



Piopio College

NCEA Level 3

Course

Selection Guide

for 2023

Introduction

This Course Handbook provides you with information about the senior courses available at Piopio College. To choose your courses you should talk to your Subject Teachers, Curriculum Leaders, Whanau Teachers and Careers Staff to find what subjects are most suitable for you.

Ask yourself: (student checklist)

- Do I have the ability to study this subject?
- Do I enjoy this subject?
- Do I have the prerequisites I need to study this subject?
- Is this subject going to help me achieve my goals and promote my career pathway?

Compulsory subjects

All Year 11, 12 and 13 students study SIX subjects.

YEAR 11/NCEA LEVEL 1

English, Mathematics, a Science and Physical Education are compulsory for all students.

YEAR 12/NCEA LEVEL 2

If you are intending to go on to further study at University, English is compulsory at Year 12.

Otherwise English or Practical English are highly recommended, but not compulsory.

YEAR 13/NCEA LEVEL 3

There are no compulsory subjects at Year 13. However, to achieve the University Entrance qualification you must take at least three University Approved subjects.

Year 13s may have one line of Supervised Study if they are following an Academic (predominantly Achievement Standards based) course.

COURSE FEES: Please note that some courses have fees for materials. You are expected to pay the fees before being given the course materials.

Prerequisites

There are prerequisites for some courses. A prerequisite is the minimum level of achievement that you must have reached, before selecting the course as an option.

Standards and assessments

STANDARDS are parts of courses. Each standard is assessed and you can gain credits.

Achievement standards can be assessed:

- internally (assignments in class; assignments for homework; projects; practical tasks)
- or
- externally (end of year exams or portfolios etc).

Unit standards are assessed - internally (assignments in class; assignments for homework; projects; practical tasks)

AS = achievement standards / US = unit standards

Achievement standards and unit standards are worth **credits**. All of these credits count towards NCEA qualifications. All subjects at each level show the standards that may be included in 2023. You will be given a Course outline showing the standards for each subject at the beginning of next year.

NCEA and University Entrance

The qualifications students study towards are:

- NCEA Level One
- NCEA Level Two
- NCEA Level Three
- University Entrance.

The requirements for these qualifications are below

To gain **NCEA Level 1**, a student needs a minimum of 80 credits.

- At least 10 credits must be numeracy.
- At least 10 credits must be literacy.
- The general rule is that to gain automatic entry to the next year level in a particular course, a student needs to gain 16 credits.

Achievement standards can be gained as Achieved, Merit, or Excellence.

Gaining 14 or more credits in a subject at Merit gains a Merit endorsement in that subject, 14 Excellence gains an Excellence Endorsement. Gaining 50 or more credits at Merit or Excellence gains a Level 1 Merit or Excellence Endorsement.

Moving Up:

Provided you have gained at least 20 Level 1 credits (and virtually everyone has), the target for Level 2 is 60 credits. There are no new numeracy or literacy requirements.

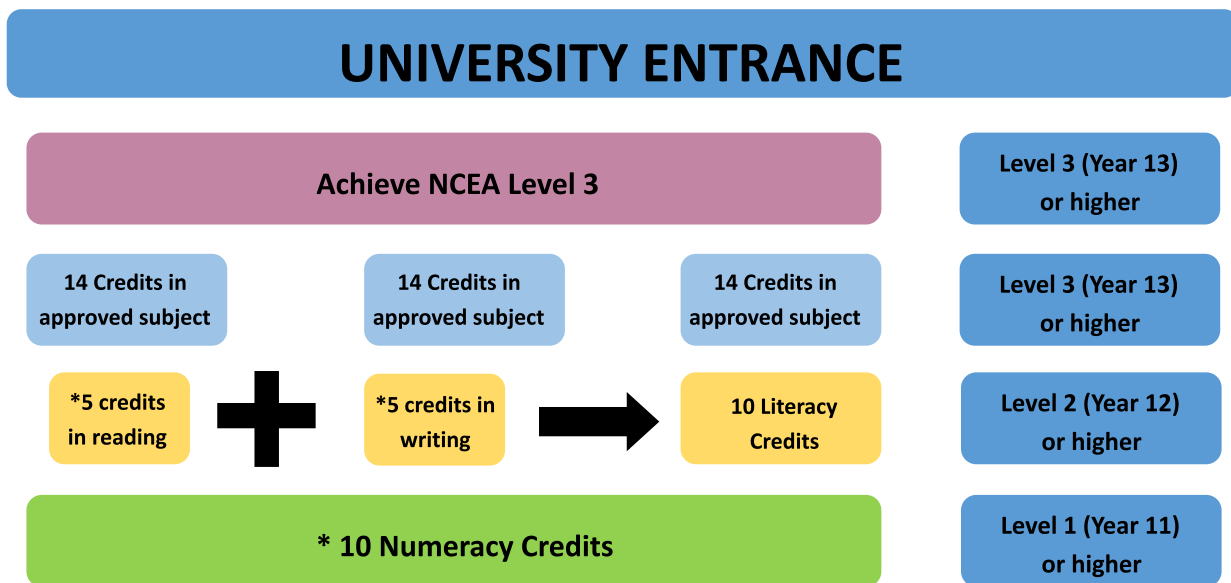
Gaining a Level 2 Excellence Endorsement can pay off in a big way: a number of Universities are offering Excellence Scholarships based on Level 2 results and some students may go to University each year with a fees Scholarship based on their Level 2 results.

