



St Paul's
COLLEGIATE SCHOOL



YEAR 11-13 CURRICULUM CHOICES

2018

FOREWORD

“Preparing students for life in the global environment by providing challenging educational experiences that realise their full potential through faith, virtue and excellence in performance.”

St Paul’s Collegiate School Vision

St Paul’s operates on the philosophy that students should follow a balanced, general education, at least until the end of Year 11. We also believe that students should place an emphasis on both specific career pathways and obtaining a strong educational base.

It is also important that students select a course that is within their capabilities as changing subjects during the course of the year is disruptive to the learning process.

When considering their course selection for next year, students should:

- consider their strengths and interests in the various areas of study
- look at the teaching approach in each of the courses and consider whether they suit that style of teaching and learning
- establish the tertiary requirements for the possible careers that they might be considering
- follow a course of study that keeps as many career choice options open as possible
- seek advice from Housemasters, Subject Teachers, Career Planning Staff, Mrs Bradford - Assistant Headmaster or Mr Hampton – Deputy Headmaster (Academic).

Every effort has been made to keep this booklet accurate. Please note that if there is insufficient demand for a subject, it might not be offered in 2018. In addition, timetabling constraints may result in some subject combinations not being available. For these reasons, the proposed subject and courses document, which comes with this booklet, is provisional only.

It is essential that time and energy is invested in the course selection process to ensure that students have a course that is challenging, enriching and within their capabilities.

We look forward to assisting students make these important decisions.



Mr P Hampton M.Ed. BSc, Dip Tchg
Deputy Headmaster (Academic)

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PROCEDURE FOR COURSE AND SUBJECT SELECTION

Step 1		You will have received an email that has a link to the 2018 Course Curriculum Booklet.
Step 2		A second email will be forwarded to you for electronic selection of subjects for 2018. This is a simple procedure where you will need to click the boxes to choose your subjects. Courses must be selected by 1 September 2017 .
Step 3		A course confirmation email will be sent to parents at the end of 2017.
Step 4		<p>If you wish to change subjects because of external examination results or because of altered career plans, this can be done either at the course confirmation days in January or by contacting Mr Hampton (Deputy Headmaster – Academic) prior to these days.</p> <p>Email: p.hampton@stpauls.school.nz Phone: 957-8858</p>
Step 5		No further course changes will be permitted after Friday 9 February 2018.
Note:		Any student wanting to take a combination of subjects at different levels must see Mr Hampton in order to select their subjects, and not enter them electronically.

COURSE AND SUBJECT GUIDELINES

GENERAL POINTS

1. How the curriculum is organised at St Paul's

The curriculum at St Paul's is based on the principle that all students should follow a path of broad and balanced general education, which keeps their options open until at least the end of Year 11.

After that, in Years 12 and 13, students have the opportunity to continue on this path or to follow increasingly specialised courses if they have planned specific career paths.

2. What to keep in mind when choosing Year 11, 12 and 13 subjects

The choice of optional subjects for Years 11, 12 and 13 must be made very carefully. You should select courses that allow you to gain entry to the University/Institute of Technology programme which best fits your career direction(s) and personal profile established by career planning.

The following areas should also be considered:

Interests and abilities

You should work to your strengths and talents. Taking subjects you like and are good at, needs to be balanced against taking subjects you require (and may not like or be good at) to make sure you gain entry to the course(s) you most want to get into at University or Institute of Technology. Check for required/recommended subjects on the Kiwi Careers database (www.careers.govt.nz or <http://youthguarantee.net.nz/start-your-journey/> <http://www.bulls-eye.co.nz>)

Essential skills

Your course should include a range of subjects which give you the opportunity to keep developing key competencies as outlined in the New Zealand Curriculum document. These key competencies are capabilities for living and lifelong learning. They are the key to learning in every learning area in that they are both a focus for learning and they enable learning. They are: *Thinking; using language symbols and texts; managing self; relating to others; participating and contributing.*

Further education

The beginning of Year 11 is the start of your senior studies. You will need to keep in mind how your choice of subjects will allow you to progress to higher levels, at school or in tertiary education. Some subjects are more difficult to start at Year 12 than at Year 11. If you intend doing any of the following subjects in Year 12, it is advisable to study them in Year 11: *Accounting, Chemistry, French, Music, Physics, and Technology.*

Career planning

Once you have set one or more initial career directions and picked your courses, you will need to check out the possible careers in those directions. Talk with an Old Collegian in the field, or someone your family knows. Spend a day working alongside someone in that occupation or email the organisations listed on the Kiwi Careers Services database. <http://www.careers.govt.nz/>

Keep your options open. Be flexible. Specialise only when you have set clear career directions and goals.

YEAR 12

Compulsory Subject:

English

Considering Careers:

Agriculture / Farming/Agribusiness

Building Science / Architecture

Commerce

Communications

Computer Science

Design / Media / Art

Engineering

Health Science

Hospitality / Tourism

Law

Sports Science / Coaching

Science

Veterinary Science

Subjects Recommended:

Biology / Chemistry / Geography / Agriculture / Agribusiness

Physics / Graphics / Art / Technology

Accounting / Economics / Agribusiness

Media or History or Classics or Drama

Digital Technology / Mathematics / Physics

Art / Design / Graphics / Photography

Chemistry / Physics / Technology

Biology / Chemistry / Physics

Tourism

English / History or Geography

Physical Education / Biology

Science / Chemistry/ Physics / Biology

Biology / Chemistry / Physics

YEAR 13

Strongly Recommended:

English enriched subjects: Classics, Geography
Art History, History and Media.

Considering Careers:

Agriculture / Farming/ Agribusiness

Building Science / Architecture

Commerce

Communications

Computer Science

Design / Media / Art

Electronics / Aviation

Engineering

Health Science

Law

Sports Science / Coaching

Science

Veterinary Science

Subjects Recommended:

Biology / Chemistry / Geography / Agriculture /
Agribusiness

Physics / Graphics / Art / Technology / Calculus

Accounting / Economics / Statistics / Agribusiness

Media or History or Classics or Drama

Digital Technology / Mathematics / Physics

Art / Design / Photography

Electronics / Physics

Chemistry / Physics / Calculus / English

Biology / Chemistry / Physics / Physical Education

English / History or Geography

Physical Education / Biology

Science / Chemistry/ Physics / Biology

Biology / Chemistry / Physics / Statistics

3. Who to talk to for information and advice

It is important that students and parents gather as much information and advice as possible when choosing subjects for the senior school. This may be available from sources outside the school.

Inside school, please do not hesitate to consult any of the following people:

For general educational and curriculum advice:

- Deputy Headmaster (Academic) – Mr Hampton
- Housemasters
- Subject teachers and heads of departments
- Careers Teacher – Mr Wilson

For advice about individual learning needs:

- Head of the Learning Resource Department – Mrs Basel
- International Students' Director – Mrs Richardson

For career planning:

- Careers Teacher – Mr Wilson

Parents are welcome to come to School to discuss together with the Career Planning Staff and their son or daughter, any matter concerning career planning and subject choice.

Something to remember

Avoid choosing subjects just for ease of gaining credits, or for teacher preference, or because a friend is taking that subject.

NEW ZEALAND SCHOLARSHIP EXAMINATIONS

Success in New Zealand Scholarship Examinations represents the pinnacle of academic achievement for secondary school students. In addition to the substantial monetary awards available to successful candidates, the examinations provide students with a rigorous assessment that compares well with the experience of studying a tertiary qualification.

St Paul's Collegiate School has enjoyed a great deal of success with New Zealand Scholarship and is the top school in the region, and one of the top nationally, for the number of scholarships gained per student.

To build on this success, and to affirm St Paul's commitment to providing education of the highest quality, the School has developed specialised scholarship programmes for its students.

SCHOLARSHIP SUBJECT TUITION

Students at St Paul's are welcome to enter for New Zealand Scholarship in any subject that the School offers.

The Heads of each Department within the School offer subject-specific programmes of tuition designed to give their scholarship candidates the best chance of success.

Tutorial sessions are offered for most subjects and run in the mornings prior to school or at lunchtimes. These sessions are regarded as compulsory for students that are serious about entering Scholarship at the end of the year.

At the beginning of each academic year a group of Year 13, and some exceptional Year 12, students are selected to be part of the School's scholarship group; based on their previous academic results and their potential as genuine scholarship candidates.

The group meets regularly for generic skills seminars and to hear from guest speakers. St Paul's have identified that deficiencies in certain generic skills can form significant barriers to success in New Zealand Scholarship for even the very best academics. These skills include essay writing, question interpretation, exam technique and revision skills.

To address this, a number of teachers have contributed to a seminar programme designed to ensure that the students enter the end of year examinations armed with this skill set. These seminars are for the whole scholarship group.

Mentors are also provided to offer advice in areas such as time management, workload management and study planning. The mentor is also there to assist students in finding and applying for other scholarship funding available through a variety of sources.

In addition to the money earned from success in New Zealand Scholarship, each year a number of students are assisted by the Deputy Headmaster (Academic) to secure further scholarships worth tens-of-thousands-of-dollars. Some students have gained full study scholarships worth in excess of \$100,000.

New Zealand Scholarship examinations are an extra examination that is sat alongside NCEA. Please note on Page 9 all eligible subjects for New Zealand Scholarship. Teachers will talk with students at the start of the school year with regards to the requirements of sitting New Zealand Scholarship examinations. New Zealand Scholarship can be sat by Year 11, Year 12 and Year 13 students who are eligible.

SUBJECTS AVAILABLE – (NCEA UNLESS OTHERWISE STATED)

Key: ○ = Subject is available at this level but previous learning is required
● = Subject may be started at this level

SUBJECT	YEAR 11	YEAR 12	YEAR 13	SCHOLARSHIP
Accounting	●	●	○	✓
Agriculture/Horticulture Studies	●	●	●	✓
Centre of Excellence (COE) Agricultural Science and Business Programme		●	●	
Art - Practical Art	●			
- Painting		○	○	✓
- Photography		●	○	✓
- Design	●	●	○	✓
Art History			●	✓
Biology		●	○	✓
Biology (Cambridge)	●			
Chemistry		●	○	✓
Chemistry (Cambridge)	●			
Classical Studies			●	✓
Digital Technology (Computing)	●	●	●	
Drama	●	●	●	✓
Economics	●	●	●	✓
Electronics		●	○	
English	○	○	○	✓
English (Cambridge)	●	○	○	
Enhanced Learning	○			
ESOL	●	●	●	
French	○	○	○	✓
Geography	●	●	●	✓
Design & Visual Communication (Graphics)	●	●	○	✓
History	●	●	●	✓
Mathematics	○	○		
Mathematics (Cambridge)	●	○		
Mathematics with Calculus		○	○	✓
Mathematics with Statistics and Modelling		○	○	✓
Media Studies		●	●	
Maori	○	○	○	✓
Music	○	○	○	✓
Physics		●	○	✓
Physics (Cambridge)	●			
Science (General)	●			
Science (Earth and Space)		●	●	✓
Spanish	○	○	○	
Sports Science – Advanced Physical Education	●	●	●	✓
Technology - Elementary Construction			●	
- Engineering - Metal	●	○	○	
- Furniture Making	●	○		
Tourism		●	●	
Transition		●	●	

NB: Availability may be restricted by demand, staffing and timetable requirements

SENIOR CURRICULUM OPTIONS

Key			
IGCSE	Cambridge International Exams (CIE) - Year 11		
AS	Cambridge International Exams (CIE) - Year 12		
A	Cambridge International Exams (CIE) - Year 13		
101/201/301	Primarily Achievement Standards		
102/202/302	Primarily Achievement Standards course with slightly smaller content		
103/203/303	Unit Standard Courses		

Area	Year 11 – Level One	Year 12 – Level Two	Year 13 – Level Three
The Arts	Art Design (101)	Art - Design (201)	Art - Design (301)
	Art (101)	Art - Painting (201)	Art - Painting (301)
		Art - Photo (201)	Art - Photo (301)
			Art History (301)
	Music (101)	Music (201)	Music (301)
	Drama (101)	Drama (201)	Drama (301)
Language/ Languages	English (IGCSE) (CIE)	English (AS) (CIE)	English (A) (CIE)
	English (101)	English (201)	English (301)
	English (102)	English (202)	English (302)
	ESOL (103)	ESOL (203)	ESOL (303)
	French (101)	French (201)	French (301)
	Spanish (101)	Spanish (201)	Spanish (301)
	Te Reo Māori (101)	Te Reo Māori (201)	Te Reo Māori (301)
		Media Studies (201)	Media Studies (301)
Mathematics	IGCSE Maths	Maths (AS) (CIE)	
	Mathematics (101)	Statistics and Calculus (201)	Calculus (301)
		Statistics (201)	Statistics and Modelling (301)
	Mathematics (102)	Mathematics (202)	Statistics and Modelling (302)
Science	Ag Horticulture (101)	Ag Horticulture (201)	Agricultural Studies
		COE Agribusiness (201)	Agribusiness (301)
	Biology (IGCSE) (CIE)	Biology (201)	Biology (301)
	Chemistry (IGCSE) (CIE)	Chemistry (201)	Chemistry (301)
	Physics (IGCSE) (CIE)	Physics (201)	Physics (301)
	Science (101)	Earth & Space Science (201)	Earth & Space Science (301)
	Science (102)		
		Electronics (203)	
Social Sciences	Accounting (101)	Accounting (201)	Accounting (301)
			Classical Studies (301)
	Economics (101)	Economics (201)	Economics (301)
	Geography (101)	Geography (201)	Geography (301)
	History (101)	History (201)	History (301)
		Tourism (203)	Tourism (303)
Sports Science	Sports Science (101)	Sports Science (201)	Sports Science (301)
Technology	Materials Tech (101)		National Certificate - Elementary Construction
	Furniture Making (103F)	Furniture Making (203F)	
	Metal Engineering (103E)	Metal Engineering (203E)	Metal Engineering (303E)
	Design & Visual Communication (Graphics) (101)	Design & Visual Communication (Graphics) (201)	Design & Visual Communication (Graphics) (301)
	Computer Science (101)	Computer Studies (201)	Computer Studies (301)
	Computer Applications (102)	Computer Applications (202)	Computer Applications (302)
Other	Enhanced Learning	Transition (203)	Transition (303)

LEADERS OF CURRICULUM/ HEADS OF DEPARTMENT/ HEADS OF SUBJECTS

THE ARTS	LANGUAGES	MATHEMATICS
LOC: Mr B Rawson	LOC: Mr J Coley	LOC: tbc
Practical Art Mrs K Saunders	English Mr J Coley	Mathematics tbc
Art Photography Mrs K Saunders	English for Speakers of Other Languages (ESOL) Mrs H Richardson Mrs L Elliott	Statistics and Modelling tbc
Art Design Mrs K Saunders	French Mr R Aldridge	Mathematics with Calculus tbc
Art History Mrs C Coates	Te Reo Māori Mr T Thompson	
Drama Mr B Rawson	Spanish Mr M Simoncelli	
Music Mrs M Flint	Media Studies Mr J Howard	
SCIENCE	SOCIAL SCIENCES	TECHNOLOGY
LOC: Mr D Smith	LOC: Mr M Markham	LOC: Mr A Harries
Science Mr K Hogg	Accounting tbc	Materials Technology Mr A Harries
Ag Horticulture Mr C Foot	Economics tbc	Elementary Construction/ Engineering/ Furniture Making Mr A Harries
Agribusiness and COE Programme Mr P Hampton	Classical Studies Mrs C Coates	Computing Mrs H Chileshe
Biology Mr R Bell	History Mr M Markham	Design & Visual Communication (Graphics) Mr A Harries
Chemistry Mr D Smith	Geography Mr C Morton	
Physics Mr D Sole	Tourism Mr I Campbell	
Electronics Mr D Sole		
SPORTS SCIENCE	OTHER	
LOC: Mr C Hardman		
Sports Science Mr C Hardman	Enhanced Learning Mrs A Basel	
	Transition Mr C Neethling	

YEAR 11

Students are expected to take a course which enables them to maintain a broad and balanced general education at this level.

The school offers two qualifications at Year 11 – NCEA Level One and IGCSE (Cambridge International). While the syllabus content for the two qualifications is very similar, the assessment is different. NCEA assesses by modules of work (called standards). Approximately 40% of the assessment is done in class (internal standards) and the balance in an end of year examination (external standards). Each standard has a credit value and grades are awarded in four categories, Excellence, Merit, Achieved and Not Achieved. IGCSE by contrast is assessed mostly by an end of year examination. Grades are awarded in eight categories from A* to G.

CAMBRIDGE INTERNATIONAL EXAMINATIONS (CIE)

The Cambridge International Examination is an internationally respected and widely implemented qualification for secondary school students. It continues to gain in popularity with more and more schools worldwide offering it as their sole qualification, or as an alternative to their current qualification. As a testament to the esteem with which the qualification is held, a number of leading British Independent schools, including Eton, have recently opted for CIE as their qualification.

St Paul's will again be offering a choice of CIE and NCEA qualifications in 2017, within established guidelines. The CIE qualification at Level One (called IGCSE) is designed for **academically able students**.

The school has deliberately chosen only Cambridge courses at Level One (and Level Two) that we believe will support and enhance our student's NCEA Level Two, NCEA Level Three and Scholarship academic success in the future.

Consequently, it is not being offered in all Level One subjects and is only being offered at Level Two (Year 12) in English, Mathematics and at Level Three (Year 13) in English.

If a student selects the CIE pathway, they can do up to four IGCSE subjects, with the remainder being NCEA. Every student's course of study will need to be approved by the Deputy Headmaster (Academic).

All CIE students will also have the opportunity to gain their NCEA Level One Certificate. At the end of Year 11, CIE students will have the capability to continue with a CIE pathway in AS English and AS Mathematics at Year 12 (or revert to NCEA English and Mathematics), but will switch to an NCEA pathway in all other subjects.

This is made possible through students having already achieved credits in some NCEA Year 10 courses and through some IGCSE courses having internally assessed NCEA standards attached, and through the other full NCEA courses that students will take at Level One (all students take six subjects, with up to four able to be IGCSE and the rest NCEA).

External examinations are the main means of assessment used by CIE. The exams are set and marked by CIE-appointed examiners. Usually there are two or three papers per subject requiring a total examination time of about three hours, though this varies from subject to subject. Many subjects also have a coursework component in addition to the final exam.

Results for IGCSE are graded on an eight-point scale from A* to G: see the table below. The student receives a certificate with each result printed on it.

GRADE	IGCSE MARKS
A*	90 - 100
A	80 - 89
B	70 - 79
C	60 - 69
D	50 - 59
E	40 - 49
F	30 - 39
G	20 - 29
Ungraded	Less than 20

All students are given a statement of school policy of CIE Cambridge qualifications, detailed course outlines and statements on assessment procedures for each subject at the beginning of their Year 11 course.

NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

Year 11 courses lead to NCEA Level One. Course assessment is by a series of Achievement Standards (approximately five per subject). Some of the Achievement Standards are internally assessed but the majority are externally assessed. Virtually every subject will offer a maximum of 20 possible credits.

Students are expected to take a course which enables them to maintain a broad and balanced general education at this level.

NCEA is now a well-established qualification that is internationally recognised. Many Old Collegians who have done NCEA in recent years are now successfully studying at Universities overseas.

NUMBER OF SUBJECTS

It is the policy at St Paul's that all students must study SIX subjects in Year 11 except LEU students.

NCEA Level One demands a degree of competency in Numeracy and Literacy. Within the 80 credits a student must achieve in order to be awarded a Level One Certificate there must be:

*A minimum of 10 credits in Literacy (from English and/or other approved language rich standards) **and** a minimum of 10 credits in Numeracy (from Mathematics and/or other approved numeracy rich standards).*

NB: All students wishing to attend University must achieve 10 credits in Numeracy at Level One for NCEA. This is an entry requirement into all New Zealand Universities. This one of the reasons why **Mathematics is compulsory for all Year 11 students.**

All students are given a statement of school policy on NCEA Level One, detailed course outlines and statements on assessment procedures for each subject at the beginning of their Year 11 course.

ENGLISH

English provides the language skills and experience, which are essential to all learning and in all areas of life. **English is compulsory for all Year 11 students** and must be selected from either IGCSE English, English 101 or English 102.

MATHEMATICS AND SCIENCE

Mathematics and Science are very important to the requirements of a broad and balanced general education.

All students must include in their courses:

- Mathematics (101) or Mathematics (102) and **at least one Science** subject chosen from Science (101), Science (102), Ag/Hort Science (101), IGCSE Chemistry, IGCSE Biology, IGCSE Physics.
- Students may **not take more than two** of IGCSE Chemistry, IGCSE Biology, IGCSE Physics, Science (101), Ag/Hort Science (101) in Year 11.

STUDENTS AFFILIATED TO THE ENHANCED LEARNING CENTRE

In the case of a very small number of students, for whom a six-subject NCEA Level One course is too challenging, an alternative course is available. These students must take FIVE NCEA Level One subjects. Their sixth subject known as Enhanced Learning will also provide credits towards the NCEA Level One certificate. The number of credits on offer will be slightly less than for a full NCEA Level One course. However, in this sixth subject slot, students will get assistance from the School's Enhanced Learning Centre. This will enable students to achieve a greater degree of academic success.

In addition, some students will be working to an Individual Education Programme as developed with the Enhanced Learning Centre. Applications for places in the Enhanced Learning Centre programmes must be made to the Deputy Headmaster in conjunction with the Learning Resource staff.

FLEXIBILITY

Where there are insufficient students for a class, or where classes might be too large, some groupings of subjects may have to be altered, or subjects withdrawn. Parents and students will be notified of this in this case.

YEAR 12

CAMBRIDGE INTERNATIONAL EXAMINATIONS (CIE)

St Paul's provides the choice of Mathematics and English AS Level courses in 2018. All students who opt for these courses will need to seek approval from the Deputy Headmaster (Academic), to ensure that their educational opportunities are maximised.

NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

Most students in Year 12 take an NCEA Level Two course. As for Level One, most subjects are partly internally assessed with the majority of the course being assessed in external examinations at the end of the year.

Keep in mind the following points:

- Students at this level may choose to continue on a path of broad general education. Many will now begin to specialise.
- Some students will follow a mixed AS level Cambridge course and NCEA Level Two course.

NUMBER OF SUBJECTS

At St Paul's in Year 12, all students **must** study **FIVE** subjects, including either **AS English, English (201) or English (202)**. **NB:** All students wishing to attend University must achieve 10 credits in Literacy at Level Two or higher for NCEA. This is an entry requirement into all New Zealand Universities. These 10 credits must include 5 credits in Reading and 5 credits in Writing. They must also have 10 Numeracy credits at Level One or above.

A Cambridge numeracy standard/minimum grade of D in IGCSE (or E grade in AS Mathematics), and Cambridge literacy standard/minimum grade of E in AS English qualifies a student for the University Entrance component of numeracy and literacy. Mathematics is an option subject at Year 12, but it is recommended that **Mathematics with Calculus (201)** or **Mathematics with Statistics (201) or Mathematics (202)** be a part of any Year 12 course, as this will enable students to maintain a broad educational base and keep their options open. Students may take **six subjects**, but must make the choice to do so very carefully as **changing or leaving a course during the year is not recommended**. As a general guide, students who have achieved at excellence and merit level in the majority of their Level One Achievement Standards, should consider taking six Level Two subjects.

