

# LEVEL 3 COURSE HANDBOOK 2020



# GREEN BAY HIGH SCHOOL

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INNOVATIVE • INDIVIDUALISED • CONNECTED

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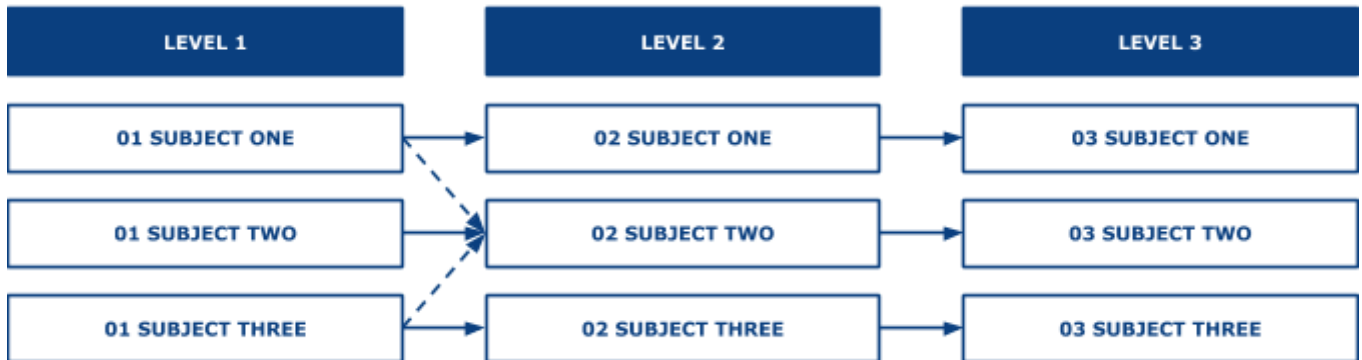
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*The content of this handbook is correct at the time of printing. Course availability is dependent on numbers and staffing, and course entry cannot be confirmed until the beginning of 2020.*

## UNDERSTANDING THE COURSE BOOKLET

Below is a diagram of the course booklet format - in each of the yellow boxes there is an explanation of how to interpret the diagrams and the various pieces of information so that you can make the best and most informed decision.

### CURRICULUM AREA



The above diagram demonstrates the possible course pathways through to Level 3. Solid arrows indicate a natural progression, and dashed arrows suggest entry would be contingent on results and/or Head of Department/Teacher In Charge approval.

SUBJECT NAME	CODE	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>The SUBJECT NAME - correlates to the names in the diagram, and there is a corresponding CODE for the purposes of the timetable</p> <p>On the far right - is UE PATHWAY, which indicates that this subject flows through to a University Entrance accredited subject at Level 3. TRADE PATHWAY indicates that the subject links directly with BCITO or other trade qualification providers.</p> <p>The course description outlines all of the exciting learning opportunities available to a student in the course and will explain the details of the types of activities, contexts, projects, and topics involved.</p>	
<b>GUIDELINES FOR ENTRY</b>	The guidelines for entry outline the prerequisites that need to be met in order to enrol in the course, different courses will require particular skills and knowledge in order to progress and be successful in subsequent years.	
<b>STATIONERY COSTS (APPROX) &amp;</b>	The costs are approximate and will include various trips or extras involved as a part of the course.	

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS00000 - Standard Title Description	4	Assignment	1	T1 W6

The assessment table will provide information about how many potential assessments (standards) are on offer, what those assessments are, how many credits they are worth, how they will be assessed (Assignment, Exam, Portfolio, Practical or Test), how many opportunities there are to be assessed on that one standard, and the approximate assessment due date.

For subjects where there are external examinations then the Date will be stated as EOY (End of Year)

All of this information is as accurate as possible at the time of publishing but can change.

## GLOSSARY OF TERMS

<b>Approved Subject</b>	These are subjects and related standards that can be used to gain University Entrance.
<b>Certificate Endorsement</b>	Students gain certificate endorsement when they gain 50 or more credits at Merit or Excellence at the level of the certificate or higher.
<b>Course Endorsement</b>	Students gain an endorsement for a course if, in a single year, they achieve: <ul style="list-style-type: none"> <li>• 14 credits or more at Merit or Excellence, where</li> <li>• at least 3 of these credits are from externally assessed standards and 3 credits from internally assessed standards.</li> </ul>
<b>Credits</b>	Credits are awarded for each standard a student achieves (refer to page 6 regarding number of credits needed to pass NCEA Level 1, 2 and 3).
<b>External Assessment</b>	Assessment for externally assessed standards are set and marked by NZQA at the end of the year.
<b>Further Tertiary Study</b>	Any study undertaken beyond school at university, polytechnic or private training provider.
<b>Gateway Programme</b>	A programme for Year 12 and 13 students wanting to investigate an industry or workplace as well as gaining some credits. Work experience is also available to students. Visit the Careers Centre to find out more.
<b>Internal Assessment</b>	Internally assessed standards are set and marked by teachers in schools or consented providers throughout the year.
<b>NZQA</b>	The New Zealand Qualifications Authority administers the National Qualifications Framework (NQF), which is the official source for accurate and current information on quality assured qualifications in New Zealand.
<b>Achievement Standards</b>	Standards are the skills or knowledge students are expected to achieve or know in a course. Achievement Standards assess performance against the NZ Curriculum. They can be assessed internally or externally. For Achievement Standards you can get: Achieved (A) for a satisfactory performance, Merit (M) for very good performance, Excellence (E) for excellent performance, or Not Achieved (N) if you don't meet the requirements of the standard.
<b>Unit Standards</b>	Unit Standards assess performance specified by industry or tertiary organisations. They are assessed internally, and students can gain Achieved (A) or Not Achieved (N).
<b>NZ Scholarship Exams</b>	These are external assessments for only the most able students and run by NZQA. They are competitive monetary awards and not a qualification. NZ Scholarships are awarded to the top 2-3% of students in a subject at Level 3.
<b>Other Scholarships and Awards</b>	These are generally monetary awards to assist with continued study beyond school. Tertiary institutions and other organisations provide funds to schools, who make award decisions based on predetermined criteria. Visit the Careers Centre to find out more.
<b>University Entrance (UE)</b>	University Entrance (UE) is the minimum requirement to go to a New Zealand university (see following page).
<b>Vocational Pathways</b>	Vocational Pathways is a Ministry of Education initiative designed to improve the relevance of learning for students. This happens through indicating how a student's learning and achievement is valued by employers in sectors of the workforce.

## REQUIREMENTS FOR NCEA LEVEL 1, 2 & 3 + UNIVERSITY ENTRANCE

<b>NCEA LEVEL 1</b>	<p>80 credits at Level 1 including...</p> <p>10 credits Level 1 Literacy*</p> <p>10 credits Level 1 Numeracy*</p> <p>There are many standards that will allow you to demonstrate your literacy and numeracy skills. These can be completed in a range of different courses.</p>
<b>NCEA LEVEL 2</b>	<p>80 credits at Level 2 or above or...</p> <p>60 credits at Level 2 or above <b>plus</b> 20 credits</p>
<b>NCEA LEVEL 3</b>	<p>80 credits at Level 3 or...</p> <p>60 credits at Level 3 or above, <b>plus</b> 20 credits at Level 2 or above</p>
<b>UNIVERSITY ENTRANCE REQUIREMENTS</b>	<p>A pass in NCEA Level 3 = 60 credits at Level 3 and 20 credits at Level 2 = 80 credits</p> <p>This is made up of:</p> <ul style="list-style-type: none"> <li>• 14 credits in each of three subjects from the list of university-approved subjects (see next page) = 42 credits</li> <li>• 18 credits from any other subjects and can be either Achievement or Unit Standards</li> <li>• <b>UE Numeracy</b> = 10 credits at Level 1 or higher from specified Achievement Standards or the 3 specific numeracy Unit Standards</li> <li>• <b>UE Literacy</b> = 10 credits (5 in reading and 5 in writing) from specified Achievement Standards at Level 2 and higher; or specified Level 2 standards in Te Reo Māori</li> <li>• Most Universities ask for higher entry requirements than above. See their websites or ask our Careers Centre</li> <li>• Auckland University's Literacy Requirement: From 2016 there is a new entrance requirement for domestic students. Those applying on the basis of NCEA results must have gained a minimum of 17 credits in English at Level 2 or 3</li> </ul>

## UNIVERSITY APPROVED COURSES AT GREEN BAY HIGH SCHOOL

03 Accounting  
 03 Art Design  
 03 Art History  
 03 Art Painting  
 03 Art Photography  
 03 Art Printmaking  
 03 Biology  
 03 Calculus  
 03 Chemistry  
 03 Design & Visual Communication  
 03 Digital Technologies  
 03 Digital Tech – Programming

03 Dance  
 03 Drama  
 03 Economics  
 03 English Academic  
 03 English General  
 03 Fashion Design  
 03 Food and Nutrition  
 03 Geography  
 03 German  
 03 Health Education  
 03 History  
 03 Japanese

03 Mathematics General  
 03 Media Studies  
 03 Music  
 03 Physical Education  
 03 Physics Engineering  
 03 Physics  
 03 Product Design  
 03 Science Applied  
 03 Science General  
 03 Statistics  
 03 Te Reo Māori

## NON-UNIVERSITY APPROVED COURSES AT GREEN BAY HIGH SCHOOL

03 Construction  
 03 Early Childhood Education  
 03 ESL  
 03 Hospitality  
 03 Travel and Tourism  
 03 Vocational Development Studies

## NEW ZEALAND SCHOLARSHIP EXAMINATIONS (NZQA)

New Zealand Scholarships are external assessments for top students in the senior school. They are competitive monetary awards and are designed to challenge the most capable Level 3 candidates.

Teachers can invite students to enter New Zealand Scholarship based on their academic performance and potential. Students can ask their teachers for guidance about the additional work and study requirements and whether or not they would be suitable candidates for entry.

## VOCATIONAL PATHWAYS

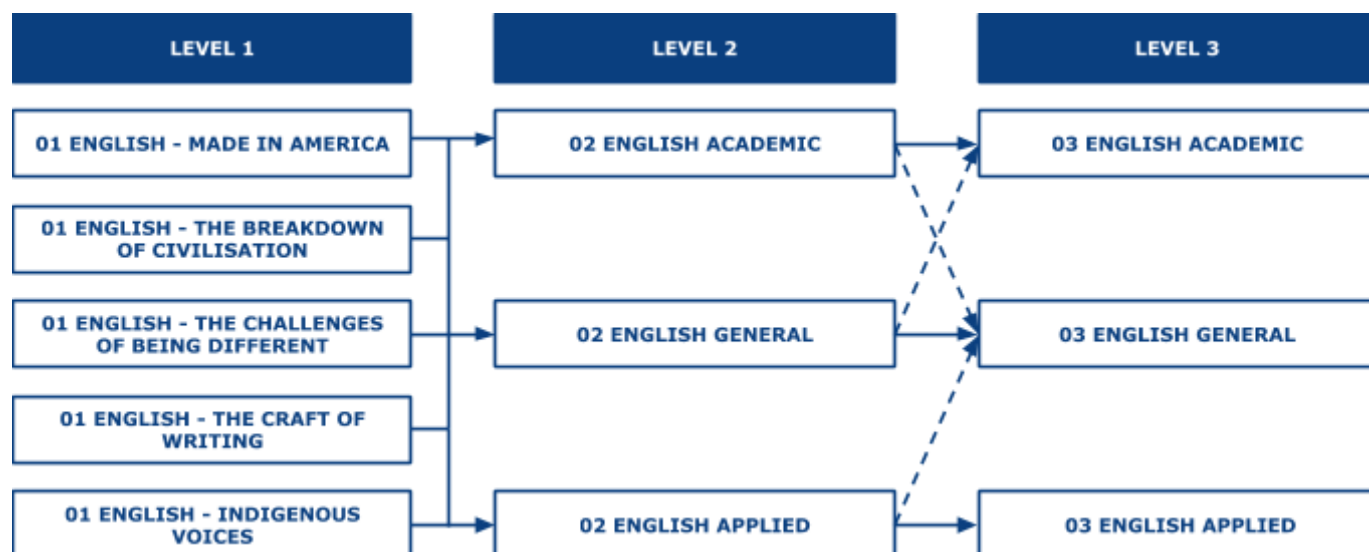


Vocational Pathways provides a way of showing employers that you have the knowledge and skills they are looking for. It aims to help students see how their learning and achievement is valued in the 'real world' by aligning NCEA Level 2 Assessment Standards with six industries.