And at the Top: Level 3 has the same structure as Level 2.



However, gaining entry to University is different. To do that you must have the following:

- A minimum of 14 credits in three UE approved subjects
- Passed Level 3 NCEA
- Numeracy - A minimum of 10 Level 1 Maths credits
- Literacy - A minimum of 10 Level 2 credits (5 Writing and 5 Reading)



Help to choose your subjects

If you need more help to get started, you may like to use the CAREERSNZ website www.careers.govt.nz that has information regarding subjects, careers, job outlook, pay, working conditions etc. 'Careerquest' is part of this website and is an online careers tool. It will link your areas of interest to careers and the subjects you need or book an appointment with Mr Draper, Mrs Thomas or Mrs Sheeran.

Vocational Pathways for all Secondary Students

All curriculum standards fall within one or more of these vocational pathways. Vocational Pathways relate the standards you are learning to future study options and job opportunities. The pathways provide clear study options that are valued by employers and show you what employers expect to see you achieve in your learning.

The pathways cover six broad industry sectors: (Colour Key for all subjects)

Manufacturing and Technology

Construction and Infrastructure

Creative Industries

Primary Industries

Service Industries

Social and Community Services



<http://www.careers.govt.nz/education-and-training/still-atschool/vocational-pathways/>

Gateway Work Experience Programme

The Gateway Programme is an exciting opportunity for a student to investigate or broaden their future career options by integrating school-based learning with structured learning in the workplace. Students attend a workplace one day a week for approximately 10 to 20 weeks, where they gain hands-on practical skills, as well as having their learning in the workplace assessed against up to 20 NZQA standards. Gateway is not a classroom-based subject.

Students with an excellent attendance record and Level 1 Literacy and Numeracy will be selected into this programme, based on a successful interview with our Gateway Coordinator.

Applications are now open for next year. Please see MrsSheeran or Ms Taitoko (Jojo) if you are interested.

Secondary Tertiary Partnerships

Up to 16 students will be given the opportunity to attend these campus-based courses one day a week

- Wintec
Students travel to Hamilton 1 day a week and have the opportunity to undertake a practical course and provides sector related credits required to earn a Vocational Pathway Award on your NCEA Level 2 and NCEA Level 3 qualifications. Students gain specific and practical experience and skills in an industry based setting, and the opportunity to move directly into a job or apprenticeship, or further study, on completion of secondary school.

NCEA LEVEL 3 Courses on offer

NCEA LEVEL 3 ENGLISH

TT Code [3ENG]

Course Outline:

You will:

- Grow in your understanding of how texts are created.
- Grow in your ability to critically analyse texts from different viewpoints.
- Practice creating and refining texts while developing, sustaining, and structuring your responses effectively.

Aims:

The major aims of this course are for students to develop their literacy and thinking skills, while growing a stronger appreciation and love of literature.

Assessment:

Students will have the opportunity to gain 16 internal Achievement Standard credits in this subject, and a maximum of 12 external credits. To achieve University Entrance Literacy, students need 5 Reading credits and 5 Writing credits at Level 2 or above.