ADDITIONAL STUDIES IN YEAR 12

All students in Year 12 (excluding those who take six subjects) will take additional classes including: Recreational Physical and Health Education, Religious Studies, Career Planning and a study period.

LINKS WITH YEAR 13

The present courses available in Year 13 should also be considered when making subject choices for Year 12. It is important to look at both the Year 12 and Year 13 subject choices before finalising your Year 12 course.

FLEXIBILITY

Where there are insufficient students for a class, some groupings of subjects may have to be altered, or subjects withdrawn.

YEAR 13

Keep in mind the following points:

- Year 13 courses lead to a **NCEA Level Three Certificate** and **University Entrance**. The course is generally assessed by end of year external examination, but all subjects have internally assessed coursework which contributes to a student's final credit total. To obtain a Level Three certificate a student must achieve at least 60 credits at Level Three, as well as having achieved at least 20 credits at Level Two.
- Students usually take a specialised course of study at this level, to give them their best chance of gaining entry to their first and second choices of University/Institute of Technology courses, and to specific vocations. It is essential that students establish the entry requirements for their proposed tertiary course of study before embarking on their Level Three course. UE is gained by achieving:
 - NCEA Level 3
 - 10 literacy credits (5 reading, 5 writing) at Level 2 or higher (these are noted against the eligible standards in each subject)
 - 42 credits – 14 credits in each of three UE approved level 3 subjects
 - 10 numeracy credits at level 1 or higher

However, limited entry courses (Engineering, Medicine, Law, Veterinary Science, Architecture), have different and more demanding criteria.

A Cambridge numeracy standard/minimum grade of D in IGCSE (or E grade in AS Mathematics), and Cambridge literacy standard/minimum grade of E in AS English qualifies a student for the University Entrance component of numeracy and literacy.

NUMBER OF SUBJECTS

At St Paul's all students must study **FIVE** subjects at this level. It is not recommended that a student chooses six subjects in Year 13.

RANGE OF SUBJECTS

The range of subjects available at this level is wider. Some new subjects are available.* Students should take into account their chosen career directions and possible courses of tertiary study when choosing subjects for Year 13. If in doubt, students should see the Career Planning staff for career planning or to review earlier career plans, before making final decisions.

FLEXIBILITY

Where there are insufficient students for a class, some groupings of subjects may have to be altered, or subjects withdrawn.

GENERAL INFORMATION

CHANGING COURSES AFTER THE START OF THE YEAR

Every year students return to school, wanting to change their subjects. It may not be possible to make changes if places are not available in classes. Most of the information is available now, to help students make a decision before the end of 2017.

To make a change at the start of Term 1, 2018, a student will need a good reason. The change must be approved by the Deputy Headmaster (Academic), their parents and the relevant Head of Department. Note that changes will not be permitted after week two of Term 1.

The course finalisation date will be

FRIDAY 9 FEBRUARY 2018

No changes of subject will be permitted after this date.

MULTI-LEVEL COURSES – YEAR 11, 12 AND 13

In some cases, students will benefit from taking multi-level courses. For example, a student in Year 12 might benefit from taking some subjects at Level Two, and continuing to work at Level One in other subjects.

Where possible, multi-level courses can be constructed. Students or parents considering a multi-level course should discuss this with Mr Hampton, Mrs Bradford or Mr Wilson.

CORRESPONDENCE SCHOOL COURSES – MINORITY SUBJECTS

When a student wishes to take a subject not taught in the school it may be possible to take the subject through the Correspondence School. A request for this must be made to the Deputy Headmaster (Academic) before the end of Term 4, 2017.

CERTIFICATE ENDORSEMENT

- If a student gains 50 or more Level One credits at Merit level, they are awarded a Level One certificate with Merit Endorsement.
- If a student gains 50 or more Level One credits at Excellence level, they are awarded a Level One certificate with Excellence endorsement.
- Students with Merit or Excellence endorsements at Levels 2 and 3 will receive preferential entrance to New Zealand universities and most universities waive significant amounts of fees for students with Merit or Excellence endorsements, through creation of scholarships for those students.

SUBJECT ENDORSEMENT

- If a student gains 14 or more Merit credits in an individual course (subject) at Levels 1, 2 or 3, then they will be awarded a Merit endorsement for that subject.
- If a student gains 14 or more Excellence credits in an individual course (subject) at Level One, 2 or 3, then they will be awarded an Excellence endorsement for that subject.
- To qualify for subject endorsement the course must contain at least one internal standard and one external standard (unless the subject is totally internally assessed).

INTERNATIONAL CERTIFICATES

St Paul's Collegiate School is accredited by the University of Cambridge to offer courses towards qualifications administered by Cambridge International Examinations.

NATIONAL CERTIFICATES

Under the provisions of the Education Act 1989, St Paul's Collegiate School is accredited by the New Zealand Qualifications Authority to offer courses and assess for qualifications as part of the National Qualifications Framework in all conventional and some non-conventional school subjects.

EXAM ENTRIES AND FEES

Examination entries together with the appropriate fees are finalised in early September for Years 11, 12 and 13. The figures below are the 2017 fees.

IGCSE (Cambridge International Exams):	\$120 per subject
National Qualifications Framework (NQF) registration including NCEA Level One, Level Two or Level Three:	\$ 76.70
Scholarships: Per subject	\$ 30.00
Foreign Fee Paying Students: Entry fee	\$383.30
Each scholarship subject	\$102.20

CONDITION OF ENTRY

If you have any questions concerning conditions of entry, you should seek advice from the Deputy Headmaster (Academic).

NCEA LEVEL ONE, TWO AND THREE EXAMINATIONS

You must be enrolled at a registered secondary school and **meet prescription requirements for the subjects you enter.**

Note: In entering for any qualification you are agreeing to abide by the regulations and specified NZ Qualifications Authority procedures, for these qualifications.

SPECIAL ASSESSMENT CONDITIONS

NZQA grants entitlement to Special Assessment Conditions (SACS) so that approved candidates may be fairly assessed. SACS are approved so that entitled candidates can demonstrate their knowledge, skills and understanding, without providing unfair advantage over other candidates. SACS can be arranged for CIE and NCEA Level 1, 2 or 3. Candidates are entitled to apply for SACS when:

- a. Candidates have a permanent or long-term medical, physical or sensory condition e.g.
 - Physical disability
 - Visual impairment
 - Hearing impairment
 - ADHD
 - Autism Spectrum Disorder, and/or
- b. Candidates present with a **specific learning disability** that directly impacts on their ability to be assessed fairly in assessments for National Qualifications may apply for entitlement to Special Assessment Conditions e.g.
 - Auditory Processing
 - Dyslexia
 - Dysgraphia

For the full list visit <http://www.nzqa.govt.nz> Search SACS

Application Process and Guidelines

On behalf of the student / parents, St Paul's Collegiate will make an application to NZQA. St Paul's Collegiate will endeavour to identify and notify all students requiring SACS as early possible.

Application requirements

- All applications under medical, physical or sensory require a certified Doctors letter and or medical report.
- All Applications under Specific Learning Disability require a Cognitive Assessment or school based evidence. Contact Mrs Alison Basel HOD Learning Support for further information regarding the appropriate pathway.

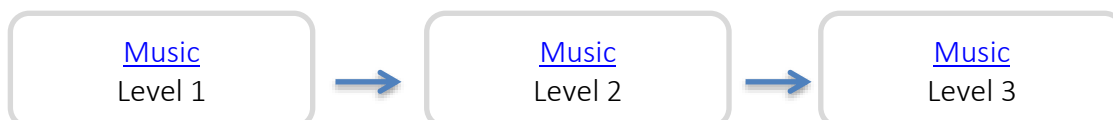
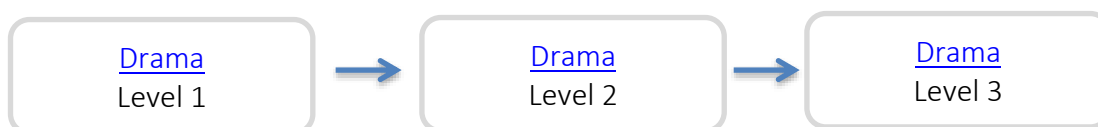
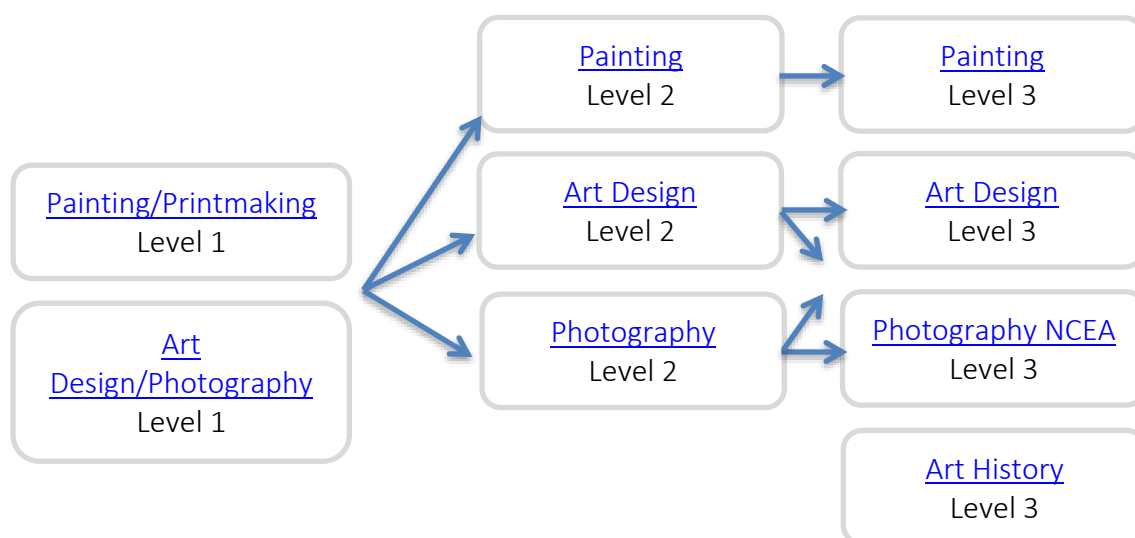
The application is reviewed by an approved NZQA SACS committee. The outcome of all applications will be sent directly to St Paul's Collegiate. St Paul's Collegiate will endeavour to notify parents regarding the outcome of the application as soon as possible. All declined applications have the right to appeal. Special Assessment Conditions will not be granted to candidates who suffer an accident, for example a broken arm, prior to an examination commencing or an illness. In this case, please see Mr Peter Hampton for advice regarding a 'Derived Grade

DERIVED GRADE PROCESS

Candidates may apply for consideration of their grades if:

- they have been prevented from attending the assessment because of illness, injury, bereavement, or exceptional circumstances beyond their control
- they consider that their performance in the assessment has been seriously impaired by illness, injury, bereavement or other exceptional circumstances

The impairment must be of a serious nature. For example, impairment cannot generally be claimed on the basis of stress due to assessments, parents being away on holiday, minor illness or day-to-day family disturbances. Medical certificates should indicate the duration of the impairment and the extent to which the candidate's performance has been impaired at the time. Parents must contact Mr Hampton or Mrs Bradford to activate the derived grades process.



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LEVEL ONE PAINTING/PRINTMAKING COURSE

Year 11 Painting/Printmaking 101 (NCEA)				
WHY STUDY THIS COURSE?		We encourage our students to examine the world around them, learning to interpret and communicate their ideas and responses. In Level One Painting students learn to work both independently and collaboratively to construct meanings and produce works. Practical Art is always hands-on. Students learn to interpret and communicate ideas (through drawing), practice problem solving and creative thinking skills, and engage in personal research and investigation.		
COURSE DESCRIPTION		This course develops students' practical art making skills through the teaching of a variety of art making processes; drawing, mixed media, painting and printmaking. Level One Art introduces appropriate contemporary established practice and extends this knowledge into personal practice. The practical components are informed by research of established practice (artist models).		
ENTRY REQUIREMENTS		Students are required to have completed the Year 10 Practical Art course or equivalent. Note: Due to the common achievement standards, only ONE Level One Art course may be completed.		
COURSE COSTS		\$100 approx. (disbursed throughout the year). This covers paint, brushes, pastels, printing inks, colouring pencils and other art media that may be required.		
No.	I/E	Level	Credits	Standard Title
90914	I	1	4	Use drawing methods & skills for recording information using wet and dry media.
91016	I	1	4	Demonstrate understanding of the subject matter of art works
90916	E	1	12	Produce a body of work informed by established practice, which develops ideas, using a range of media.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		This course leads into Level Two Painting, Photography, Art Design and beyond.		

LEVEL TWO ART - PAINTING COURSE

Year 12 Art - Painting 201 (NCEA)

WHY STUDY THIS COURSE?					This is a specialist course which consolidates students’ knowledge, understanding and practical skills based on established painting practices. It is a prerequisite for Year 13 Painting.
COURSE DESCRIPTION					<p>The course content develops students painting skills, introduces appropriate contemporary painting practice and extends this knowledge into personal practice. This course widens the art options for students and facilitates the development of independent work habits.</p> <p>The course is divided into three interrelated areas. The first assessment is practical skills based; a series (related works) based assessment The second assessment is an Art History Unit. The third is an intensive, independent practical investigation of one chosen painting genre, working with a proposal to create a body of work (folio).</p>
ENTRY REQUIREMENTS					Students are required to have completed a Level One Practical Art course.
COURSE COSTS					\$100 approx. (disbursed throughout the year). This covers paint, brushes, pastels, printing inks, colouring pencils and other art media that may be required.
No.	I/E	Level	Credits	Standard Title	
91316	I	2	4	Develop ideas in a related series of drawings appropriate to established painting practice.	
91184	I	2	4	Communicate understanding of an art history topic	
91321	I	2	12	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.	
COURSE OFFERS ENDORSEMENT				Yes - subject to NZQA criteria being met.	
PATHWAY LINK				This course leads into Level Three Painting.	

LEVEL THREE ART - PAINTING COURSE

Year 13 Art - Painting 301 (NCEA)

WHY STUDY THIS COURSE?	In Level Three Painting students learn to work both independently and collaboratively to construct meanings, produce art works, and respond to and value others' contributions. They learn to use imagination to engage with unexpected outcomes and to explore multiple solutions. This course will also equip students with transferable skills that can be used in a wide range of tertiary courses and careers, whilst studying a subject that inspires and excites.
COURSE DESCRIPTION	This is a specialist course which consolidates students' knowledge, understanding and practical skills based on established painting practices. The course is designed to promote independent work habits, and will develop knowledge and skills within a genre of painting chosen by the student. The first assessment is a practical skills based assessment. The second assessment is more of a research investigation: an Art History Unit. The third (external) standard is an intensive, independent practical study of one chosen genre of painting to create a body of work (folio). Students within this course will take part in a group Art Exhibition (offsite).
ENTRY REQUIREMENTS	Students are required to have completed a Level One Practical Art and a Level Two Painting course. Due to a common Achievement Standard, only one of either Level 3 Photography or Painting courses may be taken.
COURSE COSTS	\$100 approx. (disbursed throughout the year). This covers paint, brushes, pastels, printing inks, colouring pencils and other art media that may be required.

No.	I/E	Level	Credits	Standard Title
91460	I	3	4	Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context.
91487	I	3	4	Examine the different values placed on art works
91456	E	3	14	Produce a systematic body of work that integrates conventions & regenerates ideas within painting practice.
COURSE OFFERS ENDORSEMENT				Yes - subject to NZQA criteria being met
PATHWAY LINK				<p>This course leads into a range of Fine Art, Design & Media tertiary courses:</p> <ul style="list-style-type: none"> ▪ AUTs Bachelor of Visual Arts ▪ Auckland University – Elam – Bachelor of Fine Arts ▪ University of Canterbury Bachelor of Fine Arts ▪ Massey University Bachelor of Design - you can major in Fashion, Industrial, Photographic, Spatial, Textile, and Visual Communication Design (advertising, digital media, graphic design or illustration) ▪ Victoria Universities Bachelor of Design Innovation ▪ AUTs Bachelor of Design – you can major in Fashion, Digital Design, Graphic Design, Product Design, Spatial Design & Textile Design.

LEVEL ONE ART DESIGN / PHOTOGRAPHY COURSE

Year 11 Art Design / Photography (NCEA)				
WHY STUDY THIS COURSE?		We live in an image-saturated world where more importance is placed on visual literacy than ever before. In Level 1 Design / Photography students develop visual literacy and aesthetic awareness as they manipulate and transform visual ideas to solve problems. This course promotes motivation to learn by emphasising active engagement, diligence and risk taking.		
COURSE DESCRIPTION		This course introduces students to: the basic principles of design, DSLR photography and digital art processes. The course develops students' practical art making skills through the teaching of a variety of processes; drawing (hand-generated), basic digital photography processes and digital art with an emphasis placed on 'learning through doing'. This course introduces appropriate contemporary established practice and extends this knowledge into personal practice. The practical components are informed by research of established practice (artist models). This course is a prerequisite for the Level 2 Design and Photography courses.		
ENTRY REQUIREMENTS		Students are required to have completed the Year 10 Practical Art course or equivalent. This course has restricted entry. NOTE: Due to the common achievement standards, only ONE Level 1 Art course may be completed.		
COURSE COSTS		\$100 approximately (disbursed throughout the year). Access to a computer with design software, Adobe Photoshop and Illustrator is compulsory. Adobe Creative Suite may be purchased through the School.		
No.	I/E	Level	Credits	Standard Title
90915	I	1	6	Use drawing conventions to develop work in more than one field of practice.
90917	I	1	4	Produce a finished work that demonstrates skills appropriate to cultural conventions.
90916	E	1	12	Produce a body of work informed by established practice, which develops ideas, using a range of media.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		This course leads into Level Two Photography, Art Design.		

LEVEL TWO ART DESIGN

Year 12 Art Design (NCEA)				
WHY STUDY THIS COURSE?		<p>Art Design enhances a student's perceptions. Designers tend to be more observant, conscious people. We teach design in a way that encourages students to examine the world around them. Students develop visual literacy and aesthetic awareness as they manipulate and transform visual ideas to solve problems. Students will explore abstract concepts both individually and collaboratively. Level Two Art Design students learn to interpret and communicate ideas (through drawing), practice problem solving and creative thinking skills, and engage in personal research and investigation. This course also facilitates the development of independent work habits. These are transferable skills that can be utilised in other curriculum areas.</p>		
COURSE DESCRIPTION		<p>This course develops and extends Art Design skills taught in the Level One course through: digital processes appropriate for contemporary design practice, digital photography processes and extends this knowledge into personal practice. Level Two Design is divided into three interrelated areas. The first two assessments are practical skills based. The third is an independent practical investigation of one chosen design genre, working with a proposal to create a body of work (folio).</p>		
ENTRY REQUIREMENTS		<p>Students are required to have completed the Level One Art Design/Photography course. Alternatively, students may be admitted at the discretion of the Head of Department in consultation with the Assistant Headmaster. This course has restricted entry.</p>		
COURSE COSTS		<p>\$200 approx. - Course materials (disbursed throughout the year). Access to a computer with design software including Adobe Illustrator and Photoshop is compulsory for this course. Adobe Creative Suite may be purchased through the School.</p>		
No.	I/E	Level	Credits	Standard Title
91310	I	2	4	Use drawing methods to apply knowledge of conventions appropriate to design.
91325	I	2	4	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.
91320	1	2	12	Produce a systematic body of work that shows understanding of art making conventions and ideas within design.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met		
PATHWAY LINK		Leads into NCEA Level Three Photography and Level Three Art Design.		

LEVEL THREE ART DESIGN

Year 13 Art Design 301 (NCEA)				
WHY STUDY THIS COURSE?		Art encourages higher order thought processes that are different than in many traditional academic subjects. In Art Design, there is no one correct answer. Our students are forced to analyse the brief given to them and produce their own unique solution. This type of creative problem solving is a valuable skill that can be applied to other curriculum areas. Contemporary culture is fascinated with the new and different. Therefore, more than ever, employers are looking for innovative thinkers. Students that are able to solve problems creatively have an edge in the job market. Our focus is on students learning to interpret and communicate ideas and creative thinking.		
COURSE DESCRIPTION		This course is divided into three interrelated areas. The first two assessments (taught as one Unit) are practical skills based using contemporary establish practice as a source of motivation. The third is an intensive, independent practical investigation of one chosen design genre, working with a proposal to create a body of work (folio).		
ENTRY REQUIREMENTS		Students are required to have completed Level One Design and either the Level Two Design or Level Two Photography course. This course has restricted entry.		
COURSE COSTS		\$200 approx. - (disbursed throughout the year). Access to a computer with design software is compulsory for this course Each student must have their own laptop and have access to the digital art programs Adobe Photoshop and Illustrator. Adobe Creative Suite may be purchased through the School.		
No.	I/E	Level	Credits	Standard Title
91445	I	3	4	Use drawing to demonstrate understanding of conventions appropriate to design.
91450	I	3	4	Systematically clarify ideas using drawing informed by established design practice.
91455	E	3	14	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met		
PATHWAY LINK		<p>This course leads into a range of tertiary courses:</p> <ul style="list-style-type: none"> ▪ AUTs Bachelor of Visual Arts ▪ Auckland University (Elam) Bachelor of Fine Arts ▪ University of Canterbury Bachelor of Fine Arts ▪ Massey University Bachelor of Design: Fashion, Industrial, Photographic, Spatial, Textile, and Visual Communication Design ▪ Victoria University Bachelor of Design Innovation ▪ AUTs Bachelor of Design: Fashion, Digital Design, Graphic Design, Product Design, Spatial Design & Textile Design. 		

LEVEL TWO PHOTOGRAPHY COURSE

Year 12 Photography 201 (NCEA)				
WHY STUDY THIS COURSE?		Firstly, perhaps the most important reason – photography is FUN! This course promotes motivation to learn by emphasising active hands-on engagement and risk taking. In Level Two Photography students learn to interpret and communicate ideas, practice problem solving and creative thinking skills, and engage in personal research and investigation. This course also facilitates the development of independent work habits. These are transferable skills that can be utilised in other curriculum areas.		
COURSE DESCRIPTION		This course examines the basic principles of photography, digital processes (Adobe Photoshop) and the DSLR camera and extends this knowledge into personal practice. This course is divided into three interrelated areas. The first two assessments (taught as one Unit) are practical skills based. The third is an independent practical investigation of one chosen photography genre, working with a proposal to create a body of work (folio). This is a specialist course and is 100% digital, relying on both DSLR and digital darkroom processes.		
ENTRY REQUIREMENTS		Students are required to have completed a Level One Practical Art course; either Level One Practical Art or Level One Art Design. Alternatively, students may be admitted at the discretion of the Head of Department in consultation with the Assistant Headmaster. This course has restricted entry.		
COURSE COSTS		\$200 approx (disbursed throughout the year). Access to a DSLR camera is vital for this course; a limited number of DSLR cameras are available for students to borrow from the Art department. Students must have their own laptop with the digital art program Adobe Photoshop. This is compulsory. Adobe Creative Suite may be purchased through the School.		
No.	I/E	Level	Credits	Standard Title
91312	I	2	4	Use drawing methods to apply knowledge of conventions appropriate to Photography.
91317	I	2	4	Develop ideas in a related series of drawings appropriate to established photography practice.
91322	E	2	12	Produce a systematic body of work that shows understanding of art making conventions and ideas within Photography.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met		
PATHWAY LINK		This course leads into Level Three Photography and Level Three Art Design.		

