	4			
25557	Assemble and fit traditional drawers to a cabinet using wooden runners	L3/Int	4			
14998	Construct isometric and oblique drawings for use in furniture making	L3/Int	4			
14997	Construct perspective drawings for use in furniture making	L3/Int	6			
14996	Construct working drawings for use in furniture making	L3/Int	6			
9792	Operate a dovetailing machine to dovetail wooden drawers	L3/Int	2			

TRADE BUILDING - TWO OPTION COURSE 8 HRS

Level 3

Recommended Prior Learning: An interview process will apply.

Course Description

This is a course designed for Year 13 students who seek involvement in the building and construction industry as a future career path. Building and construction unit standards that have been developed for schools by the Building Construction Industry Training Organisation will be delivered and count towards Level 3, NCEA. Students will be exposed to a variety of processes and conditions typically encountered in the building trade and practical building work will take place in the Nelson College Trade Centre. Industry visits are incorporated into the course. This is a double option subject (8 hours per week) and takes up two option lines.

Course Costs and Equipment: Safety gear and tools are provided. Students are expected to have their own boots which must be worn in all practical lessons and site visits. Theory will be completed and assessed in a digital format.

Teacher in Charge: P. Daubney

US		Level	Credit	L1 Lit	UE Lit	Num
29684	Undertake a Stage 3 BCATS project	L3/Int	12			
29683	Incorporate other building, construction and allied trades into a Stage 3 BCATS project schedule	L3/Int	2			
29682	Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project	L3/Int	4			
29681	Measure and calculate for a Stage 3 BCATS project	L3/Int	3			
29680	Communicate and work collaboratively in a Stage 3 BCATS project	L3/Int	5			
29679	Develop and use BCATS project documentation for a Stage 3 BCATS project	L3/Int	8			
29678	Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project	L3/Int	4			
29677	Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment	L3/Int	2			

CAREERS TRANSITION / PRE-EMPLOYMENT

VOCATIONAL PATHWAYS & EDUCATION

Level 1

Course Description

This is a Level 1 Unit Standards course. It offers students a chance to consider career options and to develop employability skills alongside life skills. Individual pathways and needs are considered. The standards below are examples of what is available. Students should expect to be able to gain 20 credits over the year in this class.

Teacher in Charge: V. Heays

US		Level	Credit	L1 Lit	UE Lit	Num
4249	Describe obligations as an employee	L1/Int	3			
4248	Describe requirements and expectations faced by employees within the workplace	L1/Int	3			
3503	Communicate in a team or group to complete a routine task	L1/Int	2			
1978	Describe basic employment rights and responsibilities, and sources of information and/or assistance	L1/Int	3			
1293	Be interviewed in an informal, one-to-one, face-to-face interview	L1/Int	2			
543	Work in a new workplace	L1/Int	3			
497	Demonstrate knowledge of workplace health and safety requirements	L1/Int	3			
496	Produce, implement, and reflect on a plan to improve own personal wellbeing	L1/Int	3			

VOCATIONAL PATHWAYS & EDUCATION

Level 2

Course Description

This is a Level 2 Unit Standards course aimed at students who are considering a vocational pathway. It provides students a chance to consider career options, develop employability skills, gain an understanding of the world of work and develop some life skills.

Standards on offer are flexible and where possible will cater to each student's chosen pathway. In addition to this students will develop practical skills such as CV writing, interviewing, career planning and some basic financial literacy skills. Where students demonstrate work readiness/basic employability skills they will be offered work experience opportunities. The standards below are indicative ONLY of what is available. Students can expect to be offered 20 credits in this class.

Teacher in Charge: V. Heays

US		Level	Credit	L1 Lit	UE Lit	Num
1294	Be interviewed in a formal interview	L2/Int	2			
4252	Produce a personal targeted CV (curriculum vitae)	L2/Int	2			
4253	Demonstrate knowledge of job search skills	L2/Int	3			
4261	Identify legal rights and obligations in relation to motor vehicle ownership and operation	L2/Int	3			
12354	Describe legal implications of living in rented accommodation and means to prevent and resolve related problems	L2/Int	4			
12383	Explore career options and their implications	L2/Int	3			
30907	Demonstrate knowledge in relation to the New Zealand Police Nga Pirihi mana o Aotearoa in the community	L2/Int	3			

VOCATIONAL PATHWAYS & EDUCATION

Level 3

Course Description

This is a US Level 3 course and the content is targeted at students who are wishing to pursue a vocational pathway. It offers students a chance to consider career options, gain a more in depth understanding of the world of work and develop their employability skills through content developed by the NZ Youth Employability Programme. Specifically it aims to develop: positive attitude, communication, team work, self management, willingness to learn, thinking skills and resilience in the context of being an employee.