To gain a Course Endorsement with Merit or Excellence in English students will need to earn 14 or more credits at that level. In addition, at least 3 credits must be from internally assessed standards, and 4 from externally assessed standards. The due dates for assessments will be outlined at the start of Term 1, 2023.

It is expected that students will attempt most internal standards and two of the external exams.

Vocational Pathways/Literacy and Numeracy

The related Vocational Pathways and possible literacy or numeracy credits are shown for each of the standards in the following table.

Level 3 English		Credit Value	Int / Ext	Lit R/W	CON & INF	MAN & TECH	PRI IND	SVC IND	SOC & COM	CRE IND
Standard	Title									
91472	Respond critically to specified aspect(s) of studied written text (s), supported by evidence	4	Ext	R W						
91473	Respond critically to specified aspect(s) of studied visual or oral	4	Ext	W						
91474	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	4	Ext	R W						
91475	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas	6	Int	W						
91477	Create a fluent and coherent visual text which develops, sustains, and structures ideas using verbal and visual language	3	Int							
91479	Develop an informed understanding of literature and/or language using critical texts	4	Int	R						
91480	Respond critically to significant aspects of visual and/or oral text (s) through close reading, supported by evidence	3	Int							

Course Outline:

In Mathematics and Statistics, students explore relationships in quantities, space and data and learn to express these relationships in ways that help them make sense of the world around them. They have a broad range of practical applications to everyday life, from financial literacy to recreation and leisure. Many apparently simple systems in real life are based on complex mathematical models.

Despite all the practical importance mentioned above, the main purpose of mathematics is not the mathematical knowledge itself, but to make people think critically and logically, by organising their thinking using proper mathematical statements and not accepting statements without proof.

Students should be thinking mathematically and statistically through using the following processes:

- Making sense and finding connections
- Posing questions and solving problems
- Visualising and representing
- Using and interacting with technologies
- Reflecting and communicating
- Estimating and being precise
- Seeking patterns and generalizing
- Conjecturing and verifying/proving
- Modelling and predicting

Assessment:

The course consists of 13 internal credits and 12 externals totalling 25 credits at level 3 of the national qualifications framework. Please find the details at the Planner in the next page and remember that it is subjected to change. The external exams will be held at the end of the year but students are going to be examined in a practice exam in class. It is expected that all students complete all standards both internal and external.

Level 3 Mathematics		Credit Value	Int / Ext	CON & INF	MAN & TECH	PRI IND	SVC IND	SOC & COM	CRE IND
Standard	Title								
AS 91575 (3.3)	Apply trigonometric methods in solving problems	4	Int						
AS 91576 (3.4)	Use critical path analysis in solving problems	2	Int						
AS 91574 (3.2)	Apply linear programming methods in solving problems	3	Int						
AS 91587 (3.15)	Apply systems of simultaneous equations in solving problems	3	Int						
AS 91577 (3.5)	Apply the algebra of complex numbers in solving problems	5	Ext						
AS 91578 (3.6)	Apply differentiation methods in solving problems	6	Ext						
AS 91579 (3.7)	Apply integration methods in solving problems	4	Ext						

Students are reminded that there are no further assessment opportunities in this subject.

Maximum possible credits in each Vocational Pathway

Construction and Infrastructure	Manufacturing and Technology	Primary Industries	Service Industries	Social and Community Services	Creative Industries
22	22	22	22	22	22

Course Outline:

This course aims to:

Involve students in investigating the biological components of their environment and make sense of them in a logical and creative way.

Use systematic and creative processes of investigation to develop scientific thinking in students who can understand and produce a constantly evolving body of knowledge and can make an important contribution to the decisions which are shaping our world and the world of future generations.

Show that learning in Biology is fundamental to understanding the world in which we live and work. It helps people to clarify ideas, to ask questions, to test explanations through measurement and observation, and to use their findings to establish the worth of an idea.

Create an opportunity for all students to achieve a qualification in Biology that will be of value to them both today and in the future - a qualification that will provide the building blocks for future success in study.

This course consists of:

Five NCEA achievement standards contributing 18 credits at Level 2 of the national qualifications framework. The timetable of study for the units of work are outlined in detail in the term planner. Four of the units are internally assessed; the remaining one will be examined in a practice exam as shown with the formal external examination being completed at the end of the year. It is expected all students will complete all set internal standards and at least one external.