LEVEL THREE PHOTOGRAPHY COURSE

Year 13 Photography 301 (NCEA)				
WHY STUDY THIS COURSE?		Photography is not only an art form but is a way of seeing the world. We teach photography in a way that encourages students to examine and respond to the world around them. In Level Three Photography students learn to work independently to construct meanings, produce works, and respond to and value others' feedback and criticism. They learn to use imagination to engage with unexpected outcomes and to explore multiple solutions. This course will also equip students with transferable skills that can be used in a wide range of tertiary courses and careers, whilst studying a subject that inspires and excites. This course will develop skills such as: communication skills, critical and creative thinking, problem-solving skills, the ability to research and analyse, adaptability, independence and innovation.		
COURSE DESCRIPTION		The course is divided into three interrelated areas. The first two assessments are practical skills based using contemporary established practice as a source of motivation. The third is an intensive, independent practical investigation of one chosen photography genre, working with a proposal to create a body of work (folio). Students within this course will take part in a group art exhibition (offsite).		
ENTRY REQUIREMENTS		Students are required to have completed a Level One Practical Art course, and either the Level Two Design or Level Two Photography course. This course has restricted entry. Due to a common Achievement Standard, only one of Level 3 Photography or Painting courses may be completed.		
COURSE COSTS		\$200 approx (disbursed throughout the year). Access to a DSLR camera is vital for this course; a limited number of DSLR cameras are available for students to borrow from the Art department. Students must have access to the digital art program Adobe Photoshop to work with on their own device. Adobe Creative Suite may be purchased through the School.		
No.	I/E	Level	Credits	Standard Title
91460	I	3	4	Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context.
91452	I	3	4	Systematically clarify ideas using drawing informed by established photography practice.
91457	E	3	14	Produce a systematic body of work that integrates conventions & regenerates ideas within photography practice.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met		
PATHWAY LINK		<p>This course leads into a range of tertiary courses:</p> <ul style="list-style-type: none"> ▪ AUTs Bachelor of Visual Arts ▪ Auckland University (Elam) Bachelor of Fine Arts ▪ University of Canterbury Bachelor of Fine Arts ▪ Massey University Bachelor of Design: Fashion, Industrial, Photographic, Spatial, Textile, and Visual Communication Design ▪ Victoria University Bachelor of Design Innovation ▪ AUTs Bachelor of Design: Fashion, Digital Design, Graphic Design, Product Design, Spatial Design & Textile Design. 		

LEVEL THREE ART HISTORY

Year 13 Art History 301 (NCEA)					
WHY STUDY THIS COURSE?			<p>To introduce students to a range of artistic styles and movements within Art History within the Modern era. For students to be able to think holistically about art and society and the influence they have upon each other. For students to be able to develop their literacy skills.</p> <p>This course leads into study of Art History at tertiary level but is also complementary to a number of other career opportunities and fields of study such as: advertising, architecture, art historian, gallery or museum curator, teaching, law, TV and film, communication and marketing, fine arts, arts administrator, applied and industrial design, art or film critic.</p>		
COURSE DESCRIPTION			<p>EARLY MODERNISM: <i>Cubism, Orphism, Futurism, Fauvism, Expressionism, Die Brucke, Der Blaue Reiter, De Stijl, Dada, Surrealism.</i></p> <p>MODERNISM TO POST-MODERNISM: <i>Realism, Abstraction, Abstract Expressionism, Minimalism, Neo Dada, Pop Art.</i></p>		
ENTRY REQUIREMENTS			Level Two Art History or English		
COURSE COSTS			Nil		
No.	I/E	Level	Credits	Lit	Standard Title
91485	I	3	4	UE R	Examine the impact of media and processes on art works.
91487	I	3	4	UE R	Examine the different values placed on art works.
91488	I	3	4	UE R	Examine the relationship(s) between a theory and art works.
91482	E	3	4	UE R UE W	Demonstrate understanding of style in artworks.
91484	E	3	4	UE R UE W	Examine the relationship(s) between art and context.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads into tertiary education.		

LEVEL ONE DRAMA COURSE

Year 11 Drama 101 (NCEA)

WHY STUDY THIS COURSE?	The aims of this course are: <ul style="list-style-type: none">▪ To build on learning and develop skills and understanding from Junior Drama.▪ To develop an understanding of how the elements, techniques, conventions and technologies of Drama work together to create challenging and effective performance.▪ To continue to develop the students’ understanding of stagecraft and the rules and traditions of theatre.▪ To extend the students’ ability to use their own experiences, skills and beliefs to create Drama within new and existing contexts.▪ To develop a logical and effective devising and rehearsal process which both assists the students and is appropriate for the completion of NCEA Drama tasks.▪ To develop the skills and work practices of the students so that they may confidently enter the Year 12 Drama programme.▪ To develop empathy and understanding of different viewpoints.			
COURSE DESCRIPTION	To learn: practical skills and written reflection habits in Drama. (Managing self, Using language, symbols and text); confidence in the use of Drama Techniques. (Managing self, participating and contributing); practical understanding of the importance of the Elements and Conventions of Drama. (Thinking); engage in group work thus honing interpersonal and self-motivation abilities. (Relating to others, participating and contributing).			
ENTRY REQUIREMENTS	On entering this course, students are required to consider the collaborative nature of Drama and to understand that this means that a high level of commitment to tasks is required. All students will need to commit themselves to striving for excellence in every achievement standard and learning experience offered. This is a requirement for entry into this course.			
COURSE COSTS	\$30 approx per term – theatre visits.			
No.	I/E	Level	Credits	Standard Title
90006	I	1	4	Apply drama techniques in a dramatic context.
90997	I	1	5	Devise and perform a drama
90999	I	1	4	Use features of a drama/theatre form in a performance; OR
91000	I	1	5	Demonstrate understanding of a significant play.
90009	I	1	5	Perform an acting role in a scripted production (optional – through School Production).
90011	E	1	4	Demonstrate understanding of the use of drama aspects within live performance.
90998	E	1	4	Demonstrate understanding of features of a drama/theatre form.
COURSE OFFERS ENDORSEMENT	Yes - subject to NZQA criteria being met.			
PATHWAY LINK	This course leads into Level Two Drama.			

LEVEL TWO DRAMA COURSE

Year 12 Drama 201 (NCEA)

WHY STUDY THIS COURSE?	<p>The aims of this course are:</p> <ul style="list-style-type: none">▪ To build on learning and develop skills and understandings from the junior drama curriculum and/or from NCEA Level One.▪ To further develop an understanding of how the elements, techniques, conventions and technologies of Drama work together to create challenging and effective performance.▪ To continue to develop the students’ understanding of stagecraft and the rules and traditions of theatre.▪ To extend the students’ ability to use their own experiences, skills and beliefs to create Drama within new and existing contexts.▪ To develop a logical and effective devising and rehearsal process which both assists the students, and is appropriate for the completion of NCEA Drama tasks.▪ To develop the skills of the students so that they may confidently enter the Year 13 Drama programme.▪ To further develop empathy and understanding of multiple viewpoints and experiences.				
COURSE DESCRIPTION	To learn: Drama techniques; Dramatic elements, Dramatic conventions, working from scripts, selected period studies, critical analysis and supplication, live performances (viewing and studying).				
ENTRY REQUIREMENTS	Level One Drama or at HOD Discretion. This course requires students to have prior knowledge of speech, drama and stage production processes. On entering this course, students are required to consider the collaborative nature of Drama and to understand that this means that a high level of commitment to tasks is required. All students will need to commit to striving for excellence in every achievement standard and learning experience offered.				
COURSE COSTS	\$30 approx per term – theatre visits.				
No.	I/E	Level	Credits	Lit	Standard Title
91213	I	2	4	UE R	Apply drama techniques in scripted context.
91214	I	2	5		Devise and perform a drama to realise an intention.
91216	I	2	4	UE R	Use complex performance skills associated with a drama or theatre form or period; OR
91217	I	2	4	UE R	Examine the work of a playwright.
91218	I	2	5	UE R	Perform a substantial acting role in a scripted production (optional through School Production)
91215	E	2	4	UE R UE W	Discuss a drama or theatre form or period with reference to a text.
91219	E	2	4	UE W	Discuss drama elements, techniques, conventions and technologies within live performance.
COURSE OFFERS ENDORSEMENT				Yes - subject to NZQA criteria being met.	
PATHWAY LINK				This course leads into Level Three Drama.	

LEVEL THREE DRAMA COURSE

Year 13 Drama 301 (NCEA)

WHY STUDY THIS COURSE?					The aims of this course are: <ul style="list-style-type: none">▪ To build on learning and develop skills and understandings from the Year Twelve Drama Curriculum and/or from NCEA Level One.▪ To further develop an understanding of how the elements, techniques, conventions and technologies of Drama work together to create challenging and effective performance.▪ To continue to develop the students’ understanding of stagecraft and the rules and traditions of theatre.▪ To extend the students’ ability to use their own experiences, skills and beliefs to create Drama within new and existing contexts.▪ To develop a logical and effective devising and rehearsal process which both assists the students, and is appropriate for the completion of NCEA Drama tasks.▪ To further develop empathy and understanding of multiple viewpoints, experiences and beliefs.
COURSE DESCRIPTION					To learn: Dramatic techniques, elements and conventions; Interpretation of scripts; Devising drama; Demonstrating a knowledge of theatre form or period; Live performances (viewing and performing); Critical analysis and application.
ENTRY REQUIREMENTS					Level Two Drama or at HOD Discretion. This course requires students to have prior knowledge of speech, drama and stage production processes and preferably have studied these at Level Two. On entering this course, students are required to consider the collaborative nature of Drama and to understand that this means that a high level of commitment to tasks is required. All students will need to commit themselves to striving for excellence in every achievement standard and learning experience offered.
COURSE COSTS					\$30 approx per term– theatre visits.
No.	I/E	Level	Credits	Lit	Standard Title
91512	I	3	4	UE R	Interpret scripted text to integrate drama techniques in performance.
91513	I	3	5		Devise and perform a drama to realise a concept.
91515	I	3	4	UE R	Select and use complex performance skills associated with a drama form or period; OR
91516	I	3	4	UE R	Demonstrate understanding of the work of a drama or theatre theorist or practitioner. (optional)
91517	I	3	5	UE R	Perform a substantial acting role in a significant production (dependent on gaining a role in the production).
91514	E	3	4	UE R UE W	Interpret a text from a prescribed playwright to demonstrate knowledge of a theatre form or period.
91518	E	3	4	UE W	Demonstrate understanding of live drama performance.
COURSE OFFERS ENDORSEMENT					Yes - subject to NZQA criteria being met.
PATHWAY LINK					This course leads into tertiary education.

LEVEL ONE MUSIC

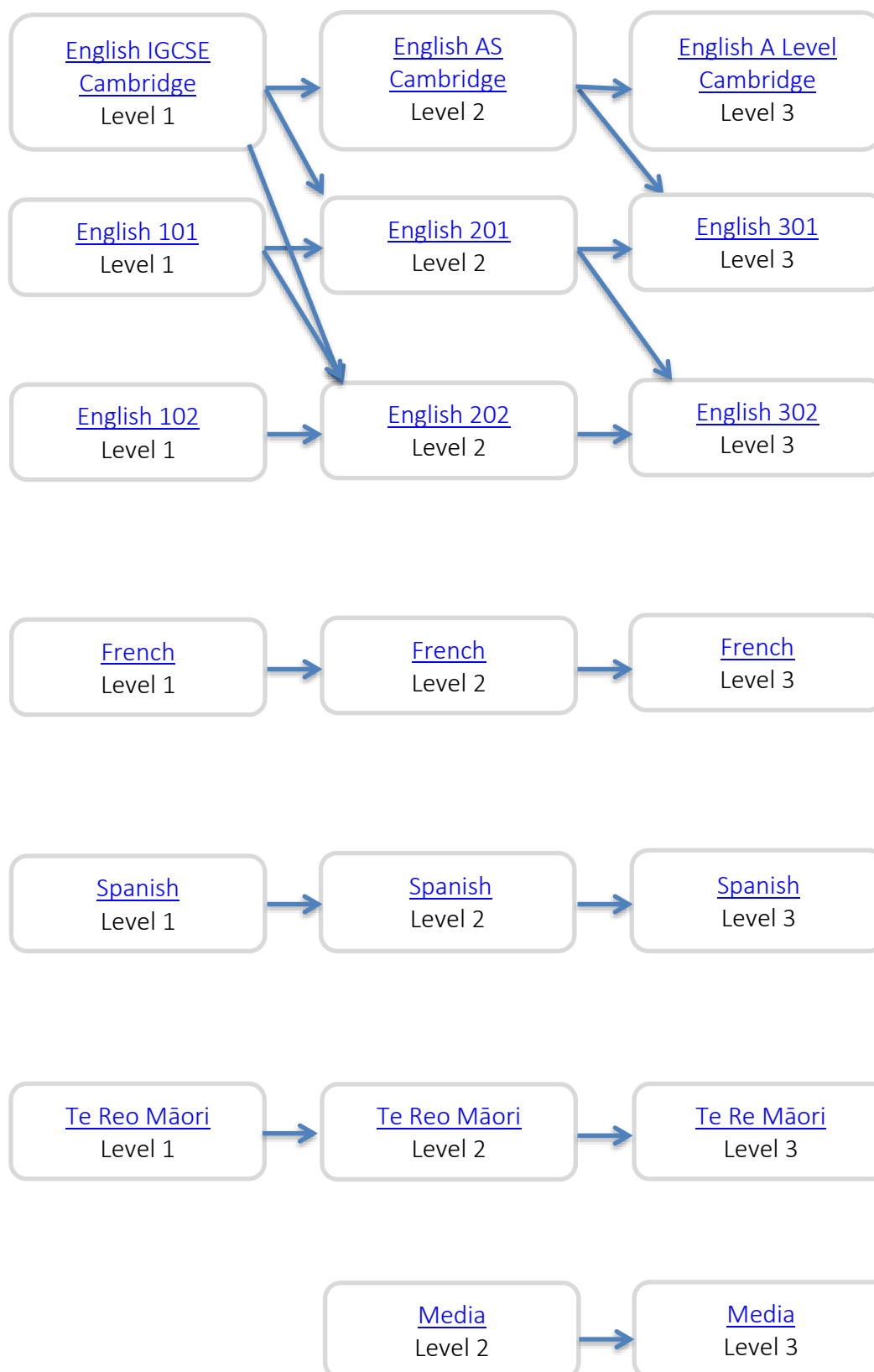
Year 11 Music 101 (NCEA)				
WHY STUDY THIS COURSE?		If you have an interest in music and feel the need to broaden your horizons, if you would like to refine your existing skills, if you like singing or playing an instrument and writing your own music then you will find the Music courses in Years 11, 12 and 13 attractive.		
COURSE DESCRIPTION		<p>You will use music technology to write down what you have composed. You will learn how to structure and work out your own original pieces. You can record your compositions and make a CD. Half of the grades in Music are generated from performance and composition. Theory is incorporated and the classes are small.</p> <p>The course assumes that the student has studied at least one instrument for a minimum three years and is able to read music fluently. It is essential that anyone opting for Music in Year 11 should be receiving regular individual tuition and practising daily as the performance portion of each course is high. There is also a significant amount of composition and aural work. Courses at all levels deal with music of a wide range of styles and historical periods. Students are also expected to contribute to the cultural activities of the school through choir, productions, orchestra and or bands.</p> <p>This course concentrates on the practical aspects of music but also has a significant emphasis on theoretical understanding and the development of aural appreciation. It lays the foundation for music in subsequent years.</p>		
ENTRY REQUIREMENTS		Students choosing this course must have had continuous instrumental tuition for at least the previous three years . It is also desirable that they have a discerning ear and a minimum of Grade 3 theory.		
COURSE COSTS		\$300 approx per term - Instrumental tuition fees through school or you may learn privately, outside of school.		
No.	I/E	Level	Credits	Standard Title
91090	I	1	6	Perform two pieces of music as a featured soloist.
91092	I	1	6	Compose two original pieces of music.
91095	I	1	6	Demonstrate knowledge of two music works from contrasting contexts of music.
27656	I	1	4	Demonstrate and apply introductory knowledge of music technology equipment and.
91094	E	1	4	Demonstrate knowledge of conventions used in music scores.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two Music.		

LEVEL TWO MUSIC

Year 12 Music 201 (NCEA)				
WHY STUDY THIS COURSE?		If you have an interest in music and feel the need to broaden your horizons, if you would like to refine your existing skills, if you like singing or playing an instrument and writing your own music then you will find the Music courses in Years 11, 12 and 13 attractive.		
COURSE DESCRIPTION		<p>You will use music technology to write down what you have composed. You will learn how to structure and work out your own original pieces. You can record your compositions and make a CD. Half of the grades in Music are generated from performance and composition. Theory and aural work are incorporated and the classes are small.</p> <p>The course assumes that the student has studied at least one instrument for a minimum four years and is able to read music fluently. It is essential that anyone opting for Music in Year 12 should be receiving regular individual tuition and practising daily as the performance portion of the course is high. There is also a significant amount of composition and aural work. Courses at all levels deal with music of a wide range of styles and historical periods. Students are also expected to contribute to the cultural activities of the school through choir, productions, orchestra and or bands.</p> <p>This course extends and develops the practical skills and the understanding of musical materials acquired in Year 11.</p>		
ENTRY REQUIREMENTS		Students choosing this course must have had continuous instrumental tuition in the past four years and have taken Year 11 Music , or be able to demonstrate that they have equal knowledge and skill to someone who has.		
COURSE COSTS		\$300 approx per term - Instrumental tuition fees through school or you may learn privately, outside of school.		
No.	I/E	Level	Credits	Standard Title
91270	I	2	6	Perform two substantial pieces of music as a featured soloist.
91271	I	2	6	Compose two substantial pieces of music.
91273	I	2	4	Devise an instrumentation for an ensemble.
91276	E	2	4	Demonstrate knowledge of conventions in a range of music scores
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Three Music.		

LEVEL THREE MUSIC

Year 13 Music 301 (NCEA)				
WHY STUDY THIS COURSE?		If you have an interest in music and feel the need to broaden your horizons, if you would like to refine your existing skills, if you like singing or playing an instrument and writing your own music then you will find the Music courses in Years 11, 12 and 13 attractive.		
COURSE DESCRIPTION		<p>You will use music technology to write down what you have composed. You will learn how to structure and work out your own original pieces. You can record your compositions and make a CD. Half of the grades in Music are generated from performance and composition. Theory and aural work are incorporated and the classes are small.</p> <p>The course assumes that the student has studied at least one instrument for a minimum five years and is able to read music fluently. It is essential that anyone opting for Music in Year 13 should be receiving regular individual tuition and practising daily as the performance portion of the course is high. There is also a significant amount of composition and aural work. Courses at all levels deal with music of a wide range of styles and historical periods. Students are also expected to contribute to the cultural activities of the school through choir, productions, orchestra and or bands.</p> <p>This course extends the skills acquired in Year 12 but allows the student to follow a course with an accent either on Practical Music or Music Studies.</p>		
ENTRY REQUIREMENTS		Students must have taken Music in Year 12.		
COURSE COSTS		\$300 approx per term - Instrumental tuition fees through school or you may learn privately, outside of school.		
No.	I/E	Level	Credits	Standard Title
91424	I	3	4	Create two arrangements for an ensemble.
91419	I	3	8	Communicate musical intention by composing three original pieces of music.
91416	I	3	8	Perform two programmes of music as a featured soloist.
91421	E	3	4	Demonstrate understanding of harmonic and tonal conventions in a range of music scores.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into Year 1 University.		



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LEVEL ONE ENGLISH

Year 11 English 101 (NCEA)				
WHY STUDY THIS COURSE?		This course aims to provide a balanced approach to written, oral and visual strands of English with major emphasis placed on independent learning. Students will develop their written and spoken English which will soundly prepare them for 201 English.		
COURSE DESCRIPTION		<p>This English programme offers students the opportunity to complete seven English Achievement Standards, for a total of 25 credits. 12 credits are externally assessed whilst the internally assessed components assess an oral presentation, creative writing and a thematic study of literature. Students carry Tihoi English credits over into the Year 11 year.</p> <p>Amendments to the course are at the discretion of the HOD English who will take into consideration student voice and results once yearly appraisal is undertaken.</p>		
ENTRY REQUIREMENTS		Two years secondary English (Year 9 and Year 10)		
COURSE COSTS		\$20 Write That Essay Annual Subscription		
No.	I/E	Level	Credits	Standard Title
90852	I	1	4	Explain significant connection(s) across texts, using supporting evidence
90856	I	1	3	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence.
90052	I	1	3	Produce creative writing.
90857	I	1	3	Construct and deliver an oral text.
90849	E	1	4	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence.
90850	E	1	4	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence.
90851	E	1	4	Show understanding of specified aspects of unfamiliar written text(s) through close reading using supporting evidence.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two English.		

LEVEL ONE ENGLISH

Year 11 English 102 (NCEA)				
WHY STUDY THIS COURSE?		This course is academically less rigorous than English 101. Students will study for 21 credits and there will only be one standard assessed in the external examination. All other standards are internally assessed.		
COURSE DESCRIPTION		<p>The course is an enjoyable one and involves a broad range of skills from speaking, reading widely to close viewing for understanding. The one external assessment is based on a film study. Students carry Tihoi English credits over into the Year 11 year.</p> <p>Amendments to the course are at the discretion of the HOD English who will take into consideration student voice and results once yearly appraisal is undertaken.</p>		
ENTRY REQUIREMENTS		Students who have gained less than the achieved standard for English in Year 10 should seriously consider taking this course.		
COURSE COSTS		\$20 Write That Essay Annual Subscription		
No.	I/E	Level	Credits	Standard Title
90852	I	1	4	Explain significant connection(s) across texts, using supporting evidence
90856	I	1	3	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence.
90053	I	1	3	Produce formal writing.
90857	I	1	3	Construct and deliver an oral text.
90850	E	1	4	Show understanding of specified aspects of studied visual or oral text(s), using supporting evidence.
90851	E	1	4	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two English.		