Students must have gained NCEA Level 2 to receive a Vocational Pathways Award – 60 of these Level 2 credits must be from the recommended standards in one or more pathways, including 20 credits from sector-related pathways.

<http://youthguarantee.net.nz/vocational-pathways/>

# ENGLISH



03 ENGLISH ACADEMIC	03ENA	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>In this course, we will continue to develop English skills from previous years and explore how and why writers and directors communicate their messages the way they do. This will relate to the development of characters, themes, relationships, conflicts and more. We will also continue to develop the ability to express ideas and understanding of texts in a variety of ways. Both written and visual texts will be used as guides to assist with this.</p>	
<b>GUIDELINES FOR ENTRY</b>	<p>Achievement of at least FOUR Level 2 English standards with a minimum of two being at Merit or above.</p>	
<b>STATIONERY &amp; COSTS (APPROX)</b>	<p>NIL</p>	

ASSESSMENT	CREDITS	TYPE	OPP	DATE
(3.7) AS91478 - Respond critically to significant connections across texts, supported by evidence	4	Assignment	1	T2 W4
(3.4) AS91475 - Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	6	Portfolio	1	T2 W10
(3.5) AS91476 - Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas	3	Assignment	1	T3 W4
(3.1) AS91472 - Respond critically to specified aspects(s) of studied written text(s), supported by evidence	4	Exam	1	EOY
(3.2) AS91473 - Respond critically to specified aspects(s) of studied visual or oral text(s), supported by evidence	4	Exam	1	EOY
(3.3) AS91474 - Respond critically to significant aspects(s) of unfamiliar written text(s) through close reading, supported by evidence	4	Exam	1	EOY

03 ENGLISH GENERAL		03ENG	UE PATHWAY
<b>COURSE DESCRIPTION</b>	In this course, we will continue to develop English skills from previous years and explore how and why writers and directors communicate their messages the way they do. This will relate to the development of characters, themes, relationships, conflicts and more. We will also continue to develop the ability to express ideas and understanding of texts in a variety of ways. Mostly visual texts (with the inclusion of some written texts) will be used as guides to assist with this.		
<b>GUIDELINES FOR ENTRY</b>	Achievement of at least THREE Level 2 English standards.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	NIL		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
(3.7) AS91478 - Respond critically to significant connections across texts, supported by evidence	4	Assignment	1	T2 W4
(3.4) AS91475 - Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	6	Portfolio	1	T2 W10
(3.5) AS91476 - Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas	3	Assignment	1	T3 W4
(3.2) AS91473 - Respond critically to specified aspects(s) of studied visual or oral text(s), supported by evidence	4	Exam	1	EOY
(3.3) AS91474 - Respond critically to significant aspects(s) of unfamiliar written text(s) through close reading, supported by evidence	4	Exam	1	EOY

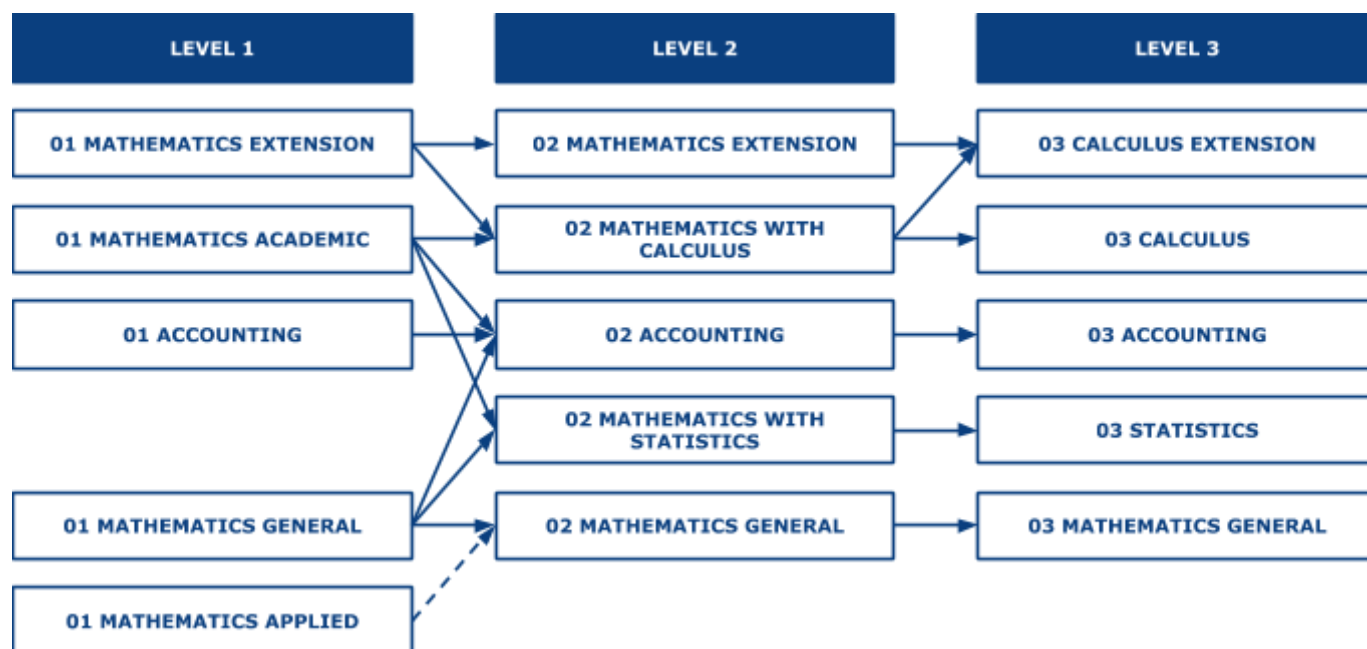
03 ENGLISH APPLIED		03ENP	UE PATHWAY
<b>COURSE DESCRIPTION</b>	This course is designed for Year 13 students who need further credits to gain University Entrance and/or those who don't meet the requirements for entry into English Academic or English General. It will focus on individual pathways and will be differentiated to meet the needs of each student. We will focus on identifying and explaining an author or director's purpose while also continuing to develop communication skills along the way. Being able to analyse critically in a variety of ways will be essential for this course.		
<b>GUIDELINES FOR ENTRY</b>	Your English teacher will recommend entry into this course and the Head of the English Department will make the final decision.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	NIL		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
(3.9) AS91480 - Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	3	Assignment	1	T1 W6
(3.4) AS91474 - Produce a selection of fluent and coherent writing which develops, sustains and structures ideas	6	Portfolio	1	T2 W10

\*All other assessments are negotiable once University Entrance Literacy has been earned\*



# MATHEMATICS



03 CALCULUS EXTENSION	03MCX	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>In this course, we will develop Calculus skills over a wide variety of functions. The nature of mathematical reasoning and presentation of a logical argument, together with competence in basic algebra, graphical and computational skills will be extended in this course. We will investigate the modelling of practical situations using rates of change, apply the algebra of complex numbers in solving problems, and problem solve in practical applications. Calculus is required for engineering and other courses at university including physics, medicine, dentistry, computer science, surveying, seismic geology, meteorology, aviation and economics.</p> <p>This course will cover the content of Level 3 NCEA Mathematics and Calculus as well as preparing students for the Scholarship exam. This is a very demanding course and requires large time commitment; it is intended for top mathematicians. Students are expected to attend the weekly sessions every Wednesday afternoon to improve their problem-solving skills and increase their success in this course.</p>	
<b>GUIDELINES FOR ENTRY</b>	<p>Course endorsement at Level 2 Mathematics with Calculus, or 14 credits or more from Level 2 Mathematics including Merit in at least two Achievement Standards from 2.6 Algebra, 2.7 Calculus and 2.2 Graphs. The final entry is subject to Head of Department approval.</p>	
<b>STATIONERY &amp; COSTS (APPROX)</b>	<p>Casio Graphics Calculator Fx9750GII - (approx.) \$120 Nulake Calculus Workbook - (approx.) \$20</p>	

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS 91573 - Apply the geometry of conic sections in solving problems (3.1)	3	Internal	1	T2 W9
AS 91575 - Apply trigonometric methods in solving problems (3.3)	4	Internal	1	T1 W11
AS 91577 - Apply the algebra of complex numbers in solving problems (3.5)	5	External	1	EOY
AS 91578 - Apply differentiation methods in solving problems (3.6)	6	External	1	EOY
AS 91579 - Apply integration methods in solving problems (3.7)	6	External	1	EOY
Calculus Scholarship	-	-	-	EOY

03 CALCULUS		03CAL	UE PATHWAY
<b>COURSE DESCRIPTION</b>	In this course, we will develop Calculus skills over a wide variety of functions. The nature of mathematical reasoning and presentation of a logical argument, together with competence in basic algebra, graphical and computational skills will be extended in this course. We will investigate the modelling of practical situations using rates of change, apply the algebra of complex numbers in solving problems, and problem solve in practical applications. Calculus is required for engineering and other courses at university including physics, medicine, dentistry, computer science, surveying, seismic geology, meteorology, aviation and economics.		
<b>GUIDELINES FOR ENTRY</b>	Course endorsement at Level 2 Mathematics with Calculus, or 14 credits or more from Level 2 Mathematics including Merit in at least two Achievement Standards from 2.6 Algebra, 2.7 Calculus or 2.2 Graphs. The final entry is subject to Head of Department approval.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Casio Graphics Calculator Fx9750GII - (approx.) \$120 Calculus Learning Workbook (approx.) \$20		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS 91575 - Apply trigonometric methods in solving problems (3.3)	4	Internal	1	T1 W11
AS 91577 - Apply the algebra of complex numbers in solving problems (3.5)	5	External	1	EOY
AS 91578 - Apply differentiation methods in solving problems (3.6)	6	External	1	EOY
AS 91579 - Apply integration methods in solving problems (3.7)	6	External	1	EOY

03 STATISTICS		03STA	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>Statistics, at its disciplinary core, is the science of understanding data. Qualitative data, which is difficult or impossible to quantify, and quantitative data are both types of information that statistics help us analyze, process and use.</p> <p>The better grasp you have on statistics and statistical analysis, the more prepared you'll be in a range of activities and situations, from playing games to doing your job. Statistical analysis is prevalent in all walks of life, and no student should graduate without a basic understanding of statistics.</p> <p>Statistical analysis is useful in every single academic discipline and virtually every job you'll ever have (if not to your tasks specifically, it will to your organization). An understanding of basic statistics helps you make decisions about where to live, how to use your time and money and how to evaluate the information around you.</p> <p>In this course, you will learn about probability laws and distributions. The course investigates methods of regression analysis and the development of mathematical models to describe relationships between random variables.</p>		
<b>GUIDELINES FOR ENTRY</b>	You will need to have gained at least Merit in 2.10 Experiments or 2.9 Inference, and a minimum of 12 Level 2 Credits. Students with Merit in 2.12 Probability will be given preferential entry into the course. The final entry is subject to Head of Department approval.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Casio Graphics Calculator Fx9750GII - (approx.) \$120 Maths Workbook \$20		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91574 - Apply linear programming methods in solving problems	3	Test	1	T1 W5
AS91581 - Investigate bivariate measurement data	4	Assignment	1	T1 W10
AS91587 - Apply systems of simultaneous equations in solving problems	3	Test	1	T2 W4
AS91585 - Apply probability concepts in solving problems	4	Examination	1	EOY
AS91586 - Apply probability distributions in solving problems	4	Examination	1	EOY