University Entrance and Endorsement

This course meets the requirements for one of your subject areas for University Entrance and may be endorsed for Merit or Excellence for NCEA.

Vocational Pathways/Literacy and Numeracy

The related Vocational Pathways and possible literacy or numeracy credits are shown for each of the standards in the following table.

Level 3 Biology		Int/ Ext	Credi t Value	Num/Li t	CO N & INF	MA N & TEC H	PRI IN D	SV C IN D	SOC & CO M	CRE IND
Standard	Title									
Bio 3.1 AS 91601	Carry out a practical investigation in a biology context, with guidance	Int	4	Lit/Nu m						
Bio 3.4 AS 91604	Demonstrate understanding of how an animal maintains a stable internal environment	Int	3	Lit						
Bio 3.2 AS 91602	Integrate biological knowledge to develop an informed response to a socio scientific issue	Int	3	Lit						
Bio 3.6 AS 91606	Demonstrate understanding of trends in human evolution	Ext	4	Lit						
Bio 3.7 AS 91607	Demonstrate understanding of human manipulation of genetic transfer and its biological implications	Int	3	Lit						

This course has a mixture of practical and theory assignments with a big part of the assessments being around practical involvement and high level written work.

You will be required to work on various written and practical assignments as both an individual and member of a team.

There is a mixture of assessments around anatomy and physiology (designing and participating in a fitness program), outdoor education (surfing, snowboarding or skiing), performance of sport skills (badminton and ki o rahi) and societal influences on sport (researching and examining a sporting event).

As well as working towards achieving credits there will be plenty of opportunities to participate in a wide range of sports and physical activity.

This subject is about developing life-long sporting, social and academic skills to prepare yourself for further study and a healthy lifestyle.

This course consists of:

Four NCEA achievement standards contributing 15 credits at Level 3 of the national qualifications framework. Students have the option of attempting an extra standard in term 4 if they have completed the other four standards increasing available credits to 18.

This course is able to be endorsed with Merit or Excellence for NCEA with 14 or more credits gained at that level.

Tama tu tama ora, tama noho tama mate

An active person will become healthy, while a lazy one will become sick

Vocational Pathways/Literacy and Numeracy

The related Vocational Pathways and possible literacy or numeracy credits are shown for each of the standards in the following table.

Level 3 Physical Education		Int/Ext	Credit Value	Num/Lit	CON & INF	MAN & TECH	PRI IND	SVC IND	SOC & COM	CRE IND
Standard	Title									
91499	Analyse a physical skill performed by self or others	Int	3	L1 Lit						
91500	Evaluate the effectiveness of a performance improvement programme	Int	4	L1 Lit, Num						
91501	Demonstrate quality performance of a physical activity in an applied setting	Int	4	Num						
91502	Examine a current physical activity event, trend, or issue and its impact on New Zealand society	Int	4	L1 Lit, UE Lit						
91504	Analyse issues in safety management for outdoor activity to devise safety management strategies	Int	3	L1 Lit						

Maximum possible credits in each Vocational Pathway

Construction and Infrastructure	Manufacturing and Technology	Primary Industries	Service Industries	Social and Community Services	Creative Industries
		8	18	10	

NCEA Level 3 TE REO MAORI

TT Code [3TRM]

Prerequisite: Course covered at Level 2 or on HOD approval

Summary of Course: The programme involves completing internal assessments during the year which focuses on Listening, Speaking and Writing. You have the option of doing two of the three topics below

Level 3 Te Reo Maori		Int/Ext	Credit Value	CON & INF	MAN & TECH	PRI IND	SVC IND	SOC & COM	CRE IND
Standard	Title								
91650	Whakarongo kia mōhio ki te reo o te ao whānui	Int	4						
91651	Kōrero kia whakamahi i te reo o te ao whānui	Int	6						
91654	Waihanga tuhinga i te reo o te ao whānui	Int	6						

NCEA LEVEL 3 GEOGRAPHY

TT Code [3CGEO]

Course Outline:

Geography explores the relationships and connections between people and both natural and cultural environments. Geography investigates the ways in which features are arranged on the earth's surface. It describes and explains the patterns and processes that create them. Students learn to think spatially and use maps, visual images and new technologies to obtain, present and analyse information. Students will explore real and relevant contemporary contexts, undertake fieldwork investigations and relate them to geographic issues that affect them. By studying Geography, students are able to recognise the responsibilities they have in relation to other people, the environment and the long-term sustainability of the planet.