LEVEL ONE ENGLISH

Year 11 English (Cambridge - IGCSE)				
WHY STUDY THIS COURSE?		In this course students will complete work for the International General Certificate of Secondary Education in English Literature (0486) AND complete three Achievement Standards towards NCEA Level One. This course enables students to foster a love of literature and explore thematic concerns in depth. It also has a cosmopolitan breadth to the literature which richly enhances the students' academic experience.		
COURSE DESCRIPTION		<p>The syllabus aims, which are not listed in order of priority, are to encourage and develop candidates' ability to:</p> <ul style="list-style-type: none"> understand and respond to literary texts in different forms and from different periods and cultures; communicate an informed personal response appropriately and effectively; appreciate different ways in which writers achieve their effects; experience literature's contribution to aesthetic, imaginative and intellectual growth. <p>Amendments to the course are at the discretion of the HOD English who will take into consideration student voice and results once yearly appraisal is undertaken.</p>		
ENTRY REQUIREMENTS		<p>Students need to be aware that their academic performance in Year 10 may influence their continuation in the Cambridge programme. Where the number of students opting to continue exceeds the number of places available, entry will be based on:</p> <ul style="list-style-type: none"> English results in Year 10 Attitude and work ethic The discretion of the Head of English. 		
COURSE COSTS		CIE exams fee apply and are currently \$120 for this course. \$20 Write That Essay annual subscription.		
Paper		Weighting	Extended Curriculum – Grades Available A*-G	
COMPONENT 1 - 1.5 hrs		50%	Poetry and Prose	
COMPONENT 2 – 1.5 hrs		50%	Drama	
No	I/E	Level	Credits	Standard Title
90849	E	1	4	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence.
90850	E	1	4	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence
90851	E	1	4	Show understanding of specified aspects of unfamiliar written text(s) through close reading ,using supporting evidence
COURSE OFFERS ENDORSEMENT		No.		
PATHWAY LINK		Leads into AS Level Two English.		

LEVEL TWO ENGLISH

Year 12 English 201 (NCEA)					
WHY STUDY THIS COURSE?			English involves a combination of language, literary and media studies to enhance the development of competency in the English language.		
COURSE DESCRIPTION			<p>To teach students how to integrate sources of information, processes, and strategies purposefully, confidently, and precisely to identify, form, and express increasingly sophisticated ideas.</p> <p>Amendments to the course are at the discretion of the HOD English who will take into consideration student voice and results once yearly appraisal is undertaken.</p>		
ENTRY REQUIREMENTS			<p>This course assumes a competence in written expression and a basic grounding in response to literary text. Students will have to deal with sophisticated literary texts and language contexts throughout this course. It is recommended that students must have achieved at least 14 credits from English achievement standards at Level One. Students may study towards the award of up to 24 credits in this course.</p>		
COURSE COSTS			\$20 Write That Essay Annual Subscription.		
No.	I/E	Level	Credits	Lit	Standard Title
91101	I	2	6	UE W	Produce a selection of crafted and controlled writing.
91102	I	2	3		Construct and deliver a crafted and controlled oral text.
91103	I	2	3		Create a crafted and controlled visual and verbal text.
91098	E	2	4	UE R UE W	Analyse specified aspect(s) of studied written text(s), supported by evidence.
91099	E	2	4	UE W	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence.
91100	E	2	4	UE R UE W	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads into NCEA Level Three English.		

LEVEL TWO ENGLISH

Year 12 English 202 (NCEA)					
WHY STUDY THIS COURSE?			This course caters for Year 12 students who may have struggled with Level One English. They must have achieved at least 12 credits in Level One English.		
COURSE DESCRIPTION			<p>To teach students how to integrate sources of information, processes, and strategies purposefully, confidently, and precisely to identify, form, and express increasingly sophisticated ideas.</p> <p>Amendments to the course are at the discretion of the HOD English who will take into consideration student voice and results once yearly appraisal is undertaken.</p>		
ENTRY REQUIREMENTS			This course assumes a competence in written expression and a basic grounding in response to literary text by students who otherwise may have had difficulty with some aspects of Level One achievement standards. Students will have to deal with some literary texts and language contexts throughout this course. It is recommended that students must have achieved at least 12 credits from English achievement standards at Level One. Entry to this course will be at the discretion of the HOD and the Assistant Headmaster. Students may study towards the award of up to 20 credits in this course.		
COURSE COSTS			\$20 Write That Essay Annual Subscription.		
No.	I/E	Level	Credits	Lit	Standard Title
91101	I	2	6	UEW	Produce a selection of crafted and controlled writing.
91102	I	2	3		Construct and deliver a crafted and controlled oral text.
91107	I	2	3		Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence.
91100	E	2	4	UE R UE W	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence
91099	E	2	4	UE W	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads into NCEA Level Three English.		

LEVEL TWO ENGLISH

Year 12 English (AS) - Cambridge

WHY STUDY THIS COURSE?	Cambridge courses have been introduced into English at St Paul’s Collegiate to offer an additional challenge to our students and as an alternative method of assessment. Students at Year 12 will however complete a selection of NCEA based internal and external assessments. They will sit three external examination papers in response to studied written texts and response to unfamiliar texts whilst reading independently and performing a speech internally.						
COURSE DESCRIPTION	<p>To teach students how to integrate sources of information, processes, and strategies purposefully, confidently, and precisely to identify, form, and express increasingly sophisticated ideas.</p> <p>Amendments to the course are at the discretion of the HOD English who will take into consideration student voice and results once yearly appraisal is undertaken.</p>						
ENTRY REQUIREMENTS	IGCSE English is preferable but not a necessity. A competent command of written English with an enjoyment of literature is advantageous.						
COURSE COSTS	\$20 Write That Essay Annual Subscription.						
Cambridge Certification Title				Time		Weighting	
Paper 3 - Poetry and Prose				2 hours		50%	
Paper 4 - Drama				2 hours		50%	
NCEA Examinations							
No.	I/E	Level	Credits	Lit	Standard Title		
91102	I	2	3		Construct and deliver a crafted and controlled oral text.		
91100	E	2	4	UE R UE W	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence		
91098	E	2	4	UE R UE W	Analyse specified aspect(s) of studied written text(s), supported by evidence		
91099	E	2	4	UEW	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence		
COURSE OFFERS ENDORSEMENT				Yes subject to NZQA criteria being met.			
PATHWAY LINK				Leads into NCEA Level Three English/Scholarship English.			

LEVEL THREE ENGLISH

Year 13 English 301 (NCEA)					
WHY STUDY THIS COURSE?				This course assumes a developed reading habit, sophistication of literary response and analysis and an accurate, lucid and mature writing style. The course is built around a close study of literary texts of established critical and literary reputation. Students may study for up to 24 credits in this course.	
COURSE DESCRIPTION				The content of this course is made up of two in-depth studies of literature, creating a visual essay, a speech and close analysis of poetry and prose and a portfolio of writing. Amendments to the course are at the discretion of the HOD English who will take into consideration student voice and results once yearly appraisal is undertaken.	
ENTRY REQUIREMENTS				Students will have to deal with sophisticated levels of reading and response in this course. A minimum entry requirement would be at least 14 credits gained from English 201. Entry to this course will be at the discretion of the HOD and the Assistant Headmaster.	
COURSE COSTS				\$20 Write That Essay Annual Subscription.	
No.	I/E	Level	Credits	Lit	Standard Title
91475	I	3	6	UE W	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas.
91476	I	3	3		Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas presentation.
91477	I	3	3		Create a fluent and coherent visual text which develops, sustains, and structures ideas using verbal and visual language.
91472	E	3	4	UE R UE W	Respond critically to specified aspect(s) of studied written text(s), supported by evidence.
91473	E	3	4	UE W	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence.
91474	E	3	4	UE R	Respond critically to specified aspect(s) of unfamiliar written text(s) through close reading supported by evidence.
COURSE OFFERS ENDORSEMENT				Yes - subject to NZQA criteria being met.	
PATHWAY LINK				Leads into tertiary education.	
<ul style="list-style-type: none">The above course may be subject to change once courses have been fully evaluated.					

LEVEL THREE ENGLISH

Year 13 English 302 English (NCEA)					
WHY STUDY THIS COURSE?			This course assumes that students have coped with 202 English. It requires a sophistication of research, analysis and an accurate, writing style. The course is built around a close study of literature as well as written accuracy. Students may study for up to 23 credits in this course (see below for credit values). They will be entered for one external standard, AS91473 (4 credits).		
COURSE DESCRIPTION			The content of this course is made up of a study of literature, a comprehensive examination of a film director, a speech and an ability to write fluently and accurately for a portfolio of writing. Amendments to the course are at the discretion of the HOD English who will take into consideration student voice and results once yearly appraisal is undertaken.		
ENTRY REQUIREMENTS			Students will have to deal with detailed levels of reading and response in this course. A minimum entry requirement would be 8 credits gained from English 202. Entry to this course will be at the discretion of the HOD and the Assistant Headmaster.		
COURSE COSTS			\$20 Write That Essay Annual Subscription.		
No.	I/E	Level	Credits	Lit	Standard Title
91473	1	3	4	UE W	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence.
91475	I	3	6	UE W	Produce a selection of fluent and coherent writing which develops, sustains and structures ideas.
91476	I	3	3		Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas presentation.
91477	I	3	3		Create a fluent and coherent visual text which develops, sustains, and structures ideas using verbal and visual language.
91478	I	3	4		Respond critically to significant connections across texts, supported by evidence.
91480	I	3	3		Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence.
COURSE OFFERS ENDORSEMENT			No.		
PATHWAY LINK			Leads into tertiary education.		

LEVEL THREE A LEVEL ENGLISH

Year 13 English (A Level) - Cambridge					
WHY STUDY THIS COURSE?			Cambridge A Level English Literature provides candidates opportunities to make critical and informed responses to texts which are wide ranging in their form, style and context. It is a highly academic, rigorous course.		
COURSE DESCRIPTION			<p>Cambridge A Level Literature in English requires candidates to have completed AS Level English literature. Candidates are required to answer questions on a range of poems, prose and plays, with options from the Canon of English Literature and modern texts in English. Close study of all the texts chosen is needed in preparation for a choice of essay and passage based questions.</p> <p>Amendments to the course are at the discretion of the HOD English who will take into consideration student voice and results once yearly appraisal is undertaken.</p>		
ENTRY REQUIREMENTS			AS English		
COURSE COSTS			Nil		
Cambridge Certification Title			Time		Weighting
Paper 5 – Shakespeare and Other Pre-20 th Century texts			2 hours		25%
Paper 6 – 1900 to Present			2 hours		25%
No.	I/E	Level	Credits	Lit	Standard Title
91479	I	3	4		Develop an informed understanding of literature and/or language using critical texts.
91473	E	3	4	UE W	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence.
91472	E	3	4	UE R UE W	Respond critically to specified aspect(s) of studied written text(s), supported by evidence.
91474	E	3	4	UE R	Respond critically to specified aspect(s) of unfamiliar written text(s) through close reading supported by evidence.
COURSE OFFERS ENDORSEMENT			Yes – subject to NZQA criteria being met.		
PATHWAY LINK			Leads into tertiary education.		

LEVEL ONE FRENCH

Year 11 French 101 (NCEA)				
WHY STUDY THIS COURSE?		Citizens of New Zealand are also citizens of the world. We need to be aware of the importance of international languages, such as French, in relation to culture and cultural exchanges, literature, music, science and technology, and trade and tourism. The French language is used widely throughout the world, both as a first and as a second language. It is spoken by over two hundred million people in more than forty different countries. Along with English, French is one of the official working languages of the United Nations, the International Olympic Committee and many other organisations. English has borrowed extensively from the French language and so approximately half the words in English are derived from French. Because of this, English and French share a wide range of concepts and vocabulary, making French much easier for English speakers to learn than many other languages.		
COURSE DESCRIPTION		This French programme develops the speaking, listening, reading and writing skills in French of students to meet the requirements of NCEA Level One. This is done within the context of the following topics: family; sport and leisure activities; eating and drinking; health; holidays.		
ENTRY REQUIREMENTS		This course requires students to have completed previous study of French in Years 9 and 10. In cases where students have not studied French previously or for less than two years, application can be made to the TIC French for special admission.		
COURSE COSTS		\$50 – Vocabulary and Grammar Resource Booklet (Renash) \$20; “Language Perfect” registration \$20; Australian Language Certificate \$10.		
No.	I/E	Level	Credits	Standard Title
90880	I	1	5	Interact using spoken French to communicate personal information, ideas and opinions in different situations.
90882	I	1	5	Write a variety of text types in French on areas of most immediate relevance.
90878	E	1	5	Demonstrate understanding of a variety of spoken French texts on areas of most immediate relevance.
90881	E	1	5	Demonstrate understanding of a variety of French texts on areas of most immediate relevance.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two French.		

LEVEL TWO FRENCH

Year 12 French 201 (NCEA)				
WHY STUDY THIS COURSE?		Citizens of New Zealand are also citizens of the world. We need to be aware of the importance of international languages, such as French, in relation to culture and cultural exchanges, literature, music, science and technology, and trade and tourism. The French language is used widely throughout the world, both as a first and as a second language. It is spoken by over two hundred million people in more than forty different countries. Along with English, French is one of the official working languages of the United Nations, the International Olympic Committee and many other organisations. English has borrowed extensively from the French language and so approximately half the words in English are derived from French. Because of this, English and French share a wide range of concepts and vocabulary, making French much easier for English speakers to learn than many other languages.		
COURSE DESCRIPTION		This French programme develops the speaking, listening, reading and writing skills in French of students to meet the requirements of NCEA Level Two. This is done within the context of the following topics: travel; school; friendship; history; life after school.		
ENTRY REQUIREMENTS		Students must have completed Year 11 French and have gained a minimum of 12 Level One NCEA credits in French. In cases where students have fewer than 12 credits, application can be made to the TIC French for special admission.		
COURSE COSTS		\$85 – Vocabulary and Grammar Resource Booklet (Renash) \$15; Ça y est Workbook \$40; “Language Perfect” registration \$20; Australian Language Certificate \$10.		
No.	I/E	Level	Credits	Standard Title
91119	I	2	5	Interact using spoken French to share information and justify ideas and opinions in different situations.
91120	I	2	4	Give a spoken presentation in French that communicates information, ideas and opinions.
91122	I	2	5	Write a variety of text types in French to convey information, ideas, and opinions in genuine contexts.
91118	E	2	5	Demonstrate understanding of a variety of spoken French texts on familiar matters.
91121	E	2	5	Demonstrate understanding of a variety of written and/or visual French text(s) on familiar matters.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Three French.		

LEVEL THREE FRENCH

Year 13 French 301 (NCEA)				
WHY STUDY THIS COURSE?		Citizens of New Zealand are also citizens of the world. We need to be aware of the importance of international languages, such as French, in relation to culture and cultural exchanges, literature, music, science and technology, and trade and tourism. The French language is used widely throughout the world, both as a first and as a second language. It is spoken by over two hundred million people in more than forty different countries. Along with English, French is one of the official working languages of the United Nations, the International Olympic Committee and many other organisations. English has borrowed extensively from the French language and so approximately half the words in English are derived from French. Because of this, English and French share a wide range of concepts and vocabulary, making French much easier for English speakers to learn than many other languages.		
COURSE DESCRIPTION		This French programme develops the speaking, listening, reading and writing skills in French of students to meet the requirements of NCEA Level Three. This is done within the context of the following topics: environment; work; immigration; culture.		
ENTRY REQUIREMENTS		This course is recommended for students who have achieved a minimum of 12 Level Two NCEA credits in French. In cases where students have fewer than 12 credits, application can be made to the TIC - French for special admission.		
COURSE COSTS		\$90 – Vocabulary and Grammar Resource booklet (Renash) \$15; Tapis Volant Senior Workbook \$45; “Language Perfect” registration \$20; Australian Language Certificate \$10.		
No.	I/E	Level	Credits	Standard Title
91544	I	3	3	Give a clear spoken presentation in French that communicates a critical response to stimulus material.
91545	I	3	6	Interact clearly using spoken French to explore and justify varied ideas and perspectives in different situations.
91547	I	3	5	Write a variety of text types in clear French to explore and justify varied ideas and perspectives.
91543	E	3	5	Demonstrate understanding of a variety of extended spoken French texts
91546	E	3	5	Demonstrate understanding of a variety of extended written and/or visual French texts
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into Year 1 or Year 2 University French courses.		

LEVEL ONE SPANISH

Year 11 Spanish 101 (NCEA)				
WHY STUDY THIS COURSE?		Who is learning Spanish these days? Spanish is becoming of greater importance in Europe, where it often is the foreign language of choice after English. It is no surprise that Spanish is a popular second or third language: with some 400 million speakers, it is the second most commonly spoken language in the world after Chinese and according to some counts it has more native speakers than English does. It is an official language on four continents and is of historical importance elsewhere. Learning Spanish may open doors for many wonderful experiences, allowing you to see and do things that many other people may not.		
COURSE DESCRIPTION		<p>At this level, students can understand and use familiar expressions and everyday vocabulary. They can interact in a simple way in supported situations. Communication at this level means that, in selected linguistic and sociocultural contexts, students will:</p> <ul style="list-style-type: none"> receive and produce information; produce and respond to questions and requests; show social awareness when interacting with others. <p>Language Knowledge and Cultural Knowledge at this level means that, in selected linguistic and sociocultural contexts, students will:</p> <ul style="list-style-type: none"> recognise that Spanish is organised in particular ways; make connections with their own language(s); recognise that Hispanic cultures are organised in particular ways; make connections with known culture(s). 		
ENTRY REQUIREMENTS		This course requires students to have completed previous study of Spanish in Years 9 and 10.		
COURSE COSTS		\$50 – Listos Cuaderno 3; Language Perfect Subscription; ALC Assessment of Language Competence (option)		
No.	I/E	Level	Credits	Standard Title
90909	I	1	4	Give a spoken presentation in Spanish that communicates a personal response.
90912	I	1	5	Write a variety of text types in Spanish on areas of most immediate relevance.
90908	E	1	5	Demonstrate understanding of a variety of spoken Spanish texts on areas of most immediate relevance.
90911	E	1	5	Demonstrate understanding of a variety of Spanish texts on areas of most immediate relevance.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two Spanish.		

LEVEL TWO SPANISH

Year 12 Spanish 201 (NCEA)				
WHY STUDY THIS COURSE?		Languages link people locally and globally. They are spoken in the community, used internationally, and play a role in shaping the world. Oral, written, and visual forms of language link us to the past and give us access to new and different streams of thought and to beliefs and cultural practices. By learning an additional language and its related culture(s), students come to appreciate that languages and cultures are systems that are organised and used in particular ways to achieve meaning. Learning a new language extends students' linguistic and cultural understanding and their ability to interact appropriately with other speakers. Interaction in a new language introduces them to new ways of thinking about, questioning, and interpreting the world and their place in it. Through such interaction, students acquire knowledge, skills, and attitudes that equip them for living in a world of diverse peoples, languages, and cultures. As they learn a language, students develop their understanding of the power of language. They discover new ways of learning, and more about their own capabilities. Learning a language provides students with the cognitive tools and strategies to learn further languages and to increase their understanding of their own language(s) and culture(s).		
COURSE DESCRIPTION		The Spanish programme develops the speaking, listening and writing skills in Spanish to meet with the requirements of NCEA Level 2. This is done within the context of the following topics: travel, school, friendship, history, extra-curricular activities.		
ENTRY REQUIREMENTS		Students must have completed Year 11 Spanish and have gained a minimum of 12 level One NCEA credits in Spanish. In cases where students have fewer than 12 credits, application can be made to the TIC Spanish for special admission.		
COURSE COSTS		\$60 – Ánimo Grammar Workbook, Language Perfect subscription (one year), ALC Assessment of Language Competence (optional).		
No.	I/E	Level	Credits	Standard Title
91150	I	2	4	Give a spoken presentation in Spanish that communicates information, ideas and opinions.
91152	I	2	5	Write a variety of text types in Spanish to convey information, ideas and opinions in genuine contexts.
91148	E	2	5	Demonstrate understanding of a variety of spoken Spanish texts on familiar matters.
91151	E	2	5	Demonstrate understanding of a variety of Spanish texts and/or visual Spanish text(s) on familiar matters.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two Spanish.		

LEVEL THREE SPANISH

Year 13 Spanish 301 (NCEA)				
WHY STUDY THIS COURSE?		<p>Languages are inseparably linked to the social and cultural contexts in which they are used. Languages and cultures play a key role in developing our personal, group, national, and human identities. Every language has its own way of expressing meanings; each has intrinsic value and special significance for its users.</p> <p>In learning languages, students learn to communicate in an additional language. As they do so, they begin to expand their own world and to open up a whole range of new possibilities. Learning one new language makes it easier to learn others.</p> <p>Spanish is the second most widely spoken language and is used by over 500 million people in Spain and both North and South America. By studying Spanish, students will gain insight into a rich history that has spanned the globe, not to mention a variety of cultures and societies. Many New Zealanders are choosing to learn Spanish for its importance as both a commercial and cultural language.</p>		
COURSE DESCRIPTION		<p>Having an understanding of the cultures that surround a language is integral to communicating. This course focuses on authentic Spanish for conversation in a variety of situations in both Latin America and Spain. Throughout, there will be many opportunities to speak Spanish, and language skills will also be furthered through exercises in listening for understanding, interest and enjoyment, along with reading and writing work that will develop an appreciation for both the language and the culture.</p>		
ENTRY REQUIREMENTS		<p>Students must have completed Year 12 Spanish and have gained a minimum of 12 level Two NCEA credits in Spanish. In cases where students have fewer than 12 credits, application can be made to the TIC Spanish for special admission.</p>		
COURSE COSTS		<p>\$60 – Ánimo Grammar Workbook, Language Perfect subscription (one year), ALC Assessment of Language Competence (optional approx. \$10).</p>		
No.	I/E	Level	Credits	Standard Title
91572	I	3	5	Write a variety of text types in clear Spanish to explore and justify varied ideas and perspectives
91569	I	3	3	Give a clear spoken presentation in Spanish that communicates a critical response to stimulus material
91571	E	3	5	Demonstrate understanding of a variety of extended written and/or visual Spanish texts
91568	E	3	5	Demonstrate understanding of a variety of extended spoken Spanish texts
COURSE OFFERS ENDORSEMENT		<p>Yes - subject to NZQA criteria being met.</p>		
PATHWAY LINK		<p>Leads into Year 1 University Spanish courses.</p>		

LEVEL ONE TE REO MĀORI

Year 11 Te Reo Māori 101 (NCEA)				
WHY STUDY THIS COURSE?		This course aims to develop the competency of students in Te Reo Maori in a wide range of situations using different language skills. It develops student's knowledge of tikanga and kawa and encourages students to speak te reo Māori inside and outside the classroom. Students will have the opportunity to earn 24 credits from two internally assessed standards followed with two externally assessed standards.		
COURSE DESCRIPTION		This Te Reo Māori course offers the opportunity for students to gain five Te Reo Māori Achievement Standards for a total of 30 credits. 12 of these credits are externally assessed through reading and writing examinations, while 18 credits can be achieved internally through assessments such as listening, speaking and writing.		
ENTRY REQUIREMENTS		Two years secondary level Te Reo Māori (Year 9 and Year 10). If requirements not met, individual circumstances can be discussed		
COURSE COSTS		\$20 – Language Perfect web log on.		
No.	I/E	Level	Credits	Standard Title
91085	I	1	6	Whakarongo kia mohio ki te reo o tona ao.
91086	I	1	6	Korero kia whakamahi i te reo o tona ao.
91089	I	1	6	Waihanga tuhinga i te reo o tona ao.
91087	E	1	6	Panui kia mohio ki te reo o tona ao.
91088	E	1	6	Tuhi i te reo o tona ao.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two Te Reo Māori.		