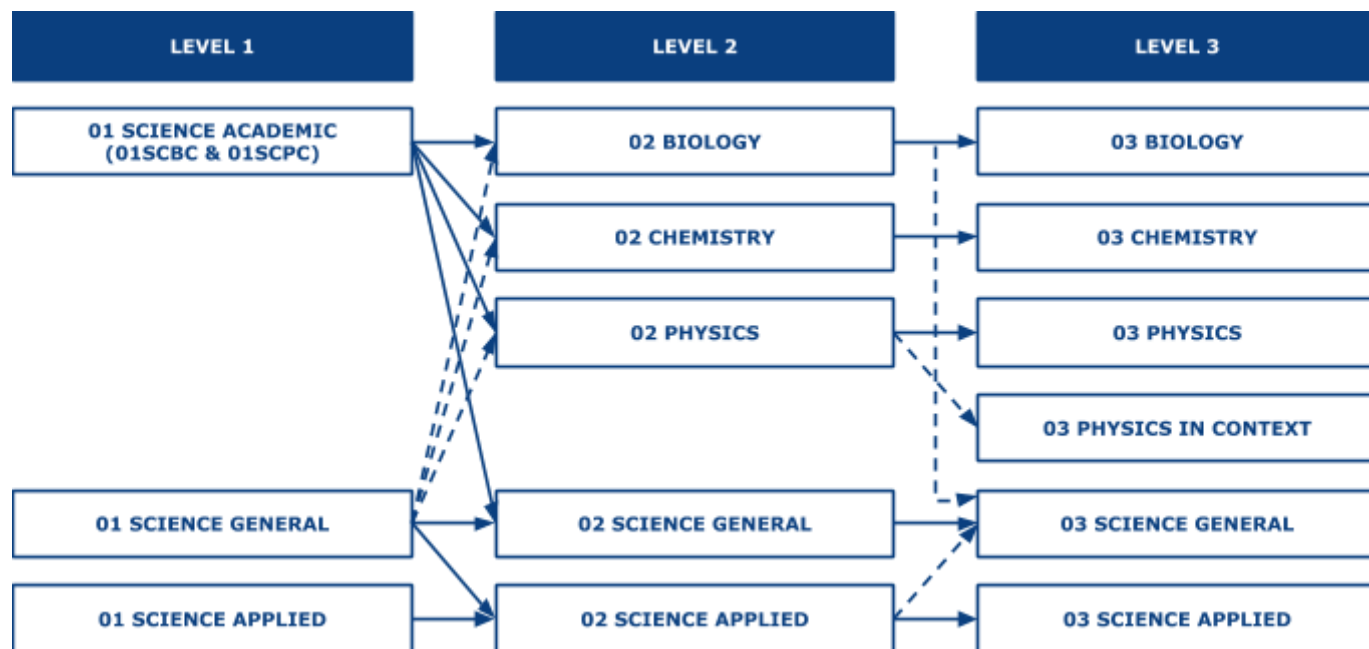
03 MATHEMATICS GENERAL		03MAG	UE PATHWAY
<b>COURSE DESCRIPTION</b>	This course includes a blend of Mathematics and Statistics Standards, with all assessed internally. The course will enable you to obtain the 18 credits required for University Entrance, and is a Table B subject for Auckland University. You will be required to write three statistical reports, investigating Time Series Data, Bivariate Data and Conduct an Experiment to investigate a situation using experimental design principles. You will complete research of the context of the assessment data, develop a purpose statement and question, then analyse the data. You will use a model to make predictions, supported by NZGrapher software, and write a conclusion to summarise your findings.		
<b>GUIDELINES FOR ENTRY</b>	Students must have Achieved with Merit in at least one of 2.1 Coordinate Geometry, 2.9 Inference, 2.10 Experiments, 2.14 Systems of Equations, or 2.12 Probability and an Achievement in 2.9 Inference and a minimum of 10 Level 2 Credits. Final entry is subject to Head of Department approval.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Graphics calculator is advised \$120		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91581 - Investigate bivariate measurement data	4	Assignment	1	T1 W7
AS91583 - Conduct an Experiment to Investigate a situation using experimental design principles	4	Assignment	1	T3 W11
AS91580 - Investigate time series data	4	Assignment	1	T2 W9
AS91574 - Apply linear programming methods in solving problems	3	Test	1	T1 W5
AS91587 - Apply systems of simultaneous equations in solving problems	3	Test	1	T2 W5

03 ACCOUNTING		03ACC	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>We will learn about the following in these topics:</p> <ul style="list-style-type: none"> <li>Partnerships – processing and reporting financial information for the formation of a partnership and profit distribution to its partners, examining a partnership ownership structure and the clauses in a partnership agreement, and making recommendations for improvement</li> <li>Companies – preparing the accounting entries for various company-specific transactions and events such as dividends, share movements, tax, profit, and revaluation of assets</li> <li>Job Costing – processing the accounting information required at various stages in a business' production run, determining a selling price, and examining a business' job cost subsystem and making recommendations for improvement</li> <li>Investing in shares – analyse and interpret the annual report and wider economic environment of a company listed on the New Zealand Stock Exchange, then make an investment recommendation to a potential shareholder</li> <li>Management Accounting – understanding various business issues and using management accounting to make business decisions</li> </ul>		
<b>GUIDELINES FOR ENTRY</b>	At least 14 credits in Level 2 Accounting. The final entry is subject to Head of Department approval.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Four Level 3 Pitu Accounting Workbooks totalling \$25 Scientific calculator \$20		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91405 - Demonstrate understanding of accounting for partnerships	4	Test	1	T1 W6
AS91409 - Demonstrate understanding of a job cost subsystem for an entity	4	Test	1	T2 W5
AS91407 - Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	5	Assignment	1	T2 W10
AS91406 - Demonstrate understanding of company financial statement preparation	5	Examination	1	EOY
AS91408 - Demonstrate understanding of management accounting to inform decision-making	4	Examination	1	EOY

# SCIENCES



03 BIOLOGY		03BIO	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>We will expand on the knowledge gained in 02 Biology and cover the most recent discoveries in Biology. We investigate how plants and animals respond to their environment and each other, how humans maintain a balance in their environment, how populations evolve and can result in new species being formed, and then focus on human evolution. We also investigate the latest scientific controversies and developments in biotechnology.</p> <p>This course is co-constructed with students to suit their individual needs. Although the course will provide up to 20 credits, these credits could be gained from any combination of the Level 3 standards provided by the department, in consultation with the teacher, student and parents.</p>		
<b>GUIDELINES FOR ENTRY</b>	You should have achieved at least 14 credits from Level 2 Biology including 8 from external standards.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Education Perfect \$30 Field Trip \$30		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91604 - Biology 3.4 Demonstrate how an animal maintains a stable internal environment	3	Assignment	1	T1W5
AS91602 Biology 3.2 Integrate biological knowledge to develop an informed response to a Socio-Scientific issue	3	Assignment	1	T1W5
AS91603 - Biology 3.3 Demonstrate understanding of responses of plant and animals to their external environment	5	Examination	1	EOY
AS91167 - Biology 3.5 Demonstrate understanding of evolutionary processes leading to Speciation	4	Examination	1	EOY
AS91606 - Biology 3.6 Demonstrate understanding of trends in human evolution	4	Examination	1	EOY

03 CHEMISTRY		03CHE	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>This course expands on the knowledge you covered in Level 2 and focuses on the composition and properties of matter, the energy involved as it undergoes change, and understanding the nature of particles to predict the properties and reactions of materials.</p> <p>This course is co-constructed with students to suit their individual needs. Although the course will provide 20 credits, these credits could be gained from any combination of the Level 3 standards provided by us, in consultation with the teacher, student and parents.</p>		
<b>GUIDELINES FOR ENTRY</b>	You should have gained at least 14 credits in Level 2 Chemistry including 8 from external standards.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Education Perfect Online Programme \$30 Scipad \$20 (optional)		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91393 - Demonstrate understanding of oxidation-reduction processes	3	Assignment	1	T2 W1
AS91388 - Demonstrate understanding of spectroscopic data in chemistry	3	Assignment	1	T3 W1
AS91390 - Demonstrate understanding of thermochemical principles and the properties of particles and substances	5	Examination	1	EOY
AS91391 - Demonstrate understanding of the properties of organic compounds  OR	5	Examination	1	EOY
AS91392 - Demonstrate understanding of equilibrium principles in aqueous systems	5	Examination	1	EOY
AS91389 - Demonstrate understanding of chemical processes in the world around us  AND	3	Examination	1	EOY
AS91411 Investigate a socioscientific issue in an Earth and Space Science context	4	Examination	1	EOY

03 PHYSICS ENGINEERING		03PHX	UE PATHWAY
<b>COURSE DESCRIPTION</b>	We will develop the skills and knowledge you learnt in Level 2 Physics. You will learn things such as the physics of music, mechanics of a rollercoaster, and how electrical components such as a capacitor and an inductor work in an AC circuit. This course is focused on the 3 externally assessed standards that are a requirement for entry into university engineering courses.		
<b>GUIDELINES FOR ENTRY</b>	You will need to have gained 14 credits in Level 2 Physics including 10 from external standards.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Workbook \$30 There may be an opportunity to extend learning with a field trip in this subject \$45		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91521 - Carry out a practical investigation to test a physics theory	4	Practical	1	T2 W2
AS91524 - Demonstrate understanding of mechanical systems	6	Exam	1	EOY
AS91526 - Demonstrate understanding of electrical systems	6	Exam	1	EOY
AS91523 - Demonstrate understanding of wave systems  OR	4	Exam	1	EOY
AS91522 - Demonstrate understanding of the application of physics to a selected context	3	Assignment	1	T3W5

03 CONTEXTUALISED PHYSICS		03PHY	UE PATHWAY
<b>COURSE DESCRIPTION</b>	Contextualised Physics is the application of the science of physics to develop new technologies, solve engineering problems, or examine social issues. In this course, we will develop and use Level 3 Physics knowledge within the context of these real-world applications.  Although the course offers more than 20 credits, the required 14 credits could be gained from any combination of the Level 3 standards provided by us, in consultation with the teacher, student and parents.		
<b>GUIDELINES FOR ENTRY</b>	You will need to have gained 14 credits in any Level 2 Science course, including 7 credits from Level 2 Physics.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Workbook or Education Perfect \$30 (optional) There may be an opportunity to extend learning with a field trip in this subject \$45		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91525 - Demonstrate understanding of Modern Physics	3	Assignment	1	T1 W8
AS91412 - Investigate the evidence related to dating geological event(s)	4	Assignment	1	T1 W8
AS91522 - Demonstrate understanding of the application of physics to a selected context	3	Assignment	1	T2 W3
AS91415 - Investigate an aspect of astronomy	4	Assignment	1	T3 W1
AS91411 - Investigate a socio-scientific issue in an Earth and Space Science context	4	Assignment	1	T3 W1
AS91523 - Demonstrate understanding of wave systems  OR AS91527 - Use physics knowledge to develop an informed response to a socio-scientific issue	4 OR 3	Examination OR Assignment	1	EOY  T3 W7