Level 3 Geography		Credit Value	Int/Ext	L1 Lit/Num	UE Lit/Num
Standard	Title				
91426	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	4	Ext	1a	UElwra
91429	Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills	4	Ext	1a	UElwra
91428	Analyse a significant contemporary event from a geographic perspective	3	Int	1a	UElra
91430	Conduct geographic research with consultation	5	Int	1na	UEna
91431	Analyse aspects of a contemporary geographic issue	3	Int	1a	UElra
91432	Analyse aspects of a geographic topic at a global scale	3	Int	1a	

NCEA LEVEL 3 VISUAL ARTS

TT code [3ART]

Course Outline:

Students studying Level 3 Visual Art are actively involved in developing an understanding of the processes and procedures involved in the making of artworks and applying this in the practice of making their own work in their chosen field(s) of study.

Students will examine the Arts in context, critically reflect on how meanings are communicated through interpretation of images and artefacts, build upon, extend and refine practical knowledge and further develop the ability to generate and manage ideas.

Emphasis in learning is at a critical level, whereby students use research and analysis relevant to their intentions to influence and inform their selected questions or proposals in their chosen field.

Students may choose to study one or two fields. Painting/ Printmaking. Students will create a variety of work including drawing, developed sequences of work, small works and finished paintings/ prints which show how pictorial ideas are developed, clarified and resolved.

Students will submit bodies of work for internal assessment, and the external assessment is in the form of a three-panel folio.

Visual Art Scholarship

Students can elect to enter a Scholarship in consultation with their teacher and commitment to a program of extra investigative work from early in the school year. Students may enter in more than one Visual Art Scholarship discipline but are advised to seriously consider the implications of extra work above and beyond the requirements of their NCEA work.

Outcome Description

The student will demonstrate the ability to think and work critically, fluently and comprehensively in the production of distinctive, original work to be presented as an eight-page workbook to accompany their three-panel NCEA folio. The work will provide evidence of research, analysis and understanding of strategies.

Level 3 Visual Art		Credit Value	Int/Ext	Lit	CON & INF	MAN & TECH	PRI IND	SVC IND	SOC & COM	CRE IND
Standard	Title									
AS 91144/91443	Analyse methods and ideas from established painting/printmaking	4 Due end Term 1	Int							
AS 91446/91448	Use drawing to demonstrate understanding of conventions appropriate to painting/printmaking	4	Int							
AS 91451/91453	Systematically clarify ideas using drawing informed by established /painting/printmaking practice	4	Int							
AS 91456/91458	Produce a systematic body of work that integrates conventions and regenerates ideas within painting/printmaking	14	Ext							

NCEA LEVEL 3 TECHNOLOGY HARD MATERIALS (WOOD)

TT CODE: [3THM]

This Level 3 course requires you to undertake a Stage 3 BCATS project. You will need to produce a folder of your designs and a record of how you work with your fabric to produce your end product. You will be required to buy the necessary fabric to produce the items you design. This is an Internally assessed Unit Standard course.

Level 3 Technology Hard Materials		Credit Value	LIT	CON & INF	MAN & TECH	PRI IND	SVC IND	SOC & COM	CRE IND
Standard	Title								
US 29684	Undertake a Stage 3 BCATS project	12							
US 29677	Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment	2							
US 29678	Demonstrate knowledge of, select, and use materials for a Stage 3 BCATS project	4							
US 29679	Develop and use BCATS project documentation for a Stage 3 BCATS project	8							
US 29680	Demonstrate knowledge of the plumbing industry within a BCATS environment.	2							
US 29681	Communicate and work collaboratively in a Stage 3 BCATS project	5							
US 29682	Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project	4							
US 29683	Incorporate other building, construction and allied trades into a Stage 3 BCATS project schedule	2							

NCEA LEVEL 3 TECHNOLOGY SOFT MATERIALS

TT Code [3TSM]

This is a course that requires you to design and make a range of clothes and to produce a design folder that illustrates the technological processes of working with fabric. You will be required to purchase the necessary fabric to produce the items you design. This is an Internally assessed Unit Standard course.