LEVEL TWO TE REO MĀORI

Year 12 Te Reo Māori 201 (NCEA)					
WHY STUDY THIS COURSE?			<p>This course aims to provide and develop a balanced approach towards writing, reading, oral and listening standards. By the end of the course, students will be able to better use language effectively to express their own ideas and opinions, communicate with more a complex use of language beyond the immediate context, and can understand and produce a variety of text types.</p> <p>Students will have the opportunity to earn 28 credits from three internally assessed standards and two externally assessed standards.</p>		
COURSE DESCRIPTION			<p>This course further develops students' competence in Te Reo Māori in a range of situations using their listening, speaking, reading and writing skills. The course also aims to give students the opportunity to delve into the realms of traditional cultural practices through the art of haka, taonga pūoro and tikanga Māori</p>		
ENTRY REQUIREMENTS			<p>Students must have completed Year 11 Te Reo Māori and have gained a minimum of 12 NCEA Level One credits in Te Reo Māori. In cases where the students have fewer than 12 credits, application can be made to the TIC Te Reo Māori for special admission.</p>		
COURSE COSTS			\$20 Language Perfect log on.		
No.	I/E	Level	Credits	Lit	Standard Title
91284	I	2	4		Whakarongo kia mōhio ki te reo o te ao torotoro.
91285	I	2	6		Kōrero kia whakamahi i te reo o te ao torotoro.
91288	I	2	6		Waihanga tuhinga auaha, i te reo o te ao torotoro.
91286	E	2	6	UE R	Pānui kia mōhio ki te reo o te ao torotoro.
91287	E	2	6	UE W	Tuhi i te reo o te ao torotoro.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads into NCEA Level Three Te Reo Māori.		

LEVEL THREE TE REO MĀORI

Year 13 Te Reo Māori 301 (NCEA)					
WHY STUDY THIS COURSE?			This course aims to provide a balanced approach to written, oral, reading and listening strands of Te Reo Māori with major emphasis placed on independent learning. This course aims to develop student's ability to communicate with more complex use of language, identify the linguistic forms that guide interpretation and enable them to respond critically to texts. Students will have the opportunity to earn 28 credits from three internally assessed standards and two externally assessed standards.		
COURSE DESCRIPTION			This course further develops students' competence in Te Reo Māori in a range of situations using their listening, speaking, reading and writing skills. The course also aims to give students the opportunity to delve into the realms of traditional cultural practices through the art of haka, tikanga Māori and kawa. It offers five Te Reo Māori Achievement Standards, for a total of 28 credits at Level Three.		
ENTRY REQUIREMENTS			Students must have completed Year 12 Te Reo Māori and have gained a minimum of 12 NCEA Level Two credits in Te Reo Māori. In cases where the students have fewer than 12 credits, application can be made to the TIC Te Reo Māori for special admission.		
COURSE COSTS			\$20 Language Perfect log on.		
No.	I/E	Level	Credits	Lit	Standard Title
91650	I	3	4		Whakarongo kia mōhio ki te reo Māori o te ao whānui.
91651	I	3	6		Kōrero kia whakamahi i te reo Māori o te ao whānui.
91654	I	3	6		Waihanga tuhinga whai take i te reo Maori o te ao whanui.
91652	E	3	6	UE R	Pānui kia mōhio ki te reo Māori o te ao whānui.
91653	E	3	6	UE W	Tuhi i te reo Māori o te ao whānui.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads into Tertiary Education.		

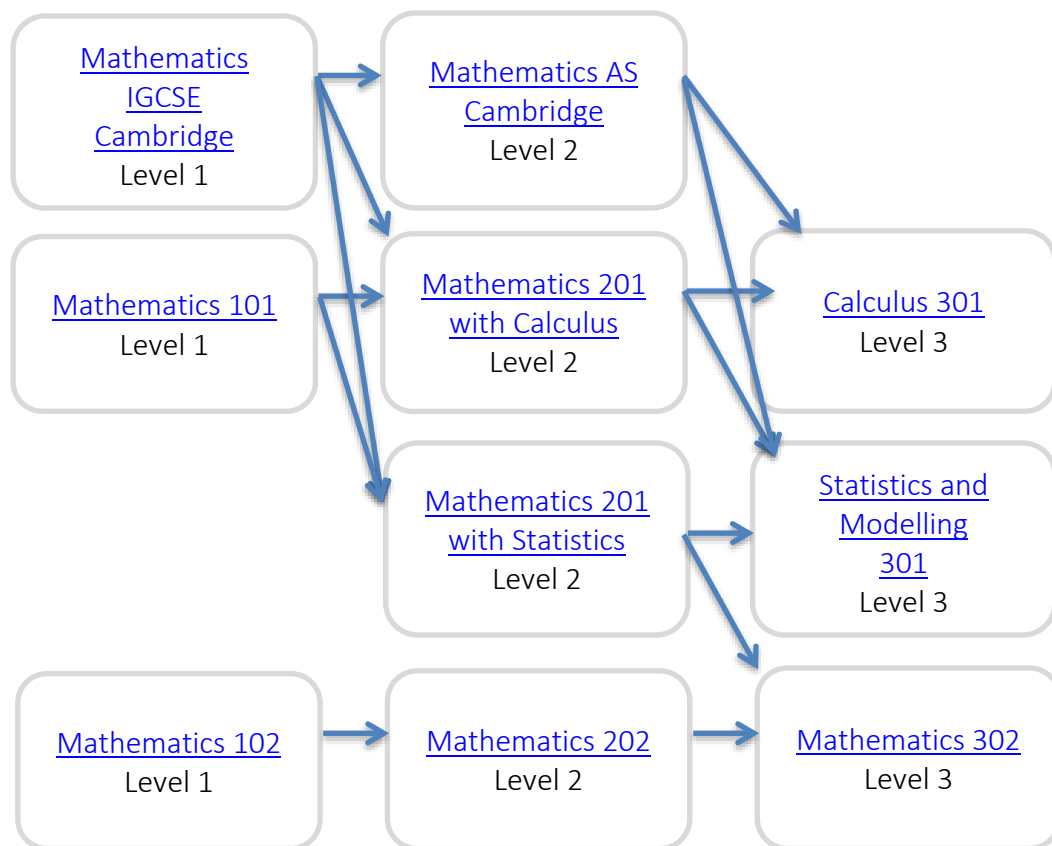
LEVEL TWO MEDIA STUDIES

Year 12 Media Studies 201 (NCEA)

WHY STUDY THIS COURSE?					As a subject Media studies recognises that we live in a media rich age, and that our media interactions shape our reality. This is a great course for anyone who wants to consider a career in Marketing, Journalism, Public Relations, Broadcasting or Media Production.
COURSE DESCRIPTION					<ul style="list-style-type: none">▪ To introduce students to the study of Media and how our lives are driven or at least influenced by the media.▪ To gain skills in the medium of film.▪ To encourage students to analyse the way the media influences their view of the world.
ENTRY REQUIREMENTS					This course is open to all students. You will find that well-rounded English skills will aid you in this course. Interest in Art, Films, Drama, History and Social Issues will also help. Students who are new to this course have the ability to do very well.
COURSE COSTS					\$20
No.	I/E	Level	Credits	Lit	Standard Title
91249	I	2	4		Demonstrate understanding of narrative in media texts.
91250	I	2	3		Demonstrate understanding of representation in the media.
91252	I	2	4		Produce a design and plan for a developed media product using a range of conventions.
91253	I	2	6		Complete a developed media product from a design and plan using a range of conventions.
91254	I	2	3		Demonstrate understanding of an ethical issue in the media.
91251	E	2	4	UE R UE W	Demonstrate understanding of an aspect of a media genre.
COURSE OFFERS ENDORSEMENT					Yes - subject to NZQA criteria being met.
PATHWAY LINK					This course leads into Level Three Media Studies.

LEVEL THREE MEDIA STUDIES

Year 13 Media Studies 301 (NCEA)					
WHY STUDY THIS COURSE?		As a subject Media studies recognizes that we live in a media rich age, and that our media interactions shape our reality. Also that we can use media to have an influence on the world. This course leads naturally from Level Two Media Studies, but it can also operate as a stand-alone course for those with experience in video production. This course will provide a strong base for further tertiary study and career opportunities in Marketing, Journalism, Public Relations, Broadcasting or Media Production. The course has an emphasis on film and the music industry. Students will need to have well developed time management and independent working skills.			
COURSE DESCRIPTION		<ul style="list-style-type: none"> ▪ To allow students to continue the study of Media and how our lives are driven or at least influenced by the media. ▪ To provide a strong base for further tertiary study and career opportunities in various aspects of the media. ▪ To gain skills in the medium of film. ▪ To gain skills in the medium of electronic communication. ▪ To encourage critical analysis of how media affects our lives. 			
ENTRY REQUIREMENTS		Students will need at least 12 credits from English 201, History 201 or Media Studies 201 to enter this course, which is a challenging mix of theory and practical work. If entering from English 201, students should have achieved AS910999 "Analyse a visual or oral text" and AS91107 "Close viewing of a visual or oral text". If entering from outside of 201 Media Studies, students will need to demonstrate previous experience in video production. Entry to this course will be at the discretion of the HOS English and Head of Media Studies.			
COURSE COSTS		\$20			
No.	I/E	Level	Credits	Lit	Standard Title
91494	I	3	4		Produce a design for a media product that meets the requirements of a brief.
91495	I	3	6		Produce a media product to meet the requirements of a brief.
91496	I	3	3		Demonstrate understanding of a significant development in the media.
91490	E	3	4	UE R UE W	Demonstrate understanding of an aspect of a media industry.
91493	E	3	4	UE R UE W	Demonstrate understanding of a relationship between a media genre and society.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.			
PATHWAY LINK		This course leads into tertiary education.			



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LEVEL ONE MATHEMATICS

Year 11 Mathematics Cambridge IGCSE (Extended)				
WHY STUDY THIS COURSE?			The purpose of the IGCSE Mathematics curriculum is to enable students to develop their mathematical knowledge, understanding, skills, communication and logical thinking in a way which encourages confidence and provides satisfaction and enjoyment. It enables students to apply Mathematics in everyday situations and develop an understanding of the part which Mathematics plays in the world around them. It helps them to appreciate the interdependence of different branches of Mathematics and other subjects and to acquire a foundation appropriate to their further study of Mathematics and of other disciplines.	
COURSE DESCRIPTION			Candidates follow the Extended curriculum which involves both the Core and Supplement, to enable them to gain Grades from A* to C. The main topic areas are Number, Algebra, Space & Shape and Statistics & Probability. Students can also complete up to five achievement standards towards NCEA Level 1.	
ENTRY REQUIREMENTS			Students must have done exceptionally well in Year 10 Mathematics to gain entry into this course. Proofs of results are required of students who did not attend St Paul’s in Year 10. This is normally a two-year course which we complete in three terms; therefore the pace and content mean that only academically able students can find success.	
COURSE COSTS			CIE exams fee apply and are currently \$120 for this course.	
Paper		Weighting		Extended Curriculum – Grades Available A*-G
2		1		Paper 2 (1½ hours) - Short-answer questions
4		1		Paper 4 (2½ hours) - Structured questions
No.	I/E	Level	Credits	Standard Title
91026	I	1	4	Apply numeric reasoning in solving problems.
91032	I	1	3	Apply right-angled triangles in solving measurement problems.
91027	E	1	4	Apply algebraic procedures in solving problems.
91028	E	1	4	Investigate relationships between tables, equations and graphs.
91031	E	1	4	Apply geometric reasoning in solving problems.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.	
PATHWAY LINK			Leads into NCEA Level Two Mathematics or Cambridge AS course.	

LEVEL ONE MATHEMATICS

Year 11 Mathematics 101 (NCEA)				
WHY STUDY THIS COURSE?		This course builds on previous mathematical studies and provides an essential background for further mainstream mathematics courses at a higher level, including Level Two and Level Three. All classes will do a basic core Mathematics course.		
COURSE DESCRIPTION		<p>To introduce skills essential to later study within and beyond school. To gain an appreciation for the need for logic, discipline, structure and problem solving as tools for everyday living using:</p> <ul style="list-style-type: none"> ▪ number ▪ geometry ▪ algebra ▪ statistics 		
ENTRY REQUIREMENTS		Students must have confidence in their mastery of all work done in previous years. A weak grasp of Year 10 Mathematics is likely to lead to an inability to achieve success in this course. Students who have not achieved a majority of Merit or Excellence grades in their Year 10 topics could find this course unsuitable.		
COURSE COSTS		\$50 approx - Students will be required to purchase Nulake or Walker maths homework booklets. Students require a scientific calculator.		
No.	I/E	Level	Credits	Standard Title
91026	I	1	4	Apply numeric reasoning in solving problems.
91035	I	1	4	Investigate a given multivariate data set using the statistical enquiry cycle.
91032	I	1	3	Apply right-angled triangles in solving measurement problems.
91027	E	1	4	Apply algebraic procedures in solving problems.
91028	E	1	4	Investigate relationships between tables, equations and graphs.
91031	E	1	4	Apply Geometric Reasoning in solving problems.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two Mathematics with Calculus or NCEA Level Two Mathematics with Statistics.		

LEVEL ONE MATHEMATICS

Year 11 Mathematics 102 (NCEA)				
WHY STUDY THIS COURSE?		This course is intended for students whose previous mathematical success is limited. There is only one external examination. It also offers students the opportunity to gain more than ten credits for the basic numeracy requirement of NCEA Level One.		
COURSE DESCRIPTION		<p>To introduce skills essential to later study within and beyond school. To gain an appreciation for the need for logic, discipline, structure and problem solving as tools for everyday living using:</p> <ul style="list-style-type: none"> ▪ number ▪ geometry ▪ algebra ▪ statistics 		
ENTRY REQUIREMENTS		Students who have gained mostly Achieved or Not Achieved grades in the majority of the assessments for Mathematics in Year 10 are advised to take this course.		
COURSE COSTS		\$50 approx - Students will be required to purchase Nulake or Walker maths homework booklets. Students require a scientific calculator.		
No.	I/E	Level	Credits	Standard Title
91026	I	1	4	Apply numeric reasoning in solving problems.
91030	I	1	3	Apply measurement in solving problems. (Done at Tihoi in Year 10 only.)
91032	I	1	3	Apply right-angled triangles in solving measurement problems.
91033	I	1	3	Apply knowledge of geometric representations in solving problems.
91035	I	1	4	Investigate a given multivariate data set using the statistical enquiry cycle.
91036	I	1	3	Investigate bivariate numerical data using the statistical enquiry cycle.
91027	E	1	4	Apply algebraic procedures in solving problems.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Year 12 Mathematics 202 (NCEA).		

LEVEL TWO MATHEMATICS

Year 12 Cambridge AS Level Mathematics				
WHY STUDY THIS COURSE?		<p>Cambridge International A and AS Level Mathematics are accepted by universities and employers as proof of mathematical knowledge and understanding. Successful candidates gain lifelong skills, including:</p> <ul style="list-style-type: none">▪ a deeper understanding of mathematical principles;▪ the further development of mathematical skills including the use of applications of Mathematics in the context of everyday situations and in other subjects that they may be studying;▪ the ability to analyse problems logically, recognising when and how a situation may be represented mathematically;▪ the use of Mathematics as a means of communication;▪ a solid foundation for further study.		
COURSE DESCRIPTION:		The syllabus for AS Level Mathematics comprises of the unit of Pure Mathematics (P1) and the unit of Probability and Statistics (S1). Students can also complete up to six achievement standards towards NCEA Level 1.		
ENTRY REQUIREMENTS:		Students opting for this course need a B or higher in the Extended papers at IGCSE or gaining the majority of Merit or higher at NCEA Level One in the external examinations or at the discretion of the HOD of Mathematics.		
COURSE COSTS:		CIE exams fee apply and are currently \$120 for this course.		
Cambridge Certification Title		Units		Examination
AS Level Mathematics		Pure Mathematics P1		Paper 1 Examination 1.75 hrs
		Probability and Statistics S1		Paper 6 Examination 1.25 hrs
NCEA Examinations				
No.	I/E	Level	Credits	Standard Title
91256	I	2	2	Apply co-ordinate geometry methods in solving problems.
91258	I	2	2	Apply sequences and series in solving problems.
91259	I	2	3	Apply trigonometric relationships in solving problems.
91269	I	2	2	Apply systems of equations in solving problems.
91261	E	2	4	Apply algebraic methods in solving problems.
91262	E	2	5	Apply calculus methods in solving problems.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Three Mathematics.		

LEVEL TWO MATHEMATICS

Year 12 Mathematics with Calculus 201 (NCEA)

WHY STUDY THIS COURSE?	This course introduces skills essential to later study within and beyond school. Mathematics beyond Level Two is an essential requirement for many tertiary courses. Six achievement standards will be taught in this course for a total of 22 credits. This course will lead on to 301 Statistics and Modelling or Calculus or both in Level Three.			
COURSE DESCRIPTION	To introduce skills essential to later study within and beyond school. To gain an appreciation for the need for logic, discipline, structure and problem solving as tools for everyday living.			
ENTRY REQUIREMENTS	Students need to be aware that this Level Two course is very challenging and much more difficult than the Level One course, with many new concepts that will need to be assimilated throughout the year. This course assumes confidence with the Mathematics 101 course. The following Level One standards should have been passed with Merit grades: AS 90126 Apply numeric reasoning in solving problems and AS 90127 Apply algebraic procedures in solving problems. Course placement is obviously dependent on Level One results and is at the discretion of the HOD.			
COURSE COSTS	\$50 approx - Students will be required to purchase Nulake or Walker maths homework booklets. A <i>CASIO FX-9750G PLUS</i> graphical calculator is required for this course.			
No.	I/E	Level	Credits	Standard Title
91256	I	2	2	Apply co-ordinate geometry methods in solving problems.
91257	I	2	4	Apply graphical models in solving problems.
91264	I	2	4	Use statistical methods to make an inference.
91259	I	2	3	Apply trigonometric relationships in solving problems.
91261	E	2	4	Apply algebraic methods in solving problems.
91262	E	2	5	Apply calculus methods in solving problems.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.	
PATHWAY LINK			Leads into NCEA Level Three Calculus or Level Three 301 Statistics and Modelling or both.	

LEVEL TWO MATHEMATICS

Year 12 Mathematics with Statistics 201 (NCEA)				
WHY STUDY THIS COURSE?		This course introduces skills essential to later study within and beyond school. Mathematics beyond Level Two is an essential requirement for many tertiary courses. Seven achievement standards will be taught in this course for a total of nineteen credits. This course will lead on to only 301 Statistics and Modelling in Level Three.		
COURSE DESCRIPTION		To introduce skills essential to later study within and beyond school. To gain an appreciation for the need for logic, discipline, structure and problem solving as tools for everyday living.		
ENTRY REQUIREMENTS		Students need to be aware that this Level Two course is challenging and much more difficult than the Level One course, with many new concepts that will need to be assimilated throughout the year. This course assumes confidence with the Mathematics 101 course. Achievement Standards 90126 Apply numeric reasoning in solving problems and 90127 Apply algebraic procedures in solving problems need to have been passed. Course placement is obviously dependent on Level One results and is at the discretion of the HOD.		
COURSE COSTS		\$50 approx - Students will be required to purchase Nulake or Walker maths homework booklets. A <i>CASIO FX-9750G PLUS</i> graphical calculator is required for this course.		
No.	I/E	Level	Credits	Standard Title
91256	I	2	2	Apply co-ordinate geometry methods in solving problems.
91258	I	2	2	Apply sequences and series in solving problems.
91259	I	2	3	Apply trigonometric relationships in solving problems.
91264	I	2	4	Use statistical methods to make an inference.
91268	I	2	2	Investigate a situation involving elements of chance using a simulation.
91260	I	2	2	Apply network methods in solving problems
91269	I	2	2	Apply systems of equations in solving problems
91267	E	2	4	Apply probability methods in solving problems
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Three 301 Mathematics with Statistics and Modelling.		

LEVEL TWO MATHEMATICS

Year 12 Level Two Mathematics 202 (NCEA)

WHY STUDY THIS COURSE?					This course allows students to continue studying Mathematics after their 102 course. It is not a suitable foundation course for the Level Three Calculus or 301 Statistics and Modelling courses. This course can lead on to the Level Three 302 Statistics and Modelling course.
COURSE DESCRIPTION:					<p>This course is all internally assessed with 20 credits on offer. The internals include:</p> <ul style="list-style-type: none">▪ graphical models▪ trigonometric relationships▪ making a statistical inference▪ sequences and series▪ network methods▪ probability simulations▪ systems of equations
ENTRY REQUIREMENTS					Students who want to take this course must have passed a minimum of fifteen Level One Mathematics credits.
COURSE COSTS					\$50 approx - Students will be required to purchase Nulake or Walker maths homework booklets. A <i>CASIO FX-9750G PLUS</i> graphical calculator is required for this course.
No.	I/E	Level	Credits	Standard Title	
91257	I	2	4	Apply graphical methods in solving problems.	
91258	I	2	2	Apply sequences and series in solving problems.	
91259	I	2	3	Apply trigonometric relationships in solving problems.	
91260	I	2	2	Apply network methods in solving problems.	
91264	I	2	4	Use statistical methods to make an inference.	
91268	I	2	2	Investigate a situation involving elements of chance using a simulation.	
91269	I	2	2	Apply systems of equations in solving problems.	
COURSE OFFERS ENDORSEMENT				No - There are no external standards.	
PATHWAY LINK				Leads into NCEA Level Three 302 Mathematics with Statistics and Modelling.	

LEVEL TWO MATHEMATICS

Year 12 Cambridge AS Level Mathematics				
WHY STUDY THIS COURSE?		<p>Cambridge International A and AS Level Mathematics are accepted by universities and employers as proof of mathematical knowledge and understanding. Successful candidates gain lifelong skills, including:</p> <ul style="list-style-type: none">▪ a deeper understanding of mathematical principles;▪ the further development of mathematical skills including the use of applications of Mathematics in the context of everyday situations and in other subjects that they may be studying;▪ the ability to analyse problems logically, recognising when and how a situation may be represented mathematically;▪ the use of Mathematics as a means of communication;▪ a solid foundation for further study.		
COURSE DESCRIPTION:		The syllabus for AS Level Mathematics comprises of the unit of Pure Mathematics (P1) and the unit of Probability and Statistics (S1). Students can also complete up to six achievement standards towards NCEA Level 1.		
ENTRY REQUIREMENTS:		Students opting for this course need a B or higher in the Extended papers at IGCSE or gaining the majority of Merit or higher at NCEA Level One in the external examinations or at the discretion of the HOD of Mathematics.		
COURSE COSTS:		CIE exams fee apply and are currently \$120 for this course.		
Cambridge Certification Title		Units		Examination
AS Level Mathematics		Pure Mathematics P1		Paper 1 Examination 1.75 hrs
		Probability and Statistics S1		Paper 6 Examination 1.25 hrs
NCEA Examinations				
No.	I/E	Level	Credits	Standard Title
91256	I	2	2	Apply co-ordinate geometry methods in solving problems.
91258	I	2	2	Apply sequences and series in solving problems.
91259	I	2	3	Apply trigonometric relationships in solving problems.
91269	I	2	2	Apply systems of equations in solving problems.
91261	E	2	4	Apply algebraic methods in solving problems.
91262	E	2	5	Apply calculus methods in solving problems.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Three Mathematics.		