03 SCIENCE GENERAL		03SCG	UE PATHWAY
<b>COURSE DESCRIPTION</b>	You will be assessed against multiple Achievement Standards, contextualised within a given rich context. Three of the four contexts offered need to be completed over the course of the year. You will need to consider the number of credits and course endorsement when choosing which contexts you wish to study.		
<b>GUIDELINES FOR ENTRY</b>	You should have gained at least 14 credits from any Level 2 Science course and 4 from external standards.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Education Perfect \$30 There may be an opportunity to extend learning with field trips in this subject \$325		

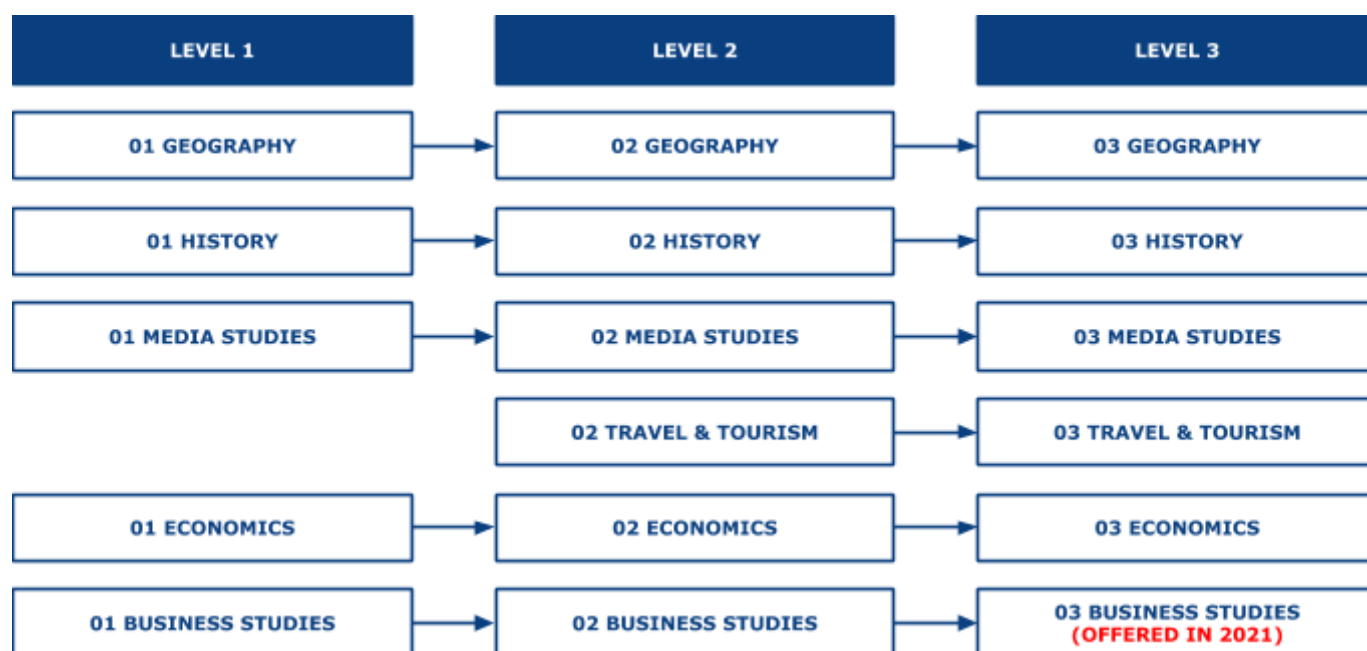
ASSESSMENT	CREDITS	TYPE	OPP	DATE
Context A for the following standards: Ocean Acidification  AS91411 - Investigate a socioscientific issue in an Earth and Space Science context AND AS91389 - Demonstrate understanding of chemical processes in the world around us	4  3	Assignment	1	T1W9
Context B for the following standards: Planet Earth and Beyond  AS91412 - Investigate the evidence related to dating geological event(s) AND AS91415 - Investigate an aspect of Astronomy	4	Assignment	1	T2 W4  T2 W10

Context C for the following standards: Diabetes AS91602 - Integrate biological knowledge to develop an informed response to a socio-scientific issue AND AS91604 - Demonstrate understanding of how an animal maintains a stable internal environment AND AS91607 - Demonstrate understanding of human manipulations of genetic transfer and its implications	3  3  3	Assignment  Assignment  Assignment	1  1  1	T2 W10
Context D: External exam AS91413 - Demonstrate understanding of processes in the ocean system OR AS91606 - Demonstrate understanding of trends in human evolution	4  4	Examination	1	EOY

03 SCIENCE APPLIED		03SCP	UE PATHWAY	
<b>COURSE DESCRIPTION</b>	We will cover standards from within the Earth and Space Science, Biology and Chemistry domains. You will be offered a minimum of 16 credits. There are no external assessments in this course or course endorsement considerations. You will be assessed against multiple Achievement Standards, contextualised within a given rich context. Two possible course options are given below.			
<b>GUIDELINES FOR ENTRY</b>	There are no prerequisite courses for entry into Science Applied courses. They are open to all students who wish to experience some science within their course.			
<b>STATIONERY &amp; COSTS (APPROX)</b>	NIL			

ASSESSMENT	CREDITS	TYPE	OPP	DATE
Context for the following standards: Ocean acidification AS91389 - Demonstrate understanding of chemical processes in the world around us AND AS91411 Investigate a socio-scientific issue in an Earth and Space Science context	3  4	Assignment  Assignment	1  1	T1 W11
Context for the following standards: Diabetes AS91602 - Integrate biological knowledge to develop an informed response to a socio-scientific issue AND AS91604 - Demonstrate understanding of how an animal maintains a stable internal environment AND AS91607 - Demonstrate understanding of human manipulations of genetic transfer and its implications	3  3  3	Assignment  Assignment  Assignment	1  1  1	T3 W3
Context for the following standards: Living on Mars AS91415 - Investigate an aspect of Astronomy	4	Assignment	1	T4 W4

# SOCIAL SCIENCES



03 GEOGRAPHY	03GEO	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>In Level 3 Geography we will learn about coastal processes which modify the environment and how tourism impacts people and place. You will also develop your understanding of global refugee &amp; IDP patterns and analyse a contemporary geographic issue. Your understanding and application of the geographic concepts of perspectives, change, interaction, sustainability, patterns and processes will be developed across the year.</p>	
<b>GUIDELINES FOR ENTRY</b>	<p>You will need at least 14 credits in Level 2 Geography or Level 2 Social Science, or an interest in geography and the approval of the Social Sciences Head of Department.</p>	
<b>STATIONERY &amp; COSTS (APPROX)</b>	<p>There may be an opportunity to extend learning with field trips in this subject \$250</p>	

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91432 - Analyse aspects of a geographic topic at a global scale	3	Assignment	1	T1 W6
AS91430 - Conduct geographic research, with consultation	3	Assignment	1	T2 W10
AS91431 - Analyse aspects of a contemporary New Zealand geographic issue	3	Assignment	1	T3 W6
AS91426 - Demonstrate understanding of how interacting natural processes shape a New Zealand environment	4	Examination	1	EOY
AS91427 - Demonstrate understanding of how a cultural process shapes geographic environment(s)	4	Examination	1	EOY



03 HISTORY		03HIS	UE PATHWAY
<b>COURSE DESCRIPTION</b>	In this course we will study contested history, considering 'whose' history is remembered, how it is told and how, as historians, we can challenge the master narrative. In this course we will learn about the contested issue of Genocide. The course begins by defining what Genocide is and we will explore why the historiography has been continually questioned and revised. We will have the option to look at a range of case studies, including the Holocaust and the 1994 Rwandan Genocide. For our assessment we will analyse the different perspectives that have been held by historians or politicians about Genocide over time. In Term 2, we will have the opportunity to choose an area of study, based on our individual interests. Students will analyse their chosen topic, considering the causes and course of the event, and how historical interpretation of this has been challenged. This course will develop skills in research, examining perspectives and interpreting historical evidence.		
<b>GUIDELINES FOR ENTRY</b>	You will need at least 14 credits in Level 2 History, or approval from the Head of Department/Teacher in Charge.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Exercise book or refill paper and folder		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91437 - Analyse different perspectives of a contested event of significance to New Zealanders	5	Assignment	1	T1 W8
AS91435 - Analyse an historical event, or place, of significance to New Zealanders	5	Assignment	1	T2 W7
AS91436 - Analyse evidence relating to a historical event of significance to New Zealanders	4	Examination	1	EOY
AS91438 - Analyse the causes and consequences of a significant historical event	6	Examination	1	EOY

03 MEDIA STUDIES		03MED	UE PATHWAY
<b>COURSE DESCRIPTION</b>	In Level 3 Media Studies we will critically examine the role of the media in shaping our lives and how this influences the lives and perceptions of others. The course will also explore the influence of society on media. Students will have the option of producing a short film, or researching the influence of new technology on the media and examining the representation of New Zealand in sitcoms.		
<b>GUIDELINES FOR ENTRY</b>	You will need at least 14 credits in Level 2 Media Studies, or approval at the discretion of the Head of Department/Teacher in Charge, based on your Level 2 results.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	1 clear file folder 1 USB 16GB (approx.) \$10 1 SD card (approx.) \$10		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91491 - Demonstrate understanding of the meaning of a media text through different readings	3	Assignment	2	T1 W8
AS91494 - Produce a design for a media product that meets the requirements of a brief	4	Assignment	1	T2 W4
AS91495 - Produce a media product to meet the requirements of a brief	6	Production	1	T3 W1
OR AS91496 - Demonstrate understanding of a significant development in the media	3	Assignment	1	T3 W2
OR AS91492 - Demonstrate understanding of the media representation of an aspect of New Zealand culture or society	3	Assignment	1	T3 W2
AS91491 - Demonstrate understanding of the meaning of a media text through different readings	3	Assignment	1	T3 W6
AS91493 - Demonstrate understanding of a relationship between a media genre and society	4	Examination	1	EOY

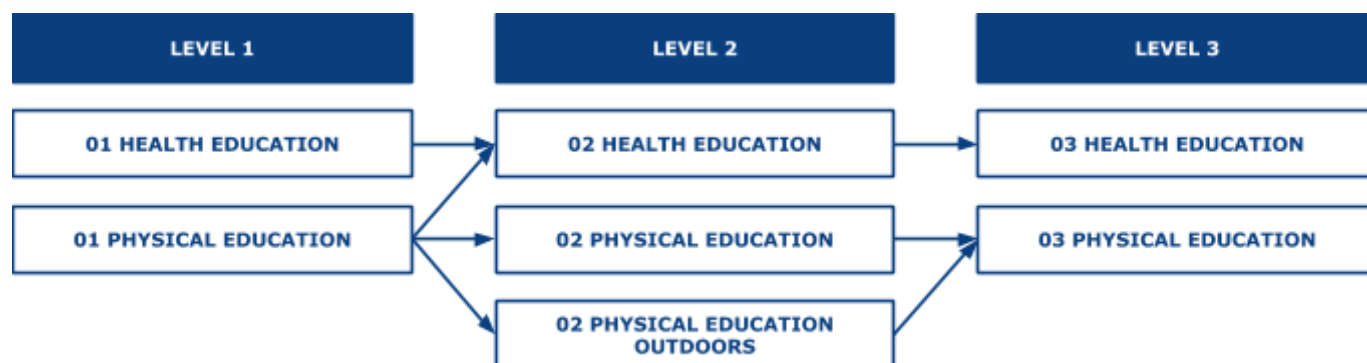
03 TRAVEL & TOURISM		03TOU
<b>COURSE DESCRIPTION</b>	In this course, we will learn about the value of tourism to the New Zealand economy and study New Zealand, Australia and the South Pacific as tourist destinations. We will cover features of the travel and tourism industry such as travel information to assist tourists, key geographic features and tourist attractions.	
<b>GUIDELINES FOR ENTRY</b>	NIL	
<b>STATIONERY &amp; COSTS (APPROX)</b>	1B5 exercise book	