Level 3 Technology Soft Materials		Credit Value	CON & INF	MAN & TECH	PRI IND	SVC IND	SOC & COM	CRE IND
Standard	Title							
US 6700	Bagging It Prepare for and construct a textile item for a specific purpose	6						
US 6701	Speciality Fabrics Prepare for and construct a garment using special fabric	6						
US 6699	Dress to Impress Prepare for and construct a garment for a formal occasion	6						

NCEA LEVEL 3 FOOD AND NUTRITION

TT Code [3FNT]

Year 13 Food and Nutrition. This course there will be both 1 practical lesson and the rest theory. You will be required to work on various written assessments as both an individual and IN a team. This course will require you to have time management and strong work ethics as it requires work outside of class.

Level 3 Food and Nutrition		Credit Value	Lit/Num	CON & INF	MAN & TECH	PRI IND	SVC IND	SOC & COM	CRE IND
AS91466	Investigate a nutritional issue affecting the wellbeing of New Zealand society.	5	Lit						
AS91467	Implement an action plan at address a nutritional issue affecting the wellbeing of New Zealand society	5	Lit						
AS91469	Investigate the influence of multinational food corporations on eating patterns in New Zealand	5	Lit						

CORRESPONDENCE COURSES

These courses are for students that can self manage, problem solve and are competent at self directed learning. To participate in these courses the student must be signed off by their mentor. If there are other subjects of interest to you that are not listed below please indicate this on your options form.

CORRESPONDENCE — NCEA LEVEL 3 CHEMISTRY

TT Code [3CCHM]

Course Outline:

From the time people worked out how to create fire, it has been chemistry at the forefront of exciting discoveries such as the structure of DNA and the use of semiconductors in electronics. Chemistry looks at the behaviour of substances, the changes they undergo to create new ones and the reactions between them. Yet it is more than what happens at a micro level, it is about what it is that makes us, our materials and everything around us. Alongside this, you will learn essential skills and knowledge needed to analyse scientific information, conduct experiments and research. Chemistry is essential for a wide range of careers including medicine, pharmacy, engineering and environmental science, through to wine making and food technology.

Level 3 Chemistry		Credit Value	Assessment	L1 Lit/Num	UE Lit/Num
Standard	Title				
6345	Analyse oxidation-reduction reactions	4	Internal		
8949	Characterise the composition of acid and base solutions	4	Internal		
91388	Demonstrate understanding of spectroscopic data in chemistry	3	Internal		
91389	Demonstrate understanding of chemical processes in the world around us	3	Internal	1a	UE1wra
91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	5	External	1a	

CORRESPONDENCE — NCEA LEVEL 3 GEOGRAPHY**TT Code [3CGEO]****Course Outline:**

Geography explores the relationships and connections between people and both natural and cultural environments. Geography investigates the ways in which features are arranged on the earth's surface. It describes and explains the patterns and processes that create them. Students learn to think spatially and use maps, visual images and new technologies to obtain, present and analyse information. Students will explore real and relevant contemporary contexts, undertake fieldwork investigations and relate them to geographic issues that affect them. By studying Geography, students are able to recognise the responsibilities they have in relation to other people, the environment and the long-term sustainability of the planet.

Level 3 Geography		Credit Value	Int/Ext	L1 Lit/Num	UE Lit/Num
Standard	Title				
91426	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	4	Ext	1a	UElwra
91427	Demonstrate understanding of how a cultural process shapes geographic environment(s)	4	Ext	1a	UElwra
91428	Analyse a significant contemporary event from a geographic perspective	3	Int	1a	UElra
91429	Demonstrate understanding of a given environment(s) through selection and application of geographic concepts and skills	4	Ext	1a	UElwra
91430	Conduct geographic research with consultation	5	Int	1na	UEna
91431	Analyse aspects of a contemporary geographic issue	3	Int	1a	UElra
91432	Analyse aspects of a geographic topic at a global scale	3	Int	1a	

CORRESPONDENCE – NCEA LEVEL 3 HISTORY**TT Code [3CHIS]****What this course involves**

There are two main parts to this course. Part one - For the external standards, students will make an in-depth study of Tudor and Stuart England from 1558 to 1660. Students will also look at how England was governed, issues facing monarchs such as Elizabeth I and the early Stuart kings, and developments during the Civil War and Interregnum. By exploring this time-period, students will learn about early modern English society and its economy, the religious changes that occurred and how these remain relevant even today. Part two - For two internally assessed standards (AS91434 and AS91437), students will research a 'contested historical event' that they choose, but which must be approved by their teacher.