LEVEL THREE MATHEMATICS

Year 13 Mathematics with Calculus 301 (NCEA)

WHY STUDY THIS COURSE?	This course extends previous mathematical studies, particularly differential and integral calculus that forms half of the course. It is an essential subject for tertiary engineering and some scientific courses. It is also useful in many other fields of study such as Economics. Mathematics with Calculus can be taken independently of, or in conjunction with, Statistics and Modelling at Level Three.
COURSE DESCRIPTION	To extend previous mathematic studies, particularly differential and integral calculus. Topics covered are differentiation, differential equations, trigonometry, integration, algebra and geometry.
ENTRY REQUIREMENTS	This course assumes confidence with most aspects of the Calculus Mathematics 201 course. Students must be aware that the course is very challenging, and a grade point average of 60 or more is recommended from the Level Two Calculus course, with Merit passes in the Algebra Achievement Standards or a Cambridge AS pass.
COURSE COSTS	\$40 approx - Students will be required to purchase Nulake or Walker maths homework booklets. A <i>CASIO FX-9750G PLUS</i> graphical calculator is required for this course.

No.	I/E	Level	Credits	Standard Title
91573	I	3	3	Apply the geometry of conic sections in solving problems.
91575	I	3	4	Apply trigonometry methods in solving problems
91587	I	3	3	Apply systems of simultaneous equations in solving problems.
91577	E	3	5	Apply the algebra of complex numbers in solving problems.
91578	E	3	6	Apply differentiation methods in solving problems.
91579	E	3	6	Apply integration methods in solving problems.

COURSE OFFERS ENDORSEMENT	Yes - subject to NZQA criteria being met.
PATHWAY LINK	Leads into Tertiary Education.

LEVEL THREE MATHEMATICS

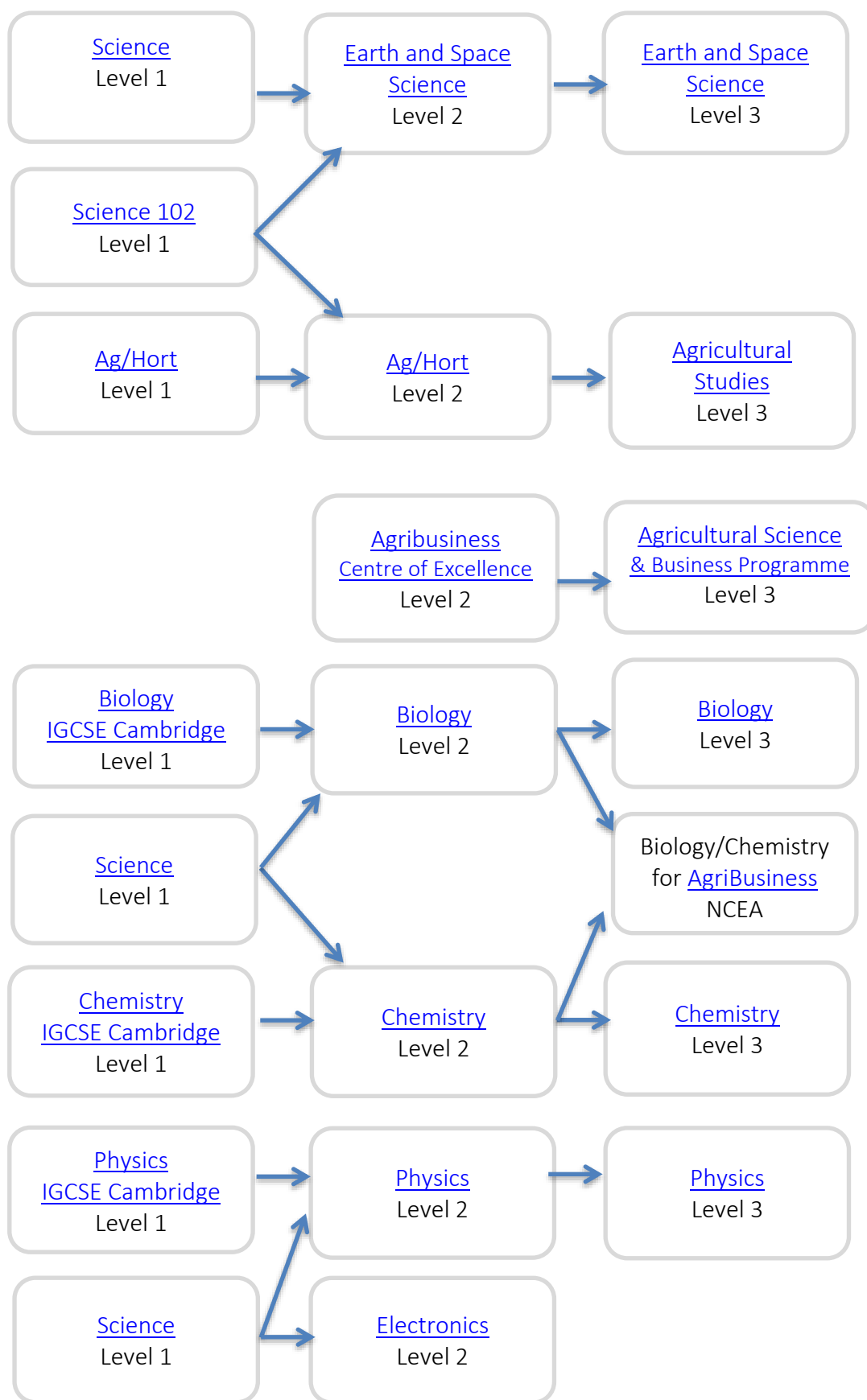
Year 13 Mathematics with Statistics 301 (NCEA)

WHY STUDY THIS COURSE?					This is a subject needed for entry into many tertiary courses. It can be taken independently of, or in conjunction with, Mathematics with Calculus at Level Three.
COURSE DESCRIPTION					This course has four internals and two externals with nineteen credits on offer. The internals include statistical investigations involving time series, bivariate data and formal inference. The external examination topic is probability distributions.
ENTRY REQUIREMENTS					This course assumes confidence with most aspects of the Level Two Statistics or Calculus course. Students must be aware that the course is challenging, and a grade point average of 60 is recommended from their Level Two course, with Merit passes in the Algebra achievement standards.
COURSE COSTS					\$65 approx - Students will be required to purchase Nu Lake homework booklets and Statistics Learning Centre for homework. A <i>CASIO FX-9750G PLUS</i> graphical calculator is required for this course.
No.	I/E	Level	Credits	Standard Title	
91580	I	3	4	Investigate time series data.	
91581	I	3	4	Investigate bivariate measurement data.	
91582	I	3	4	Use statistical methods to make an inference.	
91587	I	3	3	Apply systems of simultaneous equations in solving problems.	
91585	E	3	4	Apply probability concepts in solving problems.	
91586	E	3	4	Use probability distribution models to solve straightforward problems.	
COURSE OFFERS ENDORSEMENT				Yes - subject to NZQA criteria being met.	
PATHWAY LINK				Leads into Tertiary Education.	

LEVEL THREE MATHEMATICS

Year 13 Mathematics with Statistics 302 (NCEA)

WHY STUDY THIS COURSE?				This is a subject needed for entry into many tertiary courses.	
COURSE DESCRIPTION				This course is all internally assessed with 22 credits on offer. The internals include three statistical reports involving time series, formal inference and bivariate data. There are also two one-hour assessments.	
ENTRY REQUIREMENTS				This course assumes confidence with most aspects of the Level Two Mathematics 202 course. Students must be aware that the course is challenging, and a grade point average of 60 is recommended from their Level Two Mathematics 202 course.	
COURSE COSTS				\$65 approx - Students will be required to purchase Nu Lake homework booklets and Statistics Learning Centre for homework. A <i>CASIO FX-9750G PLUS</i> graphical calculator is required for this course.	
No.	I/E	Level	Credits	Standard Title	
91574	I	3	3	Apply linear programming methods in solving problems.	
91580	I	3	4	Investigate time series data.	
91581	I	3	4	Investigate bivariate measurement data.	
91582	I	3	4	Use statistical methods to make an inference.	
91587	I	3	3	Apply systems of simultaneous equations in solving problems.	
91576	I	3	2	Use critical path analysis in solving problems	
COURSE OFFERS ENDORSEMENT				Yes – subject to NZQA criteria being met.	
PATHWAY LINK				Leads into Tertiary Education.	



Year 11 Science 101 (NCEA)

WHY STUDY THIS COURSE?	This course allows students to keep their options open. It may be taken in conjunction with any other Year 11 Science course. Success in this course provides students with the option of specialising at Year 12, or continuing with a broad, balanced Science programme.			
COURSE DESCRIPTION	<p>This course will provide students with a broad Science experience covering the main Sciences of Biology, Chemistry, Physics and Astronomy with enough detail to provide students with the opportunity of specialising in one or more of the Sciences at Year 12.</p> <ul style="list-style-type: none"> ▪ Biology – genetics (inheritance and storage of genetic code) ▪ Chemistry – chemical language, acids and bases ▪ Physics – forces, motion, energy and work ▪ Astronomy – Astronomical relationships of the Earth and sun. ▪ Practical investigations ▪ Research skills 			
ENTRY REQUIREMENTS	Completion of Year 10 Science with passing grades in all sections of the course (60%+ in end of year examination).			
COURSE COSTS	\$20 - NCEA Level 1 SciPAD Workbook \$20 - NCEA Level 1 AME Revision Workbook			
No.	I/E	Level	Credits	Standard Title
90930	I	1	4	Carry out a practical chemistry investigation, with direction.
90954	I	1	4	Demonstrate understanding of the effects of astronomical cycles on planet Earth.
90940	E	1	4	Demonstrate understanding of aspects of mechanics.
90944	E	1	4	Demonstrate understanding of aspects of acids and bases.
90948	E	1	4	Demonstrate understanding of biological ideas relating to genetic variation.
COURSE OFFERS ENDORSEMENT	Yes - subject to NZQA criteria being met.			
PATHWAY LINK	Leads into Level Two: Biology, Physics, Chemistry and Earth and Space Science.			

LEVEL ONE SCIENCE (102)

Year 11 Science 102 (NCEA)

WHY STUDY THIS COURSE?					This course is designed for students who achieve better with internal assessments, as there is only one standard assessed in the external examination. The focus of the course is Human Science.
COURSE DESCRIPTION					<p>This course provides students with a broad Science experience covering the Nature of Science, Living World, Planet Earth and Beyond, Physical World and the Material World.</p> <div><div><ul style="list-style-type: none">practical investigationHuman health and using micro-organisms in food productionAstronomical relationship between the Earth and Sun</div><div><ul style="list-style-type: none">physics of sports mechanicshuman biological processes of movement and respiration</div></div>
ENTRY REQUIREMENTS					No pre-requisite required. This course suits students who succeed through hands-on experiences.
COURSE COSTS:					\$10 - NCEA Level 1 SciPAD Mechanics Workbook \$15 approx – ½ day field trip.
No.	I/E	Level	Credits	Standard Title	
90949	I	1	4	Investigate life processes and environmental factors that affect them.	
90930	I	1	4	Carry out a practical chemistry investigation, with direction.	
90954	I	1	4	Demonstrate understanding of the effects of astronomical cycles on planet Earth.	
90950	I	1	4	Investigate biological ideas relating to interactions between humans and micro-organisms.	
90940	E	1	4	Demonstrate understanding of aspects of mechanics.	
COURSE OFFERS ENDORSEMENT				Yes - subject to NZQA criteria being met.	
PATHWAY LINK				Leads into NCEA Level Two Earth and Space Science.	

LEVEL TWO EARTH AND SPACE SCIENCE

Year 12 Earth and Space Science 201 (NCEA)				
WHY STUDY THIS COURSE?		There is a nationwide demand for graduates with Science degrees that incorporate Geological Science. This course explores the fundamental principles and skills of this career pathway. The course is also designed for students who achieve better with internal assessments.		
COURSE DESCRIPTION		This course provides students with a variety of Earth and Space Science experiences. From learning about biological adaptations of creatures to survive extreme environments, to investigating the extreme geological and meteorological events that are shaping our Earth (Earthquakes, Volcanoes and Tsunami).		
ENTRY REQUIREMENTS		8 credits in Level One Science or the equivalent in IGCSE.		
COURSE COSTS		\$50 - Day trip to Waitomo Caves. \$10 approx - for Hamilton Observatory evening visit. \$30 approx - ESA Level 2 Earth and Space Science workbook.		
No.	I/E	Level	Credits	Standard Title
91187	I	2	4	Carry out a practical Earth and Space Science investigation.
91189	I	2	4	Investigate geological processes in a New Zealand locality.
91190	I	2	4	Investigate how organisms survive in an extreme environment.
91191	E	2	4	Demonstrate understanding of the causes of extreme Earth events in New Zealand.
91192	E	2	4	Demonstrate understanding of stars and planetary systems.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into Level Three Earth and Space Science.		

LEVEL THREE EARTH AND SPACE SCIENCE

Year 13 Earth and Space Science 301 (NCEA)					
WHY STUDY THIS COURSE?			Understanding the systems and processes of how our planet sustains life is becoming increasingly important to the human race for its future survival. There is a growing demand for graduates in the Earth Sciences and this course provides an excellent introduction to current tertiary programmes.		
COURSE DESCRIPTION			This course focuses heavily on Earth Systems and Space Science, while providing students with a variety of Science skills and learning experiences. The inter-relationship between the Geosphere, the Hydrosphere and the Atmosphere is the focus of this course.		
ENTRY REQUIREMENTS			12 credits from any Level Two Science based course, or at discretion of the HOD Science.		
COURSE COSTS			\$30 approx - ESA Level 2 Earth and Space Science workbook.		
No.	I/E	Level	Credits	Lit	Standard Title
91410	I	3	4	UE R UE W	Carry out an independent practical Earth and Space Science investigation.
91411	I	3	4	UE R UE W	Investigate a socio-scientific issue in an Earth and Space Science context.
91415	I	3	4	UE R	Investigate an aspect of astronomy.
91413	E	3	4	UE R UE W	Demonstrate understanding of processes in the ocean system.
91414	E	3	4	UE R UE W	Demonstrate understanding of processes in the atmosphere system.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads into tertiary education.		

LEVEL ONE AGRICULTURE/HORTICULTURE

Year 11 Agriculture/Horticulture 101 (NCEA)				
WHY STUDY THIS COURSE?		<ul style="list-style-type: none"> ▪ To understand the opportunities available in the Agricultural/Horticultural sectors in New Zealand ▪ To gain skills in plant propagation techniques. ▪ To gain skills in investigative techniques. ▪ It provides a great springboard for those interested in a career in any aspect of New Zealand's leading industry. ▪ Students grow and sell their own vegetables. 		
COURSE DESCRIPTION		<p>Introduces students to basic livestock management processes and fundamental soil science practices. It also develops skills in plant propagation techniques, investigative techniques and looks at the relationship between management practices and the environment. Visits to farms, orchards and growing your own vegetables will be an integral part of this course.</p>		
ENTRY REQUIREMENTS		Nil.		
COURSE COSTS		\$100 - two field trips and materials.		
No.	I/E	Level	Credits	Standard Title
90157	I	1	4	Demonstrate practical skills used in agricultural or horticultural production.
90918	I	1	4	Carry out a practical agricultural or horticultural investigation.
90923	I	1	4	Demonstrate knowledge of basic plant propagation techniques.
90919	E	1	4	Demonstrate knowledge of soil management practices.
90921	E	1	5	Demonstrate knowledge of livestock management practices.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads to, but not exclusive to Level Two Agriculture/Horticulture.		

LEVEL TWO AGRICULTURE/HORTICULTURE

Year 12 Agriculture/Horticulture 201 (NCEA)				
WHY STUDY THIS COURSE?		Agriculture is the heartbeat of the New Zealand economy and so this course is very topical and relevant to all our futures.		
COURSE DESCRIPTION		This relevant exciting course covers aspects of horticulture and agriculture, primarily in New Zealand. It offers a number of field trips to farms and local industry-related centres. Students will grow their own “commercial” crop of vegetables.		
ENTRY REQUIREMENTS		12 credits from any Level One Science based course.		
COURSE COSTS		\$100 - two field trips and materials.		
No.	I/E	Level	Credits	Standard Title
91296	I	2	4	Produce a landscape plan
91293	I	2	4	Demonstrate understanding of livestock reproductive techniques in commercial production in New Zealand.
91298	I	2	4	Report on the environment impact of the production of a locally produced primary product.
91295	I	2	4	Demonstrate understanding of interactions between livestock behaviour and NZ commercial management practices.
91294	E	2	4	Demonstrate understanding of how NZ commercial management practices influence livestock growth and development.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into Level Three Agricultural Studies.		

LEVEL THREE AGRICULTURE

Year 13 Agricultural Studies 301 (NCEA)					
WHY STUDY THIS COURSE?			Agriculture is the heartbeat of the New Zealand economy. This course provides a great platform for all those considering furthering their studies through one of the New Zealand agricultural tertiary institutions, or a career in the agricultural sector, where demand and opportunity for motivated young people is immense.		
COURSE DESCRIPTION			This course covers in-depth studies of plant and animal production in New Zealand, together with understanding of the environmental issues that face the New Zealand agricultural sector today. Being such an important and relevant part of the New Zealand economy, the course also offers insight into how market forces affect supply and demand of our primary products. Information field trips included.		
ENTRY REQUIREMENTS			12 credits from any Level Two Science based course or HOD discretion.		
COURSE COSTS			\$100 - Field trips and materials.		
No.	I/E	Level	Credits	Lit	Standard Title
91528	I	3	4		Carry out an investigation into an aspect of a New Zealand primary product or its production.
91529	I	3	6	UE R	Research and report on the impact of factors on the profitability of a New Zealand primary product.
91531	E	3	4	UE R UE W	Demonstrate understanding of how the production process meets the market requirements for a New Zealand primary product(s).
91532	E	2	5	UE R UE W	Analyse a New Zealand primary production environmental issue.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads to tertiary education.		

LEVEL TWO CENTRE OF EXCELLENCE FOR AGRICULTURAL SCIENCE AND BUSINESS© PROGRAMME

Year 12 Agribusiness Centre of Excellence 201 (NCEA)				
WHY STUDY THIS COURSE?		<p>The subject Agribusiness is defined as a course of study that integrates primary industries and business beyond the farm gate, encompassed by a group of sectors (agriculture, aquaculture, dairy manufacturing, equine, forestry, horticulture, seafood and sports turf) that form the basis of modern primary production.</p> <p>Agribusiness 201 is the introductory course for new Centre of Excellence for Agricultural Science and Business© at Level 3. The course is designed to engage and expose tertiary capable students to the wide range of opportunities, skills required and career pathways available across the Agribusiness sector and is primarily for students with Merits / Excellences in Level One Science and / or Commerce subjects.</p>		
COURSE DESCRIPTION		<p>Course material is based around newly created Agribusiness achievement standards developed under four strands Science, Innovation, Management and Finance and Marketing. Virtual classroom technology will allow us to bring the sector to the students through a variety of online links to farms, key industry businesses, speakers from across the sector and tertiary institutions.</p>		
ENTRY REQUIREMENTS		<p>This Centre of Excellence for Agricultural Science and Business© programme has co-requisites in that it requires that students taking 201 Agribusiness to be also taking either:</p> <ol style="list-style-type: none"> 1. Level 2 Biology and/or Level 2 Chemistry; or 2. Level 2 Accounting and/or Level 2 Economics <p>(Note: they may also take 1. and any of 2.)</p>		
COURSE COSTS		\$100 - two field trips and materials.		
No.	I/E	Level	Credits	Standard Title
2.1	I	2	4	Demonstrate understanding of future proofing influences that affect business viability.
2.2	I	2	4	Conduct an inquiry into the use of organisms to meet future needs.
2.3	I	2	3	Demonstrate understanding of a primary industry business structure that meets the strategic need(s) of a business.
2.4	I	2	4	Demonstrate understanding of cash flow forecasting for a business.
90844	E	2	4	Demonstrate understanding of how a large business responds to external factors.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads to, but not exclusive to Level Three Agribusiness 301 (COE)		

LEVEL THREE CENTRE OF EXCELLENCE FOR AGRICULTURAL SCIENCE AND BUSINESS© PROGRAMME

Year 13 Agribusiness Centre of Excellence 301 (NCEA)				
WHY STUDY THIS COURSE?		<p>The subject Agribusiness is defined as a course of study that integrates primary industries and business beyond the farm gate, encompassed by a group of sectors (agriculture, aquaculture, dairy manufacturing, equine, forestry, horticulture, seafood and sports turf) that form the basis of modern primary production.</p> <p>The Level Three Centre of Excellence for Agricultural Science and Business© programme is an academic programme designed for students with strong Level 2 Sciences and / or Commerce backgrounds.</p>		
COURSE DESCRIPTION		<p>Course material is based around re-contextualised and newly created Agribusiness achievement standards developed under four strands Science, Innovation, Management and Finance and Marketing. Virtual classroom technology will allow us to bring the sector to the students through a variety of online links to farms, key industry businesses, speakers from across the sector and tertiary institutions.</p>		
ENTRY CRITERIA		<p>Students in the 301 Centre of Excellence for Agricultural Science and Business© programme will take:</p> <ol style="list-style-type: none"> 1. 301 Agribusiness (compulsory) 2. At least one of Level 3 Biology and/or Chemistry and/or Level 3 Accounting and/or Economics (compulsory) <p>Note:</p> <ol style="list-style-type: none"> 1. Mathematics with Statistics is also encouraged. 2. Students interested in applying to be in the Level 3 Centre of Excellence for Agricultural Science and Business© programme need to see Mr Hampton in the first instance, to check that they meet the entry criteria. <p><i>Parents and students who are unsure as to whether to select this Level Three Centre of Excellence for Agricultural Science and Business© programme are encouraged to contact Mr Hampton for further discussion.</i></p>		
301 COURSE COSTS		\$100 - two field trips and materials.		
No.	I/E	Level	Credits	Standard Title
3.1	I	3	4	Analyse future proofing strategies to ensure long term viability of a business.
3.2	I	3	4	Analyse the effect of a strategic capital expenditure decision on a business.
3.3	I	3	4	Analyse how a product meets market needs through innovation in the value chain.
91382	I	3	6	Develop a marketing plan for a new or existing product.
91530	E	3	5	Demonstrate understanding of how market forces affect supply of and demand for New Zealand primary products.
COURSE OFFERS UE and ENDORSEMENT		Yes - Subject to NZQA criteria being met.		
PATHWAY LINK		Leads to tertiary education.		
COURSE COSTS		\$100 - two field trips and materials.		