ASSESSMENT	CREDITS	TYPE	OPP	DATE
US24725 - Describe and analyse the economic impact of tourism	4	Assignment	3	T1 W9
US23766 - Demonstrate knowledge of the tourism industry	5	Assignment	3	T2 W3
US28126 - Demonstrate knowledge of world geography, including the Pacific Islands and Australia, relevant to the travel industry	5	Assignment	3	T3 W10

03 ECONOMICS		03ECO	UE PATHWAY
<b>COURSE DESCRIPTION</b>	In Level 3 Economics we will learn about microeconomic models to gain an understanding of the efficiency of markets and the different market structures that exist. We will also learn about market failure and the government interventions needed to correct it.		
<b>GUIDELINES FOR ENTRY</b>	You will need 14 credits in Economics, or approval at the discretion of the Teacher in Charge, based on your Level 2 results.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Economics Workbook \$25		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91401 - Demonstrate understanding of micro-economic concepts	5	Assignment	1	T2 W2
AS91402 - Demonstrate understanding of government interventions to correct market failures	5	Assignment	1	T2 W10
AS91399 - Demonstrate understanding of the efficiency of market equilibrium	4	Exam	1	EOY
AS91400 - Demonstrate understanding of the efficiency of different market structures using marginal analysis	4	Exam	1	EOY

# HEALTH & PHYSICAL EDUCATION



03 HEALTH EDUCATION		03HED	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>This course explores the promotion of safety for self and society. The focus is on health practices in NZ, and ethical issues facing NZ and the Pacific, including drug issues in our society. We cover a variety of health concepts and strategies with strong links to both NZ and Pacific societies.</p> <p>We will develop an understanding of lifestyle, economic, social, cultural, political and environmental factors which influence health. We will also develop student ability to critically analyse national and international issues, and their impacts on society. Students will also analyse strategies for developing and making positive change.</p>		
<b>GUIDELINES FOR ENTRY</b>	You will have at least 10 credits in Level 2 Health. If you wish to take this subject and did not take Level 2 health you need to see the Head of Department.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Course cost \$40		

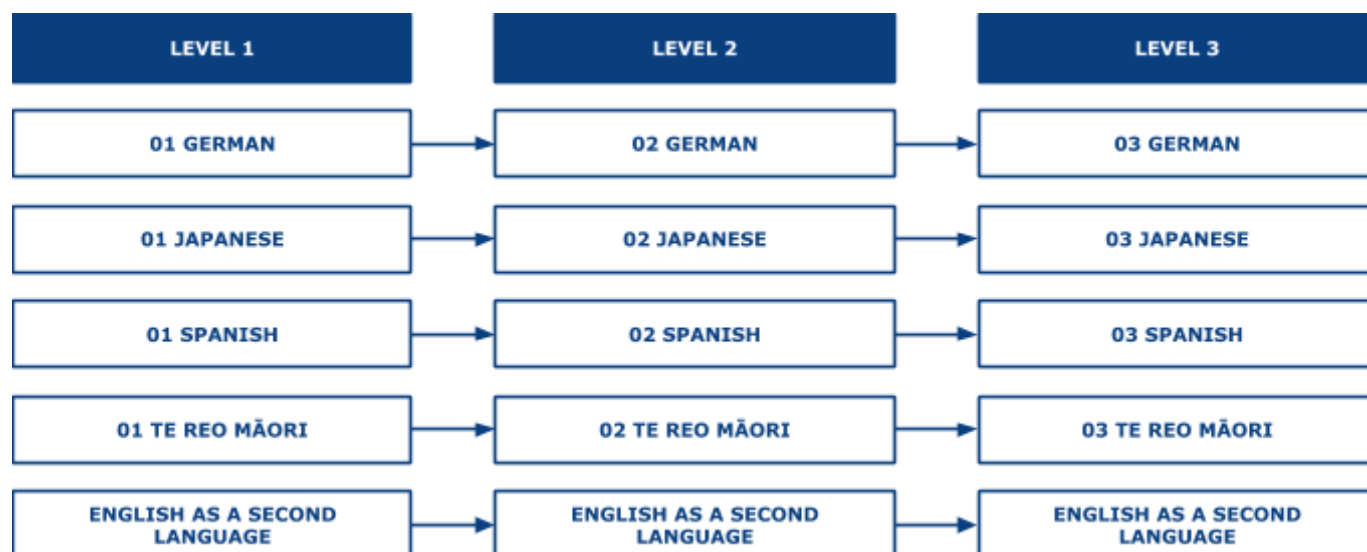
ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91463 - Evaluate health practices currently used in New Zealand	5	Assignment	1	T1 W8
AS91461 - Analyse a New Zealand health issue	5	Assignment	1	T2 W7
AS91464 - Analyse a contemporary ethical issue in relation to well-being	5	Assignment	1	T3 W4
AS91462 - Analyse an International health issue	5	Examination	1	EOY

**03 PHYSICAL EDUCATION****03PED****UE PATHWAY**

<b>COURSE DESCRIPTION</b>	<p>This course explores learning through movement contexts and by accepting challenges. The focus is on movement and its contribution to the development of self, others and society. We will develop intra and interpersonal skills by demonstrating positive values and attitudes. By engaging actively with the community we will have the opportunity to gain extensive experience, knowledge and confidence in leadership roles. We will engage in movement to promote and support the development of physical and social skills; foster critical thinking, and understand the significance of physical activity in our society.</p> <p>Ongoing development of key concepts, including biophysical principles, skill acquisition, research, risk management in an outdoor setting, active participation and sports performance will be used for learning. Travel to offsite venues such as Les Mills and Westwave are part of the programme. Some lunchtimes will be used for travel purposes.</p>
<b>GUIDELINES FOR ENTRY</b>	You will need to have completed Level 2 Physical Education with at least 14 credits. If you have not done Level 2 Physical Education you need to see the Head of Department.
<b>STATIONERY &amp; COSTS (APPROX)</b>	<p>Course cost \$120 Camp cost \$210 There may be an opportunity to extend learning with field trips in this subject</p>

<b>ASSESSMENT</b>	<b>CREDITS</b>	<b>TYPE</b>	<b>OPP</b>	<b>DATE</b>
AS91504 - Analyse issues in safety management for outdoor activity to devise safety management strategies	3	Assignment	1	T1 W9
AS91789 - Devise strategies for a physical activity outcome	4	Assignment	1	T2 W10
AS91500 - Evaluate the effectiveness of a performance improvement programme	4	Assignment	1	T3 W4
AS91501 - Demonstrate quality performance of a physical activity in an applied setting	4	Assignment/ Practical	1	T3 W4
AS91502 - Examine a current physical activity event, trend, or issues and its impact on New Zealand society	4	Assignment	1	T4 W3

# LANGUAGES



03 GERMAN		03GER	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>In this course we will work on literary, socio-political, and cultural topics. We will explore in-depth identity and culture through flavours and festivals in the German speaking world. We will discuss current events and trends, and focus on environmental problems we face and what steps we can take to solve these serious issues.</p> <p>In this course you will engage in sustained interaction and produce extended text in German. You will listen to, read and refer back to information, ideas, and opinions through increasingly complex and varied materials. Through exploring the views of others, and sharing personal perspectives you will develop greater cognitive flexibility, better problem solving and higher order thinking skills.</p>		
<b>GUIDELINES FOR ENTRY</b>	You will have at least 14 credits from Level 2 German and an interest in the course or approval from the Head of Department.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Language Perfect subscription \$25		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS 91549 - Give a clear spoken presentation in German that communicates a critical response to stimulus material	3	Assignment	2	T2 W6
AS 91552 - Write a variety of text types in clear German to explore and justify varied ideas and perspectives	5	Assignment	1	T3 W10
AS 91551 - Demonstrate understanding of a variety of extended written and/or visual German texts	5	Examination	1	EOY
AS 91548 - Demonstrate understanding of a variety of extended spoken German text	5	Examination	1	EOY

03 JAPANESE		03JAP	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>Are you interested in exploring Japan's geography, religions and history? In this course, we will explore and discuss a variety of social topics, and we will learn about what it is like for young Japanese people coming on a working holiday to New Zealand.</p> <p>In this course, you will engage in sustained interaction and produce extended text in TL. You will listen to, read and refer back to information, ideas, and opinions through increasingly complex and varied materials. Through exploring the views of others, and sharing personal perspectives you will develop greater cognitive flexibility, better problem solving and higher-order thinking skills.</p>		
<b>GUIDELINES FOR ENTRY</b>	A minimum of 14 credits in Level 2 Japanese, or approval from the Head of Department.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Language Perfect subscription \$25		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91554 - Give a clear spoken presentation in Japanese that communicates a critical response to stimulus material	3	Assignment	2	T3 W3
AS91557 - Write a variety of text types in clear Japanese to explore and justify varied ideas and perspectives	5	Assignment	1	T3 W10
AS91553 - Demonstrate understanding of a variety of extended spoken Japanese texts	5	Examination	1	EOY
AS91556 - Demonstrate understanding of a variety of extended written and/or visual Japanese texts	5	Examination	1	EOY

03 SPANISH		03SPA	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>In this course, we will explore aspects of Hispanic culture looking at traditional and modern values, cyberspace and the equality of human rights. We will explore artistic culture in the Hispanic world looking at the influences of idols, regional identity in Spain and its cultural heritage upon the world.</p> <p>In this course, you will engage in sustained interaction and produce extended text in Spanish. You will listen to, read and refer back to information, ideas, and opinions through increasingly complex and varied materials. Through exploring the views of others, and sharing personal perspectives you will develop greater cognitive flexibility, better problem solving and higher-order thinking skills</p>		
<b>GUIDELINES FOR ENTRY</b>	A minimum of 14 credits in Level 2 Spanish, or approval from the Head of Department.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Language Perfect subscription \$25		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91569 - Give a clear spoken presentation in Spanish that communicates a critical response to stimulus material	3	Assignment	2	T2 W1
AS91572 - Write a variety of text types in clear Spanish to explore and justify varied ideas and perspectives	5	Assignment	1	T3 W10
AS91571 - Demonstrate understanding of a variety of extended written and/or visual Spanish texts	5	Examination	1	EOY
AS91568 - Demonstrate understanding of a variety of extended spoken Spanish texts	5	Examination	1	EOY

<b>COURSE DESCRIPTION</b>	<p>In this course, we will explore traditional Māori myths and legends. This course aims to develop your creative skills through learning about traditional Māori conventions of Māori storytelling.</p> <p>In this course, you will develop skills in research and engage in sustained interaction and write expressively in te reo Māori. You will listen to and read information, ideas, and opinions through increasingly complex, varied and authentic te reo Māori materials.</p>
<b>GUIDELINES FOR ENTRY</b>	You will have at least 14 credits from Level 2 Te Reo Māori and an interest in the course, or approval from the Head of Department.
<b>STATIONERY &amp; COSTS (APPROX)</b>	Language Perfect subscription \$25

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91651 - Kōrero kia whakamahi i te reo Māori o te ao whānui	6	Assignment	1	T4 W1
AS91654 - Waihanga tuhinga whai take i te reo Māori o te ao whānui	6	Assignment	1	T4 W1
AS91652 - Pānui kia mōhio ki te reo Māori o te ao whānui	6	Examination	1	EOY
AS91653 - Tuhi i te reo Māori o te ao whānui	6	Examination	1	EOY

<b>COURSE DESCRIPTION</b>	This course provides students with the social, literacy and academic skills in English needed to succeed in the mainstream classroom and beyond. Emphasis is placed on academic language and learning the skills required to achieve in NCEA. Relevant courses are offered for students who are working towards gaining credits in NCEA Level 1 or Level 2.
<b>GUIDELINES FOR ENTRY</b>	This course is designed for students whose first language is not English. Entry will be based on an initial English Language assessment and an interview with the Teacher in Charge of ESL.
<b>STATIONERY &amp; COSTS (APPROX)</b>	NIL

**ASSESSMENT**

All areas in this course are internally assessed, with the opportunity to gain up to 26 credits from Unit Standards. The students on this course will be carefully guided in the type and number of standards attempted to best suit their learning needs.