Level 3 History		Credit Value	Int/Ext	L1 Lit/Num	UE Lit/Num
Standard	Title				
91434	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	5	Int	1a	UElra
91435	Analyse an historical event, or place, of significance to New Zealanders	5	Int	1a	UElra
91436	Analyse evidence relating to an historical event of significance to New Zealanders	4	Ext	1a	UElwra
91437	Analyse different perspectives of a contested event of significance to New Zealanders	5	Int	1a	UElra
91438	Analyse the causes and consequences of a significant historical event	6	Ext	1a	UElwra
91439	Analyse a significant historical trend and the force(s) that influenced it	6	Ext	1a	UElwra

CORRESPONDENCE — NCEA LEVEL 3 ACCOUNTING**TT Code [3CACC]****What this course involves**

Accounting is fundamental not just for businesses but everyday life. It enhances students' financial literacy and gives them the tools to make real life financial decisions in a changing and uncertain world. Accounting includes the process of preparing and communicating financial information to a wide range of users. Further study can lead to diverse careers in accounting in many business environments worldwide. With a business or commerce degree, students can keep their options wide open.

Level 3 Accounting		Credit Value	Int/Ext	L1 Lit/Num	UELit / Num
Standard	Title				
91404	Demonstrate understanding of accounting concepts for a New Zealand reporting entity	4	Ext	1a	UElra
91405	Demonstrate understanding of accounting for partnerships	4	Int	na	UEna
91406	Demonstrate understanding of company financial statement preparation	5	Ext	na	UEna
91407	Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	5	Int	1na	UEnl w ra
91408	Demonstrate understanding of management accounting to inform decision-making	4	Ext	1na	UEna
91409	Demonstrate understanding of a job cost subsystem for an entity	4	Int	1na	UEna

CORRESPONDENCE – NCEA LEVEL 3 PHYSICS**TT Code [3CPHY]****What this course involves**

Physics offers an insight into the fundamental ways the world works scientifically, and its relationship with technology. Essentially it is the study of the matter and energy that makes up the physical world. This includes topics such as light, sound, heat, movement, forces, atomic physics as well as electricity and magnetism. Students will encounter many key scientific ideas and concepts that support study in other science subjects and related areas such as engineering and health science.

Level 3 Physics		Credit Value	Int/ext	L1 Lit/Num	UE Lit/Num
Standard	Title				
91521	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	4	Int	1a	
91522	Demonstrate understanding of the application of physics to a selected context	3	Int	1a	
91523	Demonstrate understanding of wave systems	4	Ext	1a	
91524	Demonstrate understanding of mechanical systems	6	Ext	1a	
91525	Demonstrate understanding of Modern Physics	3	Int	1a	
91526	Demonstrate understanding of electrical systems	6	Ext	1a	
91527	Use physics knowledge to develop an informed response to a socio-scientific issue	3	Int	1a	UElra

NCEA LEVEL 2 /3 BCITO

TT Code [23BC]

The Building and Construction Industry Training Organisation (BCITO) is the standard setting body for the building and construction industry.

The following are examples of packages that the school may be able to deliver in partnership with BCITO.

Packages	Credits Value	Construction and Infrastructure
Gateway Architectural Aluminium Joinery (Level 2)	21 Credits	
Gateway Cement and Concrete Attached to the National Certificate in Concrete Core Skills (Level 2)	22 Credits	
Gateway Carpentry Attached to the National Certificate in Carpentry (Level 4) or National Certificate in Frame and Truss Manufacture (Level 3)	20 Credits	
Gateway Carpentry Plus Attached to the National Certificate in Carpentry (Level 4)	12 Credits	

NCEA LEVEL 2 /3 VOCATIONAL PATHWAYS

TT Code [23VP]

This will be a class where students are able to work toward completing Vocational Pathways and gateway Unit Standards. Standards will be sourced based on individual students' interests, or related to the identified Vocational Pathways and will include employment skills, life skills and Industry skills.

Short courses related to Vocational Pathways may also include:

Red Shirts (The Warehouse), Maori Tourism Camp, Leadership courses, Barista.