Standards on offer are flexible and where possible will cater to each student's chosen pathway. In addition to this students are offered health and safety in the workplace training, interview skills, and basic financial planning skills. It is expected that each student will engage in a minimum of 10 days work experience and 4 hours of voluntary work in the community. The standards below are indicative ONLY of what is available. Students can expect to be offered 20 credits in this class.

Teacher in Charge: V. Heays

US		Level	Credit	L1 Lit	UE Lit	Num
30906	Plan and engage in an activity intended to benefit the community	L3/Int	6			
28099	Analyse credit options and select strategies to manage personal finances	L3/Int	3			
28098	Evaluate options to increase personal income	L3/Int	3			
9681	Contribute within a team or group which has an objective	L3/Int	3			
1980	Describe, from an employee perspective, ways of dealing with employment relationship problems	L3/Int	3			
1296	Interview in informal situations	L3/Int	3			

GATEWAY PROGRAMME

Level 2 & 3

Course Description

This Gateway Programme is offered to selected students from Year 13 and Year 12 (if there are places available) and is run through the Careers classes offered at Year 13 and Year 12. To enter this programme students must APPLY and be ACCEPTED into this programme. The Gateway programme gives students the opportunity to blend school study with workplace learning and experience. The programme delivers a "hands on" approach to learning that can lead to nationally recognised industry qualifications in the vocational pathways students are interested in pursuing. Standards are Industry based and/or delivered through the Year 13 or Year 12 Vocational Pathways classes and are based on the needs of students. Approximately 10 days voluntary work experience is a compulsory aspect of the Gateway Programme.

Contacts: Ms V Heays and Mrs C Phillips (GATEWAY co-ordinator)

TOP OF THE SOUTH TRADES ACADEMY (TOTSTA) PROGRAMME

Level 2 & 3

Applications for these courses close in October 2022 for the 2022 year. Places are strictly limited to 20 students across Year 12 and Year 13. See your Trades Academy Co-ordinator at the Careers Hub.

Course Description

The Top of the South Trades Academy TOTSTA offers 16 different courses that provide training for students off-site at either NMIT or Whenua Iiti. These courses are designed for students who want to remain at school, but are also wanting to gain some vocational (trades) training. Courses are offered at NCEA Level 2 and Level 3. Each course offers around 20 credits.

This course works best in conjunction with our Year 12 or Year 13 Vocational Pathways classes. Enrolment does not guarantee acceptance. All applicants are interviewed to ascertain their suitability for TOTSTA courses based on their history of attendance, attitude and their ability to commit to these programmes.

The NMIT courses are run every Friday from February through to October, these included courses like Health and Support Services, Sport and Exercise, Automotive eVolocity etc.

The Whenua Iiti courses are 16 days each course, these are held 4 times throughout the first or second half of the year and each consists of 4 day + 3 night blocks, these include Emergency and Response, Environmental Science, Cellar Operations etc.

The dates are set in advance, students are required to attend all of the 4 weeks to complete the credits.

All courses are FREE

Enrol Online or you can do this with Mrs Phillips in the Careers office if you prefer.

Teacher in Charge: C. Phillips

Career Education at Nelson College

Nelson College has a school wide, integrated, culturally responsive careers programme that enables students to achieve their potential and be a positive contributor to the community and nation as a whole. This programme supports students to self-manage their learning to enable them to successfully transition from school into further study or work.

The Career Education Plan focuses on the development of career management competencies which will enable students to build their:

- self-awareness skills, in particular their strengths and interests
- knowledge about a range of careers and pathways and identify possibilities and opportunities
- understanding of consequences of choices and decisions
- ability to make plans and to take action.

The Careers Team at Nelson College

Services

The Careers team at Nelson College provides a range of services, opportunities and experiences that encourage students to make informed choices about their future career pathways:

- Career education programmes for each year level
- Individual or group careers counselling (parents are welcome to attend)
- Gateway Programme for senior students
- Secondary Tertiary Alignment Resource (STAR)
- Trades Academy programmes
- Interview skills, CV writing
- Preparation for applications to University or Polytechnics
- Subject selection advice
- Annual Careers Roadshow
- Provision of specialist speakers from industry or tertiary institutes to provide career information to students
- Tertiary scholarship advice
- Work exploration/shadowing
- specialist programmes for Maori and Pasifika from outside providers
- StudyLink and IRD information sessions

The Careers team work with teachers, Deans and guidance staff.



Top of the South Trades Academy (TOTSTA)

The Top of the South Trades Academy was set up to help secondary students succeed. The goal is to give students:

- more reason to stay at school
- a greater chance of career success
- an easy transition into work or tertiary education straight from school

The Academy is a partnership between secondary schools such as Nelson College across the Top of the South, the Nelson Marlborough Institute of Technology (NMIT), and Whenua iti Outdoors.