# PERFORMING ARTS



03 DANCE	03DAN	UE PATHWAY
<b>COURSE DESCRIPTION</b>	In this course, we will cover choreography and performance skills. Within choreography, we will create and design all aspects of the dance including costume, lighting and staging. This course caters to your strengths in style and genre and you must be able to work independently. Level 3 Dance is a university-approved subject.	
<b>GUIDELINES FOR ENTRY</b>	You should have gained at least 14 credits in Level 2 Dance or complete a successful audition for the Head of Department	
<b>STATIONERY &amp; COSTS (APPROX)</b>	1x 2B8 exercise book Students may be offered the opportunity to extend their knowledge and skill base through workshops or live performances (approx.) \$20	

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91590 - Perform a solo or duet dance	4	Practical	1	T1 W10
AS91589 - Choreograph a dance to develop and resolve ideas	4	Practical	1	T2 W7
AS91592 - Perform a repertoire of contrasting dances	6	Practical	1	T3 W3
AS91594 - Analyse a dance performance	4	Examination	1	EOY



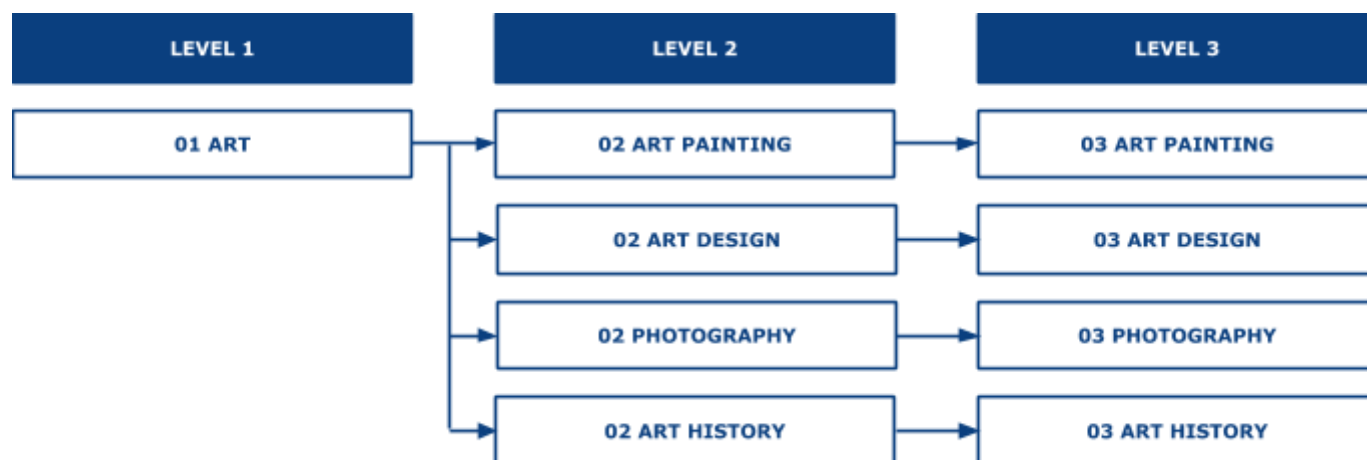
03 DRAMA		03DRA	UE PATHWAY
<b>COURSE DESCRIPTION</b>	In this course, we will develop a deeper understanding of performance drama through individual, pair and whole class performance assessments. We will continue to develop your techniques; by exploring well-known texts; devising your own script, and performing a substantial role in a class play for a public audience. This final assessment is a culmination of all aspects of Drama. The Level 3 Drama course builds on the knowledge and skills learnt in Level 2 Drama and will extend you if you have previous outside experience in drama.		
<b>GUIDELINES FOR ENTRY</b>	You should have gained at least 12 credits in Level 2 Drama or an audition with the Head of Department.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	1x 2B8 exercise book Students will have two opportunities to experience either professional live performances and/or in school workshops designed to support the internal and external standards		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91215 - Interpret scripted text to integrate drama techniques in performance	4	Practical	1	T1 W9
AS91513 - Devise and perform a drama to realise a concept.	5	Practical	1	T2 W9
AS91517 - Perform a substantial acting role in a significant production	5	Practical	1	T4 W1
AS91518 - Demonstrate understanding of live drama performance	4	Examination	1	EOY

03 MUSIC		03MUS	UE PATHWAY
<b>COURSE DESCRIPTION</b>	In this course, we will build on skills gained in Level 2 Music in performance, creative work, and musicology. The Level 3 course will differentiate to meet the needs and skills of each student individually. Students can bring up to two areas together i.e. performance and composition, OR, composition and musicology, OR, musicology and performance. Performance students will prepare a repertoire for solo and group performances which will take place in front of an audience. Students focusing on composition or songwriting will prepare a portfolio of original and imaginative work using genre-appropriate musical conventions to capture and represent substantial creative ideas. Students focusing on musicology will explore in-depth, contextual and analytical concepts about one substantial piece of music to complete one internal and one external standard.		
<b>GUIDELINES FOR ENTRY</b>	You must have taken Level 2 Music and gained at least 12 credits. You must be actively learning an instrument or having voice lessons, either through itinerant music lessons at school, or in regular private music lessons. The expectation is that you will attend at least one instrumental or vocal lesson once a week.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	NIL		

ASSESSMENT - Students will take a course of <u>no more than 22 credits</u>	CREDITS	TYPE	OPP	DATE
AS91416 - Perform two programmes of music as a featured soloist OR AS91425 - Research a music topic	8 6	Practical Assignment	2 1	T1 & T3 T3 W5
AS91418 - Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group OR AS91422 - Analyse a substantial music work	4 4	Practical Assignment	1	T2 W9
AS91419 - Communicate musical intention by composing three original pieces of music OR AS91849 - Compose three original songs that express imaginative thinking	8	Portfolio	3	T1 W9 T2 W5 T3 W7
AS91423 - Examine the influence of context on a substantial music work	4	External	1	EOY
*All internal assessments must be completed by the end of Term 3*				

# VISUAL ARTS



03 ART PAINTING	03PTG	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>This is a practical course. You will learn different painting and drawing techniques as the central means to generate, analyse, clarify and regenerate ideas towards the production of your own original work.</p> <p>We will teach you how to develop your skills, learning how to use appropriate and established painting and drawing materials and techniques to clarify your ideas.</p> <p>Your work will be developed in a systematic approach towards an external painting folio board and evaluate ideas and methods, both yours and established practice.</p>	
<b>GUIDELINES FOR ENTRY</b>	You will need 12 credits in one or more Level 2 Visual Arts subject(s).	
<b>STATIONERY &amp; COSTS (APPROX)</b>	<p>Basic Level 3 Visual Arts Stationery pack \$30            Specialised Visual Arts Painting pack is issued to all students at the beginning of the course \$66            Course fee (covers the NCEA boards and student colour photocopying) \$70</p> <p>*Please note this is a guideline only*</p>	

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91451 - Systematically clarify ideas using drawing informed by established Painting practice	4	Portfolio	1	T2 W10
AS91456 - Produce a systematic body of work that integrates conventions and regenerates ideas within Painting practice	14	Portfolio	1	T4 W2

03 ART DESIGN		03DES	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>In Design we will help you to extend the skills and knowledge gained in the Level 2 Design course and heighten your ability to analyse and decipher the visual world you are immersed in.</p> <p>We will broaden your theoretical understanding of Design practice through the independent investigation of contemporary designers to influence your work. You will increase your digital design expertise through individual practical exploration and continued application of the Adobe Creative Suite processes.</p> <p>We will extend your ability to critically investigate a personal proposition and fluently apply processes, materials, techniques and design conventions to produce an innovative and original body of work for the external folio submission.</p> <p>We will prepare you with skills necessary to be successful studying at Tertiary level in a range of courses such as Design, Fine Arts, Communications, Architecture and ICT based courses.</p>		
<b>GUIDELINES FOR ENTRY</b>	You will need 12 credits in one or more Level 2 Visual Arts subject(s) (Level 2 Design an advantage).		
<b>STATIONERY &amp; COSTS (APPROX)</b>	<p>Basic Level 3 Visual Arts Stationery pack \$30  Specialised Visual Arts Design pack is issued to all students at the beginning of the course \$25  Course fee (covers the NCEA boards and student colour printing) \$70</p> <p>*Please note this is a guideline only*</p>		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91450 - Systematically clarify ideas using drawing informed by established Design practice	4	Assignment	1	T2 W10
AS91455 - Produce a systematic body of work that integrates conventions and regenerates ideas within Design practice	14	Portfolio	1	T4 W2

03 ART PHOTOGRAPHY		03PHO	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>This is a practical course. You will expand on knowledge learnt in Level 2 Photography to generate, analyse, clarify and regenerate ideas towards the production of an NCEA Portfolio board for the external standard. We will teach you how to develop your skills, learning how to use appropriate and established photography techniques to clarify your ideas. All your work is based around taking photos in response to a theme which you propose at the beginning of the course.</p> <p>Your work will be developed in a systematic approach towards an external photography folio board and evaluate ideas and methods, both yours and established practice.</p>		
<b>GUIDELINES FOR ENTRY</b>	You will need 12 credits in one or more Level 2 Visual Arts subject(s) (Level 2 Photography an advantage).		
<b>STATIONERY &amp; COSTS (APPROX)</b>	<p>Basic Level 3 Visual Arts Stationery pack \$30  Specialised Visual Arts Photography pack is issued to all students at the beginning of the course \$15  Course fee (covers the NCEA boards and student colour printing) \$70</p> <p>*Please note this is a guideline only*</p> <p>Students are required to have access to their own Digital SLR camera.</p>		