LEVEL ONE BIOLOGY

Year 11 Biology (IGCSE)				
WHY STUDY THIS COURSE?		A knowledge of Biology - the study of living organisms and their interactions with each other and the physical environment provides a base for every person's understanding of the natural world. Students who have an interest in the knowledge and practical investigations of Biology will find this academic course challenging and enjoyable. A significant pre-requisite for level 2 NCEA Biology.		
COURSE DESCRIPTION		<p>This course is an excellent foundation programme for future studies in biological science. It is an extensive and challenging academic programme with four major sections. There are two examination pathways (Core Curriculum and Extended Curriculum) to meet different ability levels. Marks awarded are; A* (91-100%), A (81-90%), B (71-80%), C (61-70%), D (51-60%), E (41-50%), F (31-40%).</p> <p>Section 1 – Classifying Living Organisms Section II – Organisation and Maintenance of the Organism Section III – Development of the Organism and the Continuity of Life Section IV – Relationship between Organisms and their Environment.</p>		
ENTRY REQUIREMENTS		Year 10 Science and the additional possibility of Level One Biology or Science credits (from Tihoi for the boys or from a previous school for the girls).		
COURSE COSTS		CIE exams fee apply and are currently \$120 for this course.		
Paper 1 (Marks)	Paper 2 or 3 (Marks)	Paper 6 (Marks)	Whole Assessment (%)	
25-30	48-52	0	47-54	AO1: Knowledge with understanding.
10-15	27-32	0	26-33	AO2: Handling, applying and evaluating information.
0	0	40	20	AO3: Experimental and investigative skills.
COURSE OFFERS ENDORSEMENT		No. The external examination is sat in three separate parts on two separate days; Paper 1 (40 multiple choice questions for Core or Extended) worth 30% of the final mark, Paper 2 (Core) or Paper 3 (Extended) worth 50% of the final mark and Paper 6 (Practical Skills) worth 20% of the final mark.		
PATHWAY LINK		Leads into NCEA Level Two Biology.		

LEVEL TWO BIOLOGY

Year 12 Biology (NCEA)				
WHY STUDY THIS COURSE?		A knowledge of Biology - the study of living organisms and their interactions with each other and the physical environment provides a base for every person's understanding of the natural world. Students who have an interest in the knowledge and practical investigations of Biology will find this course challenging and enjoyable. It is an essential link between IGCSE in Year 11 and the Year 13 studies for Level Three Biology and for Scholarship.		
COURSE DESCRIPTION		<p>This course is structured around the following 3 themes:</p> <ul style="list-style-type: none"> ▪ 'Cellular units of life' – cells and cell processes ▪ 'Genetics & evolution' – gene expression, variation and changes in gene pools ▪ 'Life's Connections' – investigations in community ecology 		
ENTRY REQUIREMENTS		<p>It is recommended that students have completed the Level One (Year 11) NCEA Science course or the IGCSE course in Biology before enrolling in this Level Two (Year 12) Achievement Standards course. They should have gained at least 14 credits. This is a full academic course of Achievement Standards only. Students with no prior Biology learning experiences or who have difficulty writing multiple paragraph essay answers, should discuss their entry with the HOD prior to choosing this course..</p>		
COURSE COSTS		<p>\$30 approx: Field trip travel charge - \$5 Course workbook - \$25</p>		
No.	I/E	Level	Credits	Standard Title
91153	I	2	4	Carry out a practical investigation in a biology context, with supervision.
91158	I	2	4	Investigate a pattern in an ecological community, with supervision.
91156	E	2	4	Demonstrate understanding of life processes at the cellular level.
91157	E	2	4	Demonstrate understanding of genetic variation and change.
91159	E	2	4	Demonstrate understanding of gene expression.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads to Level Three Biology and to Scholarship.		

LEVEL THREE BIOLOGY

Year 13 Biology 301 (NCEA)					
WHY STUDY THIS COURSE?			A knowledge of Biology - the study of living organisms and their interactions with each other and the physical environment provides a base for every person's understanding of the natural world. Students who have an interest in the knowledge of Biology will find this course challenging and enjoyable. Success in this course is essential for future studies in the biological sciences (medicine, veterinary, dentistry, agriculture, forestry, biotechnology).		
COURSE DESCRIPTION			<p>This course is structured around the following 3 themes;</p> <ul style="list-style-type: none"> • "The external environment" – plant and animal responses. • "The human animal" – thermoregulation, manipulating genetic transfer and trends in biological and cultural evolution. • "Speciation" – processes and patterns. 		
ENTRY REQUIREMENTS			It is <i>strongly recommended</i> that students complete Year 12 Biology or Year 12 Science and have gained at least 15 credits before attempting this course. Other entry could be made after discussions with the HOD. High levels of written, numerical and reading literacy are required. This is a full academic course assessed by Achievement Standards only and which require multiple paragraph essay answers.		
COURSE COSTS			\$25 approx - Course workbook.		
No.	I/E	Level	Credits	Lit	Standard Title
91607	I	3	3	UE R	Demonstrate understanding of human manipulations of genetic transfer and its biological implications. (Selective breeding and mammal cloning.)
91604	I	3	3	UE R	Demonstrate understanding of how an animal maintains a stable internal environment. (Human thermoregulation.)
91603	E	3	5	UE R UE W	Demonstrate understanding of the responses of plants and animals to their external environment.
91605	E	3	4	UE R UE W	Demonstrate understanding of evolutionary processes leading to speciation.
91606	E	3	4	UE R UE W	Demonstrate understanding of trends in human evolution.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads to Scholarship Biology and to tertiary studies in the biological sciences.		

LEVEL ONE CHEMISTRY

Year 11 Chemistry (IGCSE)				
WHY STUDY THIS COURSE?		<p>Chemistry is the science of matter and its transformations. Chemists have a unique way of thinking about the material world around them – an atomic and molecular perspective.</p> <p>Knowledge and understanding of Chemistry are crucial in biology, pharmacology, medicine, geology, materials science, patent law and engineering. Chemistry is a basic requirement for most university science courses so students intending to study the sciences/engineering at tertiary level would be well advised to take Chemistry from Year 11 onwards.</p>		
COURSE DESCRIPTION		<p>Chemistry is about understanding the properties of different substances and how these substances can change. Chemistry allows us to predict how substances may alter when the surrounding conditions change, or how they may react to form new substances, and to explain why this happens. Chemists are continually changing matter into new and more useful forms.</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> ▪ All matter is made of particles ▪ The properties of materials derive from the identity and arrangement of particles ▪ Energy plays a key role in determining the changes that matter can undergo ▪ Chemistry is everywhere 		
ENTRY REQUIREMENTS		Year 10 Science.		
COURSE COSTS		CIE exams fee apply and are currently \$120 for this course.		
Paper 1 (Marks)	Paper 2 or 3 (Marks)	Paper 6 (Marks)	Whole Assessment (%)	
25-30	48-52	0	47-54	AO1: Knowledge with understanding.
10-15	27-32	0	26-33	AO2: Handling, applying and evaluating information.
0	0	40	20	AO3: Experimental and investigative skills.
COURSE OFFERS ENDORSEMENT		No. The external examination is sat in three separate parts on three separate days; Paper 1 (40 multiple choice questions) worth 30% of the final mark, Paper 2 (Core) or Paper 3 (Extended) worth 50% of the final mark and Paper 6 (Practical skills) worth 20% of the final mark.		
PATHWAY LINK		Leads into NCEA Level Two Chemistry.		

LEVEL TWO CHEMISTRY

Year 12 Chemistry 201 (NCEA)				
WHY STUDY THIS COURSE?		<p>Chemistry is the science of matter and its transformations. Chemists have a unique way of thinking about the material world around them – an atomic and molecular perspective.</p> <p>Knowledge and understanding of chemistry are crucial in biology, pharmacology, medicine, geology, materials science, patent law and engineering. Chemistry is a basic requirement for most University Science courses so students intending to study the sciences/engineering at tertiary level would be well advised to take Chemistry from Year 11 onwards.</p>		
COURSE DESCRIPTION		<p>Chemistry is about understanding the properties of different substances and how these substances can change. Chemistry allows us to predict how substances may alter when the surrounding conditions change, or how they may react to form new substances, and to explain why this happens. Chemists are continually changing matter into new and more useful forms.</p> <p>Key Concepts:</p> <ul style="list-style-type: none"> ▪ All matter is made of particles ▪ The properties of materials derive from the identity and arrangement of particles ▪ Energy plays a key role in determining the changes that matter can undergo ▪ Chemistry is everywhere 		
ENTRY REQUIREMENTS		<p>Merit achievement in NCEA 90944 (Demonstrate understanding of aspects of acids and bases). Passing IGCSE Chemistry is a significant advantage. There is significant manipulation of formulae involved in the course therefore it is recommended students have achieved Merit in 91027 Mathematics (Apply algebraic procedures in solving problems).</p>		
COURSE COSTS		Nil.		
No.	I/E	Level	Credits	Standard Title
91161	I	2	4	Carry out quantitative analysis.
91162	I	2	3	Carry out procedures to identify ions present in solution. (optional)
91167	I	2	3	Demonstrate understanding of oxidation-reduction.
91164	E	2	5	Demonstrate understanding of bonding, structure, properties and energy changes.
91165	E	2	4	Demonstrate understanding of the properties of selected organic compounds.
91166	E	2	4	Demonstrate understanding of chemical reactivity.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads to Level Three Chemistry and Level Three Biology/Chemistry for Agribusiness.		

LEVEL THREE CHEMISTRY

Year 13 Chemistry 301 (NCEA)

WHY STUDY THIS COURSE?						Chemistry is the science of matter and its transformations. Chemists have a unique way of thinking about the material world around them – an atomic and molecular perspective. Knowledge and understanding of chemistry are crucial in biology, pharmacology, medicine, geology, materials science, patent law and engineering. Chemistry is a basic requirement for most University Science courses so students intending to study the sciences/engineering at tertiary level would be well advised to take Chemistry from Year 11 onwards.
COURSE DESCRIPTION						<p>Chemistry is about understanding the properties of different substances and how these substances can change. Chemistry allows us to predict how substances may alter when the surrounding conditions change, or how they may react to form new substances, and to explain why this happens. Chemists are continually changing matter into new and more useful forms.</p> <p>Key Concepts:</p> <ul style="list-style-type: none">▪ All matter is made of particles.▪ The properties of materials derive from the identity and arrangement of particles.▪ Energy plays a key role in determining the changes that matter can undergo.▪ Chemistry is everywhere.
ENTRY REQUIREMENTS						Minimum 8 external Level Two Chemistry credits. Assessment will include content covered in the Level Two course. There is significant manipulation of formulae involved in the course therefore it is recommended students have achieved 91261 Mathematics (Apply algebraic methods in solving problems). Or at the Head of Departments discretion.
No.	I/E	Level	Credits	Lit	Standard Title	
91388	I	3	3		Demonstrate understanding of spectroscopic data in chemistry.	
91393	I	3	3		Demonstrate understanding of oxidation-reduction processes.	
91390	E	3	5		Demonstrate understanding of thermochemical principles and the properties of particles and substances.	
91391	E	3	5		Demonstrate understanding of the properties of organic compounds.	
91392	E	3	5		Demonstrate understanding of equilibrium principles in aqueous systems.	
91387	I	3	4	UE W	Optional (outside class time) Carry out an investigation in chemistry involving quantitative analysis.	
COURSE OFFERS ENDORSEMENT					Yes - subject to NZQA criteria being met.	
PATHWAY LINK					Leads to tertiary education.	

LEVEL ONE PHYSICS

Year 11 Physics (IGCSE)			
WHY STUDY THIS COURSE?		<p>Physics is the fundamental science because it provides the foundation for most areas of science and it underpins the technology we use in our daily lives. Physics can be defined as the study of matter, energy and the relationship between the two. Put more simply, it is about how and why things work as they do.</p> <p>Physics is sometimes perceived as an inherently 'difficult subject' but the overall results that have been achieved indicate that this subject is as accessible as any other subject. Success in any area is mostly a question of attitude and effort.</p>	
COURSE DESCRIPTION		<p>Objective A (Physics knowledge & understanding) Topics include: measurement, forces, motion, energy, light, waves, heat, electricity, magnetism and atomic physics.</p> <p>Objective B (Handling information & solving problems) This includes: selecting, presenting and interpreting information; manipulating and solving numerical problems.</p> <p>Objective C (Experimental skills & investigations) This includes: using equipment and practical techniques correctly; planning, carrying out, recording and evaluating practical investigations.</p>	
ENTRY REQUIREMENTS		Average results in Year 10 Science and Mathematics is usually the minimum required. Variations from this are at the discretion of the HOD.	
COURSE COSTS		CIE exams fee apply and are currently \$120 for this course.	
Objectives	Time	Weighting	End of Year Examination
A and B	45 min	30 %	<p>*40 multiple-choice questions.</p> <p>*There is a Core and Extended version of this. Core is recommended for less able students.</p>
A and B	75 min	50%	<p>*80 mark written exam.</p> <ul style="list-style-type: none"> Some short answer questions. Some structured questions. Grades C to A available. <p>*There is a Core and Extended version of this. Core is recommended for less able students.</p>
C	60 min	20%	Written activities testing laboratory procedures and practical skills.
COURSE OFFERS ENDORSEMENT		No.	
PATHWAY LINK		Leads into NCEA Level Two Physics.	

LEVEL TWO PHYSICS

Year 12 Physics 201 (NCEA)				
WHY STUDY THIS COURSE?		<p>Physics is the fundamental science because it is the foundation of most areas of science and it also underpins the technology we use in our daily lives. Physics can be defined as the study of matter, energy and the relationship between the two. Put more simply, it is about how and why things work as they do.</p> <p>Physics is sometimes perceived as an inherently 'difficult subject' but the overall results that have been achieved indicate that this subject is as accessible as any other subject. Success in any area is mostly a question of attitude and effort.</p>		
COURSE DESCRIPTION		Students will gain an appreciation of the importance of Physics in our lives and an understanding of topics ranging from forces, motion and light to electricity and magnetism.		
ENTRY REQUIREMENTS		Satisfactory completion (graded D or better) of the Year 11 Cambridge Physics course or gaining the majority of the credits offered in any Year 11 Science or Mathematics course. Variations from this are at the discretion of the HOD.		
COURSE COSTS		\$25 approx – for a write-on student workbook covering the course topics.		
No.	I/E	Level	Credits	Standard Title
91168	I	2	4	Carry out a practical physics investigation that leads to a non-linear mathematical relationship.
91170	E	2	4	Demonstrate understanding of waves.
91171	E	2	6	Demonstrate understanding of mechanics.
91173	E	2	6	Demonstrate understanding of electricity and electromagnetism.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		This leads to Level Three Physics.		

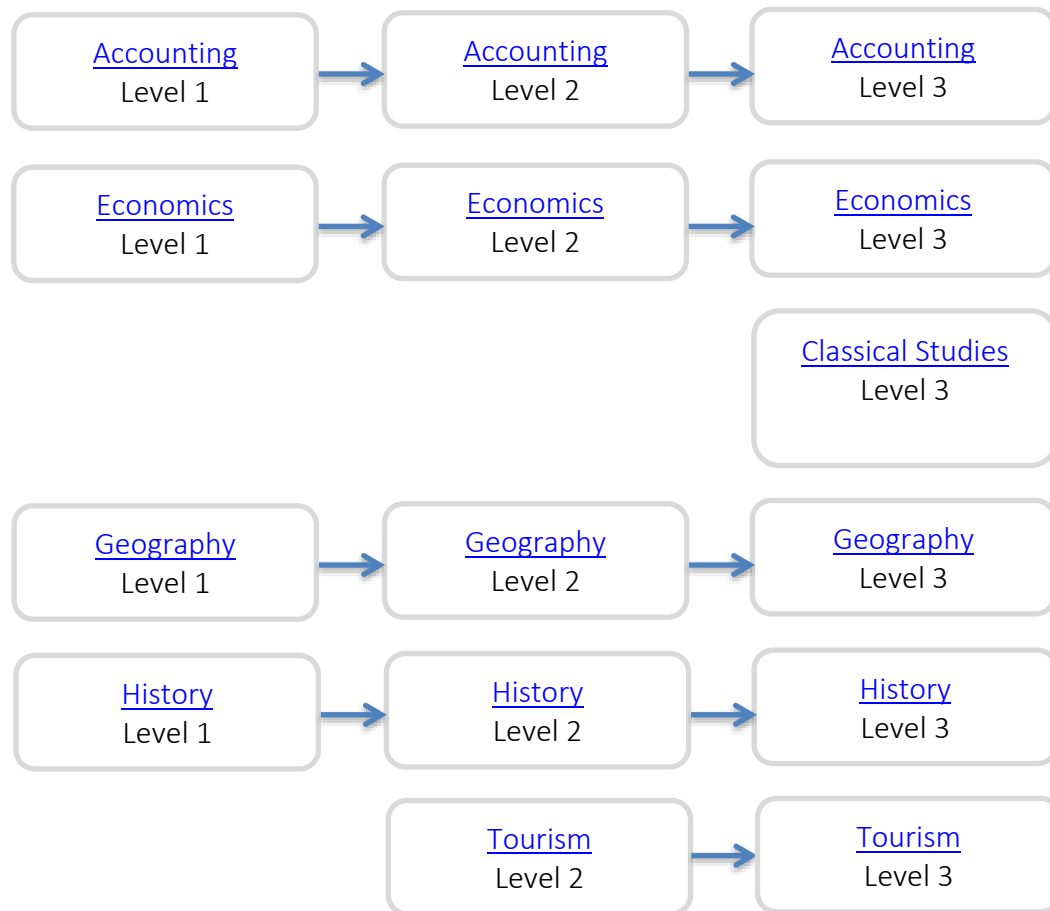
LEVEL THREE PHYSICS

Year 13 Physics 301 (NCEA)				
WHY STUDY THIS COURSE?		<p>Physics is the fundamental science because it is the foundation of most areas of science and it also underpins the technology we use in our daily lives. Physics can be defined as the study of matter, energy and the relationship between the two. Put more simply, it is about how and why things work as they do.</p> <p>Physics is sometimes perceived as an inherently 'difficult subject' but the overall results that have been achieved indicate that this subject is as accessible as any other subject. Success in any area is mostly a question of attitude and effort.</p>		
COURSE DESCRIPTION		<p>Students will gain an appreciation of the importance of Physics in our lives and an understanding of Physics topics ranging from rotational motion, simple harmonic motion and waves to electricity and magnetism.</p> <p>Note: Scholarship students will have to also study nuclear physics in order to be fully prepared for the scholarship examination.</p>		
ENTRY REQUIREMENTS		<p>Satisfactory completion of the Year 12 programme (gaining the majority of the Level Two credits) is essential. Variations from this are at the discretion of the HOD.</p>		
COURSE COSTS		<p>\$25 approx – for a write-on student workbook covering the course topics.</p>		
No.	I/E	Level	Credits	Standard Title
91521	I	3	4	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship.
91523	E	3	4	Demonstrate understanding of wave systems.
91524	E	3	6	Demonstrate understanding of mechanical systems.
91526	E	3	6	Demonstrate understanding of electrical systems.
COURSE OFFERS ENDORSEMENT		<p>Yes - subject to NZQA criteria being met.</p>		
PATHWAY LINK		<p>This course is essential preparation for any tertiary programme involving technology or engineering.</p>		

LEVEL TWO ELECTRONICS

Year 12 Electronics 203 (NCEA)				
WHY STUDY THIS COURSE?		Electronics is now involved in almost every sphere of human activity - communications, science, industrial control systems, appliances, transport, information technology (computing), sport, leisure, entertainment and medicine. In many countries electronics-based industries are now the biggest employers and worldwide they are among the fastest growing industries. As a result the demand for people trained and qualified in electronics is increasing rapidly.		
COURSE DESCRIPTION		<p>This course is <i>totally internally assessed</i> which means <i>no exams</i>. Students work towards <i>three qualifications</i> all at the same time.</p> <ol style="list-style-type: none"> 1. All credits gained in Electronics count towards NCEA. 2. If all the unit standards are achieved plus an aggregation of 16 credits from any combination of the following Level Two or above subjects – Computing, Mathematics, Chemistry, Physics, Statistics and Probability, then students can be awarded a <i>National Certificate in Electronics Technology Level Two</i> (this is an electronics industry qualification). 3. If Unit Standards 18240, 18242 and 18243 are achieved then students can be awarded a <i>Certificate of Attainment</i> (this is also an electronics industry qualification). 		
ENTRY REQUIREMENTS		Students should have at least 8 credits in Year 11 Mathematics plus 8 credits in at least one of the following: Year 11 Science, Physics or Chemistry. Variations from this will only be at the HOD's discretion.		
COURSE COSTS		<p>\$25 approx - write-on notes.</p> <p>\$15 approx - cost of some materials (if expensive components are required for the projects chosen by the student).</p> <p>\$10 approx - certificates (for industry qualifications that a student is awarded).</p>		
No.	I/E	Level	Credits	Standard Title
US18239	I	2	5	Demonstrate introductory knowledge of circuit concepts and measurements for electronics.
US18240	I	2	5	Demonstrate knowledge of basic electronic components.
US18241	I	2	5	Demonstrate knowledge of basic electronic systems.
US18242	I	2	3	Construct a simple printed circuit.
US18243	I	2	6	Construct simple electronic products from supplied circuit schematics.
COURSE OFFERS ENDORSEMENT		No.		
PATHWAY LINK		Leads into Level Three Electronics (if numbers allow).		

SOCIAL SCIENCES – Leader of Curriculum Mr M Markham



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LEVEL ONE ACCOUNTING

Year 11 Accounting 101 (NCEA)				
WHY STUDY THIS COURSE?		This course, leading to NCEA Level One, is an excellent course for all students wishing to gain basic financial literacy, which is essential for success in whatever future career path they choose. The course is ideal as a one-year course or as a stepping-stone to further study in Accounting.		
COURSE DESCRIPTION		The course focuses on accounting for individuals and small businesses registered for GST on the payments basis. An introduction to accounting concepts is followed by financial reporting, decision-making, processing, and systems of safeguarding cash.		
ENTRY REQUIREMENTS		None, though a number of mathematical skills are required for success in this subject. You should consult Mrs Pitu (Acting HOD – Accounting) if you are unsure.		
COURSE COSTS		\$30 approx - workbooks.		
No.	I/E	Level	Credits	Standard Title
90977	I	1	5	Process financial transactions for a small entity.
90982	I	1	4	Demonstrate understanding of cash management for a small entity.
90976	E	1	3	Demonstrate understanding of accounting concepts for small entities.
90978	E	1	5	Prepare financial statements for sole proprietors.
90980	E	1	4	Interpret accounting information for sole proprietors.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two Accounting.		