More information is available on the TOTSTA website.

Enquiries to the Trades Academy Coordinator, Nelson



Gateway Programme

The Gateway programme gives students the opportunity to blend school study with workplace learning and experience. The programme delivers a "hands on" approach to learning. Students are selected from Year 13 and Year 12 vocational pathways and education classes based on the individual needs of the student.

Gateway is a government funded programme designed to strengthen the pathway for students to progress from school to workplace learning. It provides students with structured workplace learning across a range of industries and businesses in our region while students continue to study at school. Gateway builds students' employability skills, helping them move smoothly from school to the workplace.

Enquiries to the Gateway Coordinator, Nelson College

THE WIDER CURRICULUM

Apart from the subjects and courses listed for each year level in the Course Overview Chart, other programmes are offered as part of the total curriculum of the school and these are described below. Some are integrated into the year's programme and all students take them. Others are on an optional basis (eg sports, musical productions).

Gifted and Talented and Highly Motivated Students

Throughout the year a variety of opportunities targeting the needs of Gifted and Talented and Highly Motivated students will be offered. This will occur both as part of class programmes and as activities outside of regular class time and not limited to the Enrichment classes or students.

Music Tuition and Performances

All students are encouraged to participate in the music life of the college. We collaborate with Nelson College for Girls on two large ensembles which are the string orchestra and concert band. As well as these ensembles we provide opportunities for students to partake in choir, jazz band, jazz combo, chamber music groups, rock bands and saxophone quartet. Individual students are invited to perform at the two concerts during the year and at other music events such as the Nelson Arts Festival, concerts at other venues and during assembly to the college.

Outdoor Education - The Mataki Experience

All Year 10 students attend a week long camp at Mataki Lodge. This camp provides an introductory outdoor experience in this spectacular mountainous area (essentially Nelson Lakes National Park). Senior outdoor education options and field work in selected subjects in the senior school will provide students with the opportunity to build on these experiences.

Overseas Trips

A number of subject areas and sports codes offer students the opportunity of broadening their education by travelling overseas. Recent and upcoming examples of such expeditions are:

- Japanese language students to Japan
- FPS to USA
- Peru
- Eastern Europe

Students are expected to participate actively in fundraising and essentially raise their own travel funds but the effort is well worth it for the fun and unique experiences gained.

School Productions

Students have the opportunity to engage in a wide range of theatre, drama and dance events including but not exclusive to: Sheilah Winn Shakespeare Festival, Laugh Nelson, Showquest, Theatresports Competition and Vast Dance. Senior Drama classes also produce full class productions every year.

Regular large-scale musical and dramatic productions with Nelson College for Girls have included, Chicago, Grease, Fame, Romeo & Juliet, MacBeth and Witches of Eastwick, with students involved on stage and behind the scenes.

Sport

A wide range of sports is offered by the school. The first point of contact for any general enquiries about sport in the school is the Sports Co-ordinator Alethea Stove. Teams usually participate in locally run competitions with other secondary schools and through sports exchanges. There is usually a fee to cover cost of venue hire, uniforms, affiliations and transport to venues.

The school holds annual athletics, cross-country and swimming sports events where inter-house competition features prominently. Many sports codes participate in junior and senior inter-house competition.

Nelson College has a proud record of achievement at national secondary school level in a number of codes. These "first" teams demand an extra commitment from their members in terms of time, money and effort but the benefits are substantial.

At present the following sports and recreational activities are offered as school and/or house activities:

Archery	Hockey	Snowboarding
Athletics	Indoor Cricket	Softball
Badminton	Inline Hockey	Squash
Basketball	Karate	Swimming
Beach Volleyball	Ki-o-Rahi	Table Tennis
Boxing	Lawn Bowls	Tennis
Cricket	Mountain Biking	Touch
Croquet	Multi Sport	Triathlon
Cross Country	Rowing	Ultimate Frisbee
Cycling	Rugby	Underwater
Football	Sailing	Hockey
Futsal	Shooting	Volleyball
Golf	Skiing	

Cultural and 'Club' Groups

Brass Ensemble	Piano Chamber
Chess	Music Group
Choir	Rockquest
Debating	Speech
FPS National Competition	Saxophone Quartet
Inter-school Christian Fellowship	String Group
Jazz Band	Shakespeare Festival
Kapa Haka group	Theatre Sports
Ngā Manu Kōrero	Vast Dance Festival
Pacific Island Cultural Group	Showquest



NELSON COLLEGE

TE KURA TAMATĀNE O WHAKATŪ

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