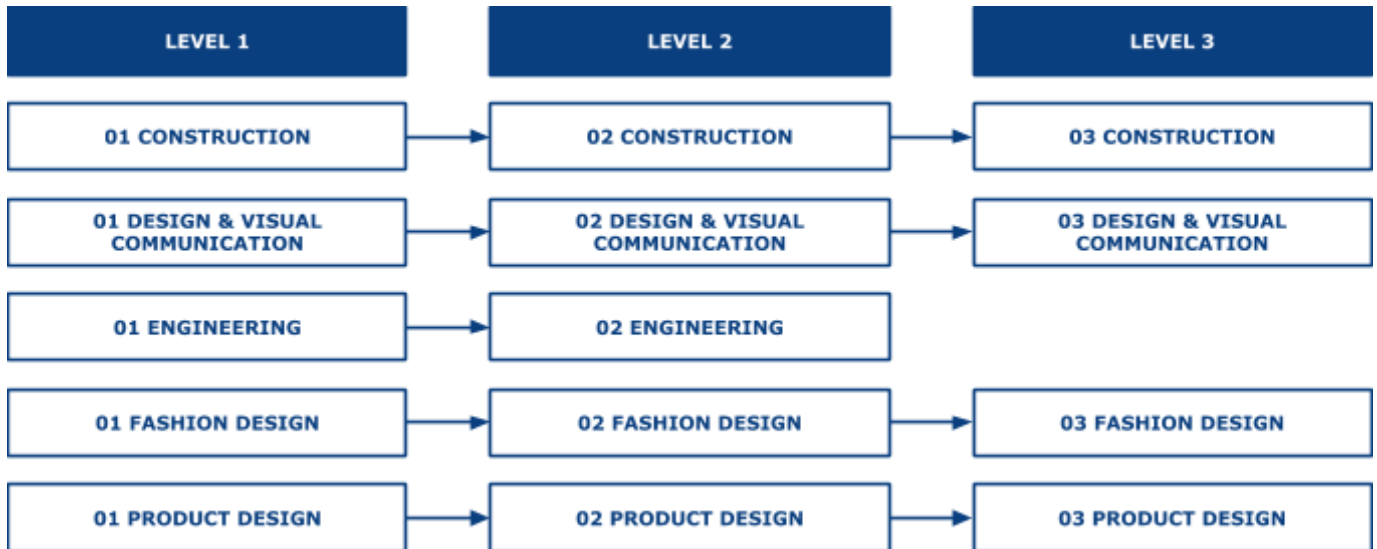
ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91452 - Systematically clarify ideas using drawing informed by established Photography practice	4	Internal	2	T2 W4
AS91457 - Produce a systematic body of work that integrates conventions and regenerates ideas within Photography practice.	14	External	1	T4 W2

**03 ART HISTORY****03ARH****UE PATHWAY**

<b>COURSE DESCRIPTION</b>	<p>In this course students look at the art and artists of the High Renaissance. By studying this period you will learn about the power behind visual images. By learning to analyse and critically unpick artworks you will be able to understand the hidden messages, the branding and propoganda that lies behind a work of art. Looking at historic art works will help you to understand our visual world now.</p> <p>You will look at the changing ideas and values placed on art works and we will teach you how to research, analyse and write in an informed discussion in response to artists, artworks and the context in which the work is made.</p>
<b>GUIDELINES FOR ENTRY</b>	You will need Level 2 Literacy (Level 2 Art History an advantage).
<b>STATIONERY &amp; COSTS (APPROX)</b>	<p>Students are issued with 2 course workbooks which includes information, tasks and images for this course \$30 each</p> <p>1x 2B8 lecture book for written notes</p>

<b>ASSESSMENT</b>	<b>CREDITS</b>	<b>TYPE</b>	<b>OPP</b>	<b>DATE</b>
AS91489 - Analyse texts about art	4	Assignment	1	T2 W1
AS91487 - Examine the different values placed on art works	4	Assignment	1	T2 W10
AS91488 - Examine the relationship(s) between a theory and art works	4	Assignment	1	T4 W1
AS91483 - Examine how meanings are communicated through art work	4	Examination	1	EOY
AS91484 - Examine the relationship(s) between art and context	4	Examination	1	EOY

# TECHNOLOGY



03 CONSTRUCTION	03CON TRADE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>This course will suit students looking at a pathway into the Building/Construction Industry.</p> <p>The Level 3 programme is supported by 'myBCITO'. We will undertake a project to manufacture a piece of outdoor furniture, before applying our knowledge and skill towards constructing a section of wall fit for purpose on a residential building. The course uses a digital toolkit - designed for both teachers and students to help build students' knowledge and prepare them to step into an apprenticeship covering a whole range of trades after leaving school. We will create a digital portfolio of work that is a record of our knowledge and skill, and is ongoing, always up-to-date, and a record of achievement that students can take with them into the building and construction industry.</p>
<b>GUIDELINES FOR ENTRY</b>	You will have gained at least 14 credits in either Level 2 Engineering/Level 2 Construction and/or Level 2 Product design. It is recommended to have an interview with the Teacher in Charge of Construction to determine the suitability of the course for your desired career pathway.
<b>STATIONERY &amp; COSTS (APPROX)</b>	Materials Cost \$140

ASSESSMENT	CREDITS	TYPE	OPP	DATE
US 29677 - Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment	2	Practical	2	T1 W10
US 29684 - Undertake a Stage 3 BCATS project	12	Practical	2	T3 W3
US 29682 - Select, use, and maintain tools, equipment and machinery for a stage 3 BCATS project	4	Practical	2	T3 W7

03 DESIGN & VISUAL COMMUNICATION		03DVC	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>In this course, we will use the skills and knowledge we have learnt in Year 11 and 12 to design and develop our own major project. We will develop a design brief that will be focussed on either the spatial (architectural) or product design field. At Level 3, we will extensively explore the design process to creatively solve and clearly record our development process. A resolved design will be developed into an exhibition that will be designed, installed and presented to an audience.</p> <p>This course can lead you onto Tertiary study in a range of different design fields, including Architecture, Landscape Design, Furniture Design, Interior Design, Product Design, Computer Design and other creative industries or employment.</p>		
<b>GUIDELINES FOR ENTRY</b>	You will have gained at least 14 credits from 02 Design and Visual Communication.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Specialist DVC Materials \$40.00		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91629 - Resolve a spatial design through graphics practice.	6	Portfolio	1	T2 W10
AS91630 - Resolve a product design through graphics practice.	6	Portfolio	1	T2 W10
AS91628 - Develop a visual presentation that exhibits a design outcome to an audience.	6	Portfolio	1	T3 W10
AS91627 Initiate design ideas through exploration.	3	Portfolio	1	T4 W2

03 FASHION DESIGN		03FDS	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>This is an academic and practical based course where students will learn about technological processes associated with soft materials which will be completed over three projects. The first is a skills-based project, aimed at building confidence in complex construction procedures. The second project, students will develop a conceptual design based on a chosen theme. In the third project, they will begin by learning complex pattern making techniques inspired by Tomoko Nakamichi to bring their final conceptual design from project 2 to life. The final conceptual design is manufactured using complex construction processes to produce an outcome that successfully meets all the requirements of the brief and specifications. Students end the course with a Fashion Show held at the Technology Exhibition.</p> <p>Fashion Design leads students to collate a portfolio of work that can be used towards any design based courses up to degree level and towards work in the fashion or interior design industries.</p>		
<b>GUIDELINES FOR ENTRY</b>	You will have gained at least 14 credits in 02 Fashion & Design and/or 02 Product Design.		
<b>STATIONERY &amp; COSTS (APPROX)</b>	Materials Cost \$85		

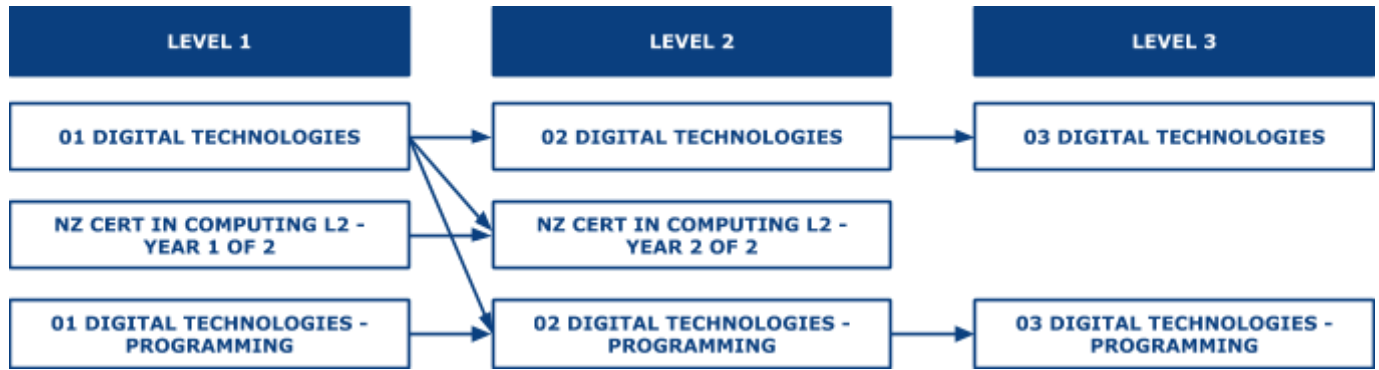
ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91621 - Implement complex procedures using textile materials to make a specified product	6	Practical/Portfolio	1	T1 W8
AS91610 - Develop a conceptual design considering fitness for purpose in the broadest sense	6	Portfolio	1	T2 W8
AS91626 - Draft a pattern to interpret a design for a garment	6	Practical/Portfolio	1	T3 W8
AS91627 - Initiate design ideas through exploration	4	Portfolio	1	T4 W2

03 PRODUCT DESIGN	03PRD	UE PATHWAY
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<b>COURSE DESCRIPTION</b>	<p>This is an academic and practical based course where we will investigate and address current issues and problems that need to be solved through the testing of ideas, modelling and prototyping. We have the opportunity to develop individual solutions, working alongside chosen clients and a range of stakeholders. Using the design process we will successfully manufacture a product that will address the requirements of the brief and specifications, at the same time recording all the technological evidence and processes we have followed.</p> <p>Product design leads to tertiary diploma and/or degree courses, technical apprenticeships, and working in the building and manufacturing and design industries.</p>
<b>GUIDELINES FOR ENTRY</b>	You would have gained 12 or more credits from either 02 Product Design, 02 Design & Visual Communication or 02 Fashion & Design.
<b>STATIONERY &amp; COSTS (APPROX)</b>	Materials Cost \$120

<b>ASSESSMENT</b>	<b>CREDITS</b>	<b>TYPE</b>	<b>OPP</b>	<b>DATE</b>
AS91608 - Undertake brief development to address an issue within a determined context	4	Assignment	1	T1 W10
AS91610 - Develop a conceptual design considering fitness for purpose in the broadest sense	6	Portfolio	1	T2 W10
AS91620 - Implement complex procedures to integrate parts using resistant materials to make a specified product.	6	Practical	1	T3 W10
AS91612 - Demonstrate how technological modelling supports technological development and implementation	4	Assignment	1	T4 W2

# DIGITAL TECHNOLOGIES



03 DIGITAL TECHNOLOGIES	03DIT	UE PATHWAY
<p><b>COURSE DESCRIPTION</b></p> <p>This course encompasses a wide variety of skills and will build on the knowledge and skills gained at Level 2. We will refine our capabilities in conceptual design, responsive web design, video production, developing user experiences and/or working with online databases.</p> <p>We will pick a pathway based on our passions and this will include three different streams, based on two different learning pathways. Essentially, we will pick projects that suit our interests whether it be responsive web design using HTML, CSS &amp; Bootstrap, or video production using industry-standard techniques and tools. And for the budding developers, there is the opportunity to integrate front and back end web design to create a fully functional solution for a small business.</p>		
<p><b>GUIDELINES FOR ENTRY</b></p> <p>To enter this course you should have gained at least 14 credits in Level 2 Digital Technologies, or have the approval of the Teacher in Charge. To enter this course you should have gained at least 14 credits in Level 2 Digital Technologies, or have the approval of the Teacher in Charge.</p>		
<p><b>STATIONERY &amp; COSTS (APPROX)</b></p> <p>NIL</p>		

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91900 - Conduct a critical enquiry to propose a digital technologies outcome	6	Assignment	1	T1 W10
AS91901 - Apply user experience methodologies to develop a design for a digital outcome	3	Assignment	1	T2 W8
AS91903 - Use complex techniques to develop a digital media outcome	4	Assignment	1	T3 W8
AS91909 - Present a reflective analysis of developing a digital outcome	3	Assignment	1	T4 W2