LEVEL TWO ACCOUNTING

Year 12 Accounting 201 (NCEA)				
WHY STUDY THIS COURSE?		This course leading to NCEA Level Two can be commenced at this level. Those wishing to continue with Accounting beyond Year 12 should enrol for this course.		
COURSE DESCRIPTION		The course has an emphasis on accounting for small to medium businesses that are registered for GST on the invoice basis. There is a focus on accounting systems, as well as financial reporting within a conceptual framework, processing using a commercial software package and decision making for sole proprietor businesses.		
ENTRY REQUIREMENTS		While Level One Accounting is not a pre-requisite, it is highly recommended that students who have taken this course have gained at least 15 Level One Accounting credits with at least 10 of these credits at Merit grade.		
COURSE COSTS		\$30 approx - workbooks.		
No.	I/E	Level	Credits	Standard Title
91386	I	2	3	Demonstrate understanding of an inventory subsystem for an entity.
91175	I	2	4	Demonstrate understanding of accounting processing using accounting software.
91174	E	2	4	Demonstrate understanding of accounting concepts for an entity that operates accounting subsystems.
91176	E	2	5	Prepare financial information for an entity that operates accounting subsystems.
91177	E	2	4	Interpret accounting information for entities that operate accounting subsystems.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Three Accounting.		

LEVEL THREE ACCOUNTING

Year 13 Accounting 301 (NCEA)					
WHY STUDY THIS COURSE?			This course provides a strong theoretical foundation for further study of Accounting. It also provides students with an understanding of business financial reporting and an introduction to management accounting. The course leads to NCEA Level Three and the opportunity to sit Scholarship Accounting.		
COURSE DESCRIPTION			Within the context of companies which may be service, trading or manufacturing businesses, students are provided with an in depth analysis of modern financial accounting principles, processing and reporting. Analysis and interpretation of financial statements is advanced at this level. Management accounting including decision-making, cash budgets and CVP analysis is introduced.		
ENTRY REQUIREMENTS			<p>Some prior knowledge of the processing and reporting from Year 12 is desirable for entry to this course. It is desirable to have achieved the following achievement standards:</p> <p>91174 91176</p> <p>If you have only completed Level One Accounting and wish to take Level Three Accounting you should consult Mrs Pitu (Acting HOD –Business).</p>		
COURSE COSTS			\$30 approx - workbooks.		
No.	I/E	Level	Credits	Lit	Standard Title
91407	I	3	5	UE R UE W	Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity.
91409	I	3	4		Demonstrate understanding of a job cost subsystem for an entity.
91405	I	3	4		Demonstrate understanding of accounting for partnerships.
91406	E	3	5		Demonstrate understanding of company financial statement preparation.
91408	E	3	4		Demonstrate understanding of management accounting to inform decision-making.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads into tertiary education.		

LEVEL ONE ECONOMICS

Year 11 Economics 101 (NCEA)				
WHY STUDY THIS COURSE?		<p>Economics is the study of how individuals, communities, countries and the world choose to use scarce resources to satisfy their needs and wants. Economics is how society solves the basic economic problem of:</p> <ul style="list-style-type: none"> ▪ what to produce ▪ how to produce it ▪ for whom to produce it <p>The study of Economics at Level 1 provides you with an understanding of the commercial world and how businesses and individuals interact in producing and consuming goods and services which satisfy the needs and wants of the individual and society. Economics at Level 1 is a worthwhile subject for anyone with a keen interest in the world around them, and how individuals and businesses make decisions, affecting their lifestyle and standard of living.</p>		
COURSE DESCRIPTION		<p>The Level 1 course focuses on how consumers and producers interact within the market. A study is made of the economic decisions made by producers and consumers as they allocate and manage scarce resources in the context of the New Zealand economy. A study of the market and sectors in the economy is also undertaken.</p>		
ENTRY REQUIREMENTS		None.		
COURSE COSTS		\$60 approx - write-on notes and workbooks.		
No.	I/E	Level	Credits	Standard Title
90984	I	1	5	Demonstrate understanding of decisions a producer makes about production.
90988	I	1	3	Demonstrate understanding of the interdependence of sectors of the New Zealand economy.
90983	E	1	4	Demonstrate understanding of consumer choices, using scarcity and/or demand.
90985	E	1	3	Demonstrate understanding of producer choices using supply.
90986	E	1	5	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two Economics.		

LEVEL TWO ECONOMICS

Year 12 Economics 201 (NCEA)					
WHY STUDY THIS COURSE?			<p>Economics is the study of how individuals, communities, countries and the world choose to use scarce resources to satisfy their needs and wants. Economics is how society solves the basic economic problem of:</p> <ul style="list-style-type: none"> ▪ what to produce ▪ how to produce it ▪ for whom to produce it <p>The study of Economics at Level 2 provides you with a broad understanding of the New Zealand economy. It adds to your knowledge of New Zealand as a community and about the use of our scarce resources. An understanding of New Zealand's place in the global economy, which is so important for our future, is also part of Level 2 economics. Economics is a worthwhile subject for anyone with a keen interest in the world around them and how society makes decisions, affecting the standard of living and lifestyle of New Zealanders.</p>		
COURSE DESCRIPTION			<p>Four macro-economic issues are studied within a New Zealand context. The issues studied are:</p> <ul style="list-style-type: none"> ▪ trade ▪ inflation ▪ growth ▪ employment <p>The main focus of Economics at this level is how the New Zealand economy and political process impact on us as producers and consumers.</p>		
ENTRY REQUIREMENTS			None, but an interest in the New Zealand economy is a significant advantage. Statistical and graphing skills are also an advantage.		
COURSE COSTS			\$35 approx - workbook.		
No.	I/E	Level	Credits	Lit	Standard Title
91225	I	2	4		Analyse unemployment using economic concepts and models.
91227	I	2	6	UE R	Analyse how government policies and contemporary economic issues interact.
91228	I	2	4	UE R	Analyse a contemporary economic issue of special interest using economic concepts and models.
91222	E	2	4	UE W	Analyse inflation using economic concepts and models.
91224	E	2	4	UE W	Analyse economic growth using economic concepts and models.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads into NCEA Level Three Economics.		

LEVEL THREE ECONOMICS

Year 13 Economics 301 (NCEA)					
WHY STUDY THIS COURSE?				<p>Economics is the study of how individuals, communities, countries and the world choose to use scarce resources to satisfy their needs and wants. Economics is how society solves the basic economic problem of:</p> <ul style="list-style-type: none"> ▪ what to produce ▪ how to produce it ▪ for whom to produce it <p>The study of Economics at Level 3 provides you with an understanding of the commercial world and how businesses, and the government individuals interact in producing and consuming goods and services which satisfy the needs and wants of the individual and society. It adds to your knowledge of New Zealand as a community and about the use of our scarce resources. An understanding of New Zealand's place in the global economy, which is so important for our future, is also part of Level 3 of Economics. Economics is a worthwhile subject for anyone with a keen interest in the world around them and how all levels of society make decisions, affecting their lifestyle and standard of living. This course leads to NCEA Level3 and the opportunity to sit scholarship Economics.</p>	
COURSE DESCRIPTION				The content focuses on micro and macro-economic concepts relevant to the market economy within a New Zealand context.	
ENTRY REQUIREMENTS				None, but an interest in the New Zealand economy is a significant advantage. Statistical and graphing skills are also an advantage.	
COURSE COSTS				\$50 approx - workbooks.	
No.	I/E	Level	Credits	Lit	Standard Title
91401	I	3	5	UE R	Demonstrate understanding of micro-economic concepts.
91402	I	3	6	UE R	Demonstrates understanding of government interventions to correct market failure
91399	E	3	4	UE R UE W	Demonstrate understanding of the efficiency of market equilibrium.
91400	E	3	4	UE R UE W	Demonstrate understanding of the efficiency of different market structures using marginal analysis.
91403	E	3	6	UE R UE W	Demonstrate understanding of macro-economic influences on the NZ economy.
COURSE OFFERS ENDORSEMENT				Yes - subject to NZQA criteria being met.	
PATHWAY LINK				Scholarship Recommended. Leads into tertiary education.	

LEVEL THREE CLASSICAL STUDIES

Year 13 Classical Studies (NCEA)					
COURSE COSTS			Nil		
ENTRY REQUIREMENTS			Level Two English.		
COURSE DESCRIPTION			<ul style="list-style-type: none"> ▪ Greek origins and social / political context including warfare ▪ Alexander the Great ideology and military strategy ▪ Greek theatre & the comedic plays of Aristophanes ▪ Roman life & leadership ▪ Greek and Roman Architecture 		
WHY STUDY THIS COURSE?			<p>Classical Studies enables students to build on their literacy skills, broadens their understanding of ancient civilisations and makes links to how they these cultures have contributed to our modern world through; customs, literature, art, language and politics.</p> <p>Classical studies can be the basis for careers as diverse as: advertising, archaeology, architecture, broadcasting and journalism, graphic and interior design, information technology, law, marketing, medicine, museums and art galleries, philosophy, politics, teaching, tourism.</p>		
No.	I/E	Level	Credits	Lit	Standard Title
91397	I	3	6	UE R	Demonstrate understanding of significant ideology(ies) in the classical world.
91398	I	3	6	UE R	Demonstrate understanding of the lasting influences of the classical world on other cultures across time.
91394	E	3	4	UE R UE W	Analyse ideas and values of the classical world.
91396	E	3	6	UE R UE W	Analyse the impact of a significant historical figure on the classical world.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads into tertiary education.		

LEVEL ONE GEOGRAPHY

Year 11 Geography 101 (NCEA)				
WHY STUDY THIS COURSE?		<p>Geography deepens students' knowledge and understanding of the people and places that make up the world in which they live. The subject concentrates on the many interactions that occur within and between the natural and cultural environments. Geography aims, through its integrative approach, to foster a balanced view of, and respect for, the environment. Students will study different natural environments, cultures and communities at local, regional and global scales. Students will develop an understanding of the growing competition for resources and the conflicts that this creates.</p> <p>Environmental management, sustainable development for the future and the role planning and decision making plays are major themes of study. Students will be introduced to a range of skills.</p>		
COURSE DESCRIPTION		<p>Students develop knowledge and understanding of the following topics:</p> <ul style="list-style-type: none"> ▪ global patterns, processes and links (global tropical cyclones) ▪ geographic issues (world terrorism) ▪ local area studies (weather patterns) ▪ natural events (earthquakes) ▪ population patterns, processes and issues (Monsoon Asia and NZ) ▪ application of geographic skills to selected topics 		
ENTRY REQUIREMENTS		This is an introductory course designed to improve knowledge and understanding of the world today. There are no entry requirements.		
COURSE COSTS		\$30 to cover a field trip to Waihi Beach.		
No.	I/E	Level	Credits	Standard Title
91011	I	1	4	Conduct geographic research, with direction.
91012	I	1	3	Describe aspects of a contemporary New Zealand geographic issue.
91013	I	1	3	Describe aspects of a geographic topic at a global scale.
91014	I	1	3	Apply spatial analysis, with direction, to solve a geographic problem.
91008	E	1	4	Demonstrate geographic understanding of population concepts.
91010	E	1	4	Apply concepts and basic geographic skills to demonstrate understanding of a given environment.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two Geography.		

LEVEL TWO GEOGRAPHY

Year 12 Geography 201 (NCEA)					
WHY STUDY THIS COURSE?			<p>Geography deepens students' knowledge and understanding of the people and places that make up the world in which they live. The subject concentrates on the many interactions that occur within and between the natural and cultural environments. Geography aims, through its integrative approach, to foster a balanced view of, and respect for, the environment. Students will study different natural environments, cultures and communities at local, regional and global scales. Students will develop an understanding of the growing competition for resources and the conflicts that this creates. Environmental management, sustainable development for the future and the role planning and decision making, are major themes of study. Students will be introduced to a range of skills.</p>		
COURSE DESCRIPTION			<p>Students will develop knowledge and understanding of the following topics:</p> <ul style="list-style-type: none"> ▪ global patterns, processes and links (Global pandemics - Aids) ▪ geographic issues (tourism development issues in NZ) ▪ local area studies (Maungatautari Ecological Reserve) ▪ natural landscapes (South Island High Country) ▪ global disparities in development (developed and developing economies) ▪ research (tourism patterns in Rotorua) ▪ application of geographic skills to selected topics 		
ENTRY REQUIREMENTS			<p>Students are advised to complete a Year 11 Geography programme. The course has been designed to allow first time geographers to cope with the expected standards. School policy on Year 12 entry will apply.</p>		
COURSE COSTS			\$30 approx to cover a field trip to Rotorua.		
No.	I/E	Level	Credits	Lit	Standard Title
91241	I	2	3		Demonstrate geographic understanding of an urban pattern.
91245	I	2	3		Explain aspects of a contemporary New Zealand geographic issue.
91246	I	2	3		Explain aspects of a geographic topic at a global scale.
91240	E	2	4	UE R UE W	Demonstrate geographic understanding of a large natural environment.
91243	E	2	4		Apply geography concepts and skills to demonstrate understanding of a given environment.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Leads into NCEA Level Three Geography.		

LEVEL THREE GEOGRAPHY

Year 13 Geography 301 (NCEA)

WHY STUDY THIS COURSE?	Geography deepens students' knowledge and understanding of the people and places that make up the world in which they live. The subject concentrates on the many interactions that occur within and between the natural and cultural environments. Geography aims, through its integrative approach, to foster a balanced view of, and respect for, the environment. Students will study different natural environments, cultures and communities at local, regional and global scales. Students will develop an understanding of the growing competition for resources and the conflicts that this creates. Environmental management, sustainable development for the future and the role planning and decision making, are major themes of study. Students will be introduced to a range of skills.
COURSE DESCRIPTION	Students will develop knowledge and understanding of the following topics: <ul style="list-style-type: none"> ▪ global patterns, processes and links (Global tourism patterns) ▪ geographic issues (Ownership of Water) ▪ natural processes – volcanic environment (Tongariro Volcanic Centre) ▪ a cultural process – tourism development (Rotorua and Bali) ▪ planning and decision making (Resource Management Act Processes) ▪ geographic research into Fluvial processes in the Tongariro Volcanic Centre (fieldtrip)
ENTRY REQUIREMENTS	The Year 13 course is designed to enable students to build upon their studies of the earlier two years. It is recommended that a student should have completed one year in geography although the course is flexible enough to enable students to enter the course for the first time.
COURSE COSTS	\$330 to cover field trips to Rotorua to research a tourism development. These costs cover accommodation, transport, meals and activities.

No.	I/E	Level	Credits	Lit	Standard Title
91431	I	3	3	UE R	Analyse aspects of a contemporary geographic issue.
91430	I	3	5		Conduct geographic research with consultation.
91432	I	3	3		Analyse aspects of geographic topic at a global scale.
91427	E	3	4	UE R UE W	Demonstrate understanding of how a cultural process shapes geographic environment(s).
91429	E	3	4	UE R UE W	Select and apply skills and ideas in a geographic context.
COURSE OFFERS ENDORSEMENT					Yes - subject to NZQA criteria being met.
PATHWAY LINK					Leads into NZ scholarship and University study.

LEVEL ONE HISTORY

Year 11 History 101 (NCEA)

WHY STUDY THIS COURSE?	As well as researching an event of significance to your family, you will learn about fascinating events and extraordinary people. You will attempt to solve historical questions, explain why events and developments have occurred and critically assess the impact that these events and developments had on people both in New Zealand and around the world. History teaches valuable literacy skills such as report and essay writing, which are key components of any tertiary course.			
COURSE DESCRIPTION	<p>Who do you think you are and what is history? To help answer these questions you will embark on two internals which invite you to investigate a place and/or event significant to your family and New Zealanders. The study of History develops skills that are crucial for the information driven society that you live in. Through History you will become good at researching information and analysing visual, written and oral resources. You will communicate your knowledge and ideas through writing essays, reports, reviews, and articles, creating brochures and recreating historical artefacts. You will learn a lot about human nature.</p> <p>Students will study:</p> <ul style="list-style-type: none">• A family history study.• The Fourth Labour Government 1984-1990.• What caused World War II?			
ENTRY REQUIREMENTS	Students with good reading and writing skills can expect to do well. They will also have a better understanding of current events and issues.			
COURSE COSTS	\$nil			
No.	I/E	Level	Credits	Standard Title
91001	I	1	4	History 1.1 - Carry out an investigation of an historical event, or place, of significance to New Zealanders. (Family history)
91002	I	1	4	History 1.2 - Demonstrate understanding of an historical event, or place, of significance to New Zealanders. (Family history)
91004	I	1	4	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders. (The Treaty of Versailles 1919)
91003	E	1	4	Interpret sources of an historical event of significance to New Zealanders (unfamiliar text)
91005	E	1	4	Describe the causes and consequences of an historical event. (The Treaty of Versailles 1919)
91006	E	1	4	Describe how a significant historical event affected New Zealand society. (The 1984 Election)
COURSE OFFERS ENDORSEMENT	Yes - subject to NZQA criteria being met.			
PATHWAY LINK	Leads into NCEA Level Two History.			

LEVEL TWO HISTORY

Year 12 History 201 (NCEA)

WHY STUDY THIS COURSE?						Clear report writing and critical thinking are skills required in all careers. History will help you develop these essential skills. The study of History at Year 12 will give you a wider understanding of the forces that have shaped the world you live in. You will study primary and secondary sources in order to give you an understanding of nineteenth and twentieth century history both in New Zealand and overseas. You will communicate your understanding through a wide variety of assessment methods.
COURSE DESCRIPTION						<p>The study of History develops skills that are crucial for the information driven society that you live in. Through History you will become good at researching information and analysing visual, written and oral resources. You will communicate your knowledge and ideas through writing essays, reports, reviews, and articles, creating brochures and recreating historical artefacts.</p> <p>Students will study:</p> <ul style="list-style-type: none"> • New Zealand at War • Women's Suffrage in New Zealand • Waikato War (two day field trip)
ENTRY REQUIREMENTS						This course is open to all students who have achieved in Level One History or Level One English. You do not need to have studied Year 11 History in order to do well in this course. Students who have had some difficulty at Level One History or Level One English are advised to see the Head of the History Department before selecting the course. History at this level requires high levels of reading and writing.
COURSE COSTS						\$100 approx - field trip to historical sites in the Waikato (2 days).
No.	I/E	Level	Credits	Lit	Standard Title	
91229	I	2	4	UE R	Carry out an inquiry of an historical event or place that is of significance to New Zealanders. (Waikato War 1863-64)	
91230	I	2	5	UE R	Examine an historical event or place that is of significance to New Zealanders. (Agri History of NZ)	
91232	I	2	5	UE R	Interpret different perspectives of people in an historical event that is of significance to New Zealanders. (Women's Suffrage NZ)	
91231	E	2	4	UE R UE W	Examine sources of an historical event that is of significance to New Zealanders.	
91234	E	2	5	UE R UE W	Examine how a significant historical event affected New Zealand society. (Le Quesnoy/Passchendaele)	
COURSE OFFERS ENDORSEMENT						Yes - subject to NZQA criteria being met.
PATHWAY LINK						Leads into NCEA Level Three History.

LEVEL THREE HISTORY

Year 13 History 301 (NCEA)					
WHY STUDY THIS COURSE?			<p>"Clear, accurate and convincing report writing is a skill required in all careers." This is a reason Business New Zealand's CEO Phil O'Reilly advances for history being a vital subject to study. Research and presentation skills learnt in history will hold students in good stead for tertiary study in many subjects and most career pathways. There are 15 credits (internal) and 10 credits (external).</p>		
COURSE DESCRIPTION:			<p>Welcome to Level Three History. This year we are focusing on the causes and consequences of the world and nationally significant events:</p> <ul style="list-style-type: none"> • Dropping of Atomic Bombs on Japan • The War in the Pacific • Tudor – Stuart England Rule <p>For the internals, students research and write an article on an event of their choice which has significance to New Zealanders.</p>		
ENTRY REQUIREMENTS			<p>This History course is open to all students with good reading and writing skills. You do not need to have previously studied History in order to do well in this course.</p>		
COURSE COSTS			<p>\$100 approx – field trips – Auckland Library, Auckland Museum, Auckland University.</p>		
No.	I/E	Level	Credits	Lit	Standard Title
91434	I	3	5	UE R	Research a historical event or place of significance to New Zealanders, using primary and secondary sources.
91435	I	3	5	UE R	Analyse an historical event or place of significance to New Zealanders. (Students own choice)
91437	I	3	5	UE R	Analyse different perspectives of a contested event of significance to New Zealanders. (Dropping Atomic Bombs on Japan)
91436	E	3	4	UR R UE W	Analyse evidence relating to an historical event of significance to New Zealanders.
91438	E	3	6	UE R UR W	Analyse the causes and consequences of a significant historical event. (Atomic Bombing of Japan)
COURSE OFFERS ENDORSEMENT			<p>Yes - subject to NZQA criteria being met.</p>		
PATHWAY LINK			<p>Leads into NZ scholarship and University study.</p>		

LEVEL TWO TOURISM

Year 12 Tourism 203 (NCEA)				
WHY STUDY THIS COURSE?		This course has been designed to introduce students to the dynamic growth industry of Tourism. Students will work towards gaining their National Certificate in Tourism (a nationally recognised tourism qualification) as well as accumulating the individual Unit Standards.		
COURSE DESCRIPTION		The Certificate is a two-year course with each unit standard testing a specific skill or knowledge component required by the tourism and travel industry.		
ENTRY REQUIREMENTS		It is a requirement of the National Certificate of Tourism that students now gain 8 credits in numeracy at Level One. This will be done throughout the year in their normal math classes.		
COURSE COSTS		\$150 approx - Overnight fieldtrip to Rotorua.		
No.	I/E	Level	Credits	Standard Title
US24726	I	2	3	Describe and compare social and cultural impacts of tourism.
US24727	I	2	3	Describe and compare impacts of tourism on the physical environment.
US24728	I	2	3	Demonstrate knowledge of work roles in tourism.
US24729	I	2	4	Demonstrate knowledge of world tourist destinations.
US24730	I	2	4	Demonstrate knowledge of the business of tourism
US24731	I	2	4	Demonstrate knowledge of destination New Zealand.
US24732	I	2	3	Demonstrate knowledge of tourist characteristics and needs.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Three Tourism.		

LEVEL THREE TOURISM

Year 13 Tourism 303 (NCEA)				
WHY STUDY THIS COURSE?		This is a continuation of the National Certificate in Tourism that was introduced at Level Two. Although most students will have entered the course the previous year, ANY student is able to join course at Level Three and gain the unit standards offered here. All the unit standards offered are registered with the NZQA and can be used towards gaining University Entrance.		
COURSE DESCRIPTION		Students will begin the year with an in depth study of New Zealand as a tourist destination. This will include a three day field trip to Northland following the "Twin Coast" highway through Dargaville and the Waipoua forest to Kaitiaia. The next day