OR

ASSESSMENT	CREDITS	TYPE	OPP	DATE
AS91900 - Conduct a critical enquiry to propose a digital technologies outcome	6	Assignment	1	T1 W10
AS91903 - Use complex techniques to develop a digital media outcome	4	Assignment	1	T2 W8
AS91902 - Use complex techniques to develop a database	4	Assignment	1	T3 W8
AS91909 - Present a reflective analysis of developing a digital outcome	3	Assignment	1	T4 W2



<b>COURSE DESCRIPTION</b>	In this course, we will learn the digital technology concept of artificial intelligence, explaining the mechanism behind the concept and the problems or issues related to the concept. We will also write an application using a text-based programming language like C#. The application will be a Graphical User Interface (GUI) and the data will be stored in files. This application will be planned and developed using project management tools, deconstructing the problem into smaller components. We will explain networking concepts and use appropriate tools, procedures, protocols and techniques when installing, and configuring hardware, software and peripherals for a specified network. We will also test, diagnose and troubleshoot configuration faults for a network.
<b>GUIDELINES FOR ENTRY</b>	To enter this course you should have gained at least 14 credits in Level 2 Digital Technologies - Programming, or have the approval of the Teacher in Charge.
<b>STATIONERY &amp; COSTS (APPROX)</b>	NIL

<b>ASSESSMENT</b>	<b>CREDITS</b>	<b>TYPE</b>	<b>OPP</b>	<b>DATE</b>
AS91906 - Use complex programming techniques to develop a computer program	6	Assignment	1	T2 W6
AS91907 - Use complex processes to develop a digital technologies outcome	6	Assignment	1	T2 W6
AS91905 - Use complex techniques to develop a network	4	Assignment	1	T3 W5
AS91908 - Analyse an area of computer science	3	Assignment	1	T4 W2

# HOME ECONOMICS



03 FOOD & NUTRITION		03FAN	UE PATHWAY
<b>COURSE DESCRIPTION</b>	<p>In this course we will cover theory and practical work. Topics include: applying nutrition knowledge to a variety of scenarios; developing an understanding of food choice issues in an increasingly complex environment; planning, preparing, cooking and serving food for informal and formal occasions; and developing cooking skills and managing a work area safely and efficiently.</p> <p>Students will select 2 out of the 4 internal standards to complete.</p>		
<b>GUIDELINES FOR ENTRY</b>	<p>You will have gained at least 14 credits or more in Level 2 Food &amp; Nutrition, or will have an interview with the Teacher in Charge to determine the suitability of the course for your desired career pathway.</p>		
<b>STATIONERY &amp; COSTS (APPROX)</b>	<p>Food ingredients \$100 Exercise book 1B8 or folder</p>		

ASSESSMENT	TYPE	OPP	DATE
AS91466 - Investigate a nutritional issue affecting the well-being of a New Zealand Society	Assignment	1	T1 W8
AS91468 - Analyse a food related ethical dilemma for New Zealand society	Assignment	1	T2 W5
AS91467 - Implement an action plan to address a nutritional issue affecting the well-being of New Zealand society	Assignment	1	T1 W8
AS91460 - Investigate the influence of multinational corporations on eating patterns in New Zealand	Assignment	1	T2 W5
AS91470 - Evaluate conflicting informational relevant to well-being in New Zealand	Examination	1	EOY
AS91471 - Analyse the influences of food advertising on well-being	Examination	1	EOY

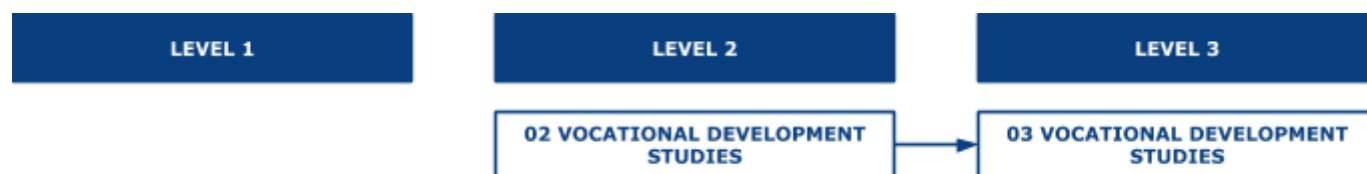
03 HOSPITALITY		03HOS
<b>COURSE DESCRIPTION</b>	In this course we will cover theory and practical work. Topics include: applying knowledge of nutrition to menu planning, meeting the nutritional needs of others; developing an understanding of food choices and issues in an increasingly complex environment; planning, preparing, cooking and serving food for informal and formal occasions; managing a work area safely and efficiently.	
<b>GUIDELINES FOR ENTRY</b>	You will have gained at least 14 credits or more in either Level 2 Hospitality but this is not compulsory. Or have an interview with the Teacher in Charge to determine the suitability of the course for your desired career pathway. You are encouraged to seek practical experience in a commercial cooking environment.	
<b>STATIONERY &amp; COSTS (APPROX)</b>	Food costs \$100 1B8 Exercise book	

ASSESSMENT	CREDITS	TYPE	OPP	DATE
US13331 - Prepare and cook pickles, chutneys, and preserves in a commercial kitchen	4	Assignment /Practical	2	T1
US168 - Demonstrate knowledge of food contamination hazards, and control methods used in a food establishment	4	Assignment /Practical	2	T2
US13343 - Demonstrate knowledge of basic nutrition in commercial catering	5	Assignment /Practical	2	T2
US18497 - Demonstrate knowledge of culinary products and terms	8	Assignment /Practical	2	T3

03 EARLY CHILDHOOD EDUCATION		03ECE
<b>COURSE DESCRIPTION</b>	<p>In this course, we continue to develop knowledge and skills in the practical care and education of young children in a New Zealand early childhood education setting. All assessments are internal Unit Standards and contribute to the National Certificate in Early Childhood Care and Education.</p> <p>Students will be required to participate in a placement at an ECE service for two days during Term 3 or 4 to complete practical components of three assessment tasks.</p>	
<b>GUIDELINES FOR ENTRY</b>	Successful completion of Level 2 ECE or by approval of the Teacher in Charge.	
<b>STATIONERY &amp; COSTS (APPROX)</b>	A 2B8 exercise book OR a 60 page clear file	

ASSESSMENT	CREDITS	TYPE	OPP	DATE
US20406 - Describe the benefits of effective communication with parents, family and whānau	4	Assignment	1	T1 W7
US10013 - Explain the purpose, structure and relevance of Te Whāriki	2	Assignment	1	T1 W10
US26707 - Describe the value of play and create resources for children's development and learning in an ECE service	6	Assignment	1	T3 W10
US10019 - Provide a safe environment for young children	4	Assignment	1	T3 W10
US26708 - Develop reciprocal and responsive relationships with a child in an ECE service	5	Assignment	1	T3 W10

# VOCATIONAL DEVELOPMENT STUDIES



03 VOCATIONAL DEVELOPMENT STUDIES		03VOC
<b>COURSE DESCRIPTION</b>	<p>In Vocational Development Studies, we will help you become work-ready, whether you are looking for part-time work while studying, or preparing yourself for the world of work post-school. All Vocational Development Studies students will build their employability competencies by completing the Youth Employability Programme - Licence to Work (YEP). The YEP incorporates skill-building workshops, voluntary service and work experience placements which all focus on building young peoples' skills in the seven employability competencies that employers have identified as most important. Along with employability skills, the topics covered in the Vocational Development Studies course will teach you how to create a C.V., set career goals, and gain a learners driving licence.</p> <p>This course could lead to further tertiary study and/or transition into employment in the customer service industry.</p>	
<b>GUIDELINES FOR ENTRY</b>	Students will be expected to enrol in the Gateway Programme in order to complete the work experience requirement of the course and be prepared to take part in volunteering events	
<b>STATIONERY &amp; COSTS (APPROX)</b>	1B5 exercise book	

ASSESSMENT	CREDITS	TYPE	OPP	DATE
Plan a career pathway	2	Assignment	2	T1 W7
Contribute within a team or group which has an objective	3	Assignment	2	T1 W11
Develop a plan to achieve a long-term personal financial goal(s)	4	Assignment	2	T2 W5
Listen actively to gain information in an interactive situation	3	Assignment	2	T2 W6
Interview in informal situations	3	Assignment	2	T1 W10
Respond to oral one-to-one complaints	2	Assignment	2	T3 W6
Employ customer service techniques to accommodate customer behavioural styles in a workplace	2	Assignment	2	T3 W6

# SENIOR BRIDGING PROGRAMME



01 SENIOR BRIDGING PROGRAMME		01SBP
<b>COURSE DESCRIPTION</b>	This programme will allow you to complete standards from the NCEA Supported Learning suite. There will also be an opportunity for you to access Level One literacy and numeracy standards as appropriate.	
<b>GUIDELINES FOR ENTRY</b>	For you to be eligible for the Senior Bridging Programme you will need to have completed the Year 9 and Year 10 Junior Bridging Programme.	
<b>STATIONERY &amp; COSTS (APPROX)</b>	NIL	

ASSESSMENT
New Zealand Certificate in Skills for Living for Supported Learners (Level One).

## SELECTING YOUR COURSE FOR 2020



Think about what subjects/things you are good at and/or what you want to do once you have finished with high school.

I am good at doing...

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In the future I am interested in doing...

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Talk to people about your ideas or to help you get ideas. Try talking to subject teachers, older students or siblings, your form teacher, your parents, your dean, careers staff.

You can also use web sites such as [www.careers.govt.nz](http://www.careers.govt.nz) or MyCareerMatch or CareerQuest.

I have talked my ideas through with...

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Make sure you understand the requirements and/or prerequisites for the pathway you are interested in. Remember to be realistic.

The requirements or prerequisites I need to be able to achieve this are...

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Complete the Course Selection Form

I have completed the planning sheet on the reverse of this sheet.

CURRICULUM AREA	COURSES	CODES
ENGLISH	03 English Academic 03 English General 03 English Applied	03ENA 03ENG 03ENP
MATHEMATICS	03 Calculus Extension 03 Calculus 03 Statistics 03 Mathematics General 03 Accounting	03MCX 03CAL 03STA 03MAG 03ACC
SCIENCES	03 Biology 03 Chemistry 03 Physics Engineering 03 Contextualised Physics 03 Science General 03 Science Applied	03BIO 03CHE 03PHX 03PHY 03SCG 03SCP
SOCIAL SCIENCES	03 Geography 03 History 03 Media Studies 03 Travel & Tourism 03 Economics	03GEO 03HIS 03MED 03TOU 03ECO
HEALTH & PHYSICAL EDUCATION	03 Health Education 03 Physical Education	03HED 03PED
LANGUAGES	03 German 03 Japanese 03 Spanish 03 Te Reo Māori 03 English as a Second Language	03GER 03JAP 03SPA 03MĀO 03ESL
PERFORMING ARTS	03 Dance 03 Drama 03 Music	03DAN 03DRA 03MUS
VISUAL ARTS	03 Art Painting 03 Art Design 03 Art Photography 03 Art History	03PTG 03DES 03PHO 03ARH
TECHNOLOGY	03 Construction 03 Design and Visual Communication 03 Fashion Design 03 Product Design	03CON 03DVC 03FDS 03PRD
DIGITAL TECHNOLOGIES	03 Digital Technologies 03 Digital Technologies - Programming	03DIT 03DTP
HOME ECONOMICS	03 Food and Nutrition 03 Hospitality 03 Early Childhood Education	03FAN 03HOS 03ECE
VOCATIONAL DEVELOPMENT STUDIES	03 Vocational Development Studies	03VOC
SENIOR BRIDGING PROGRAMME		03SBP

*The content of this handbook is correct at the time of printing. Course availability is dependent on numbers and staffing, and course entry cannot be confirmed until the beginning of 2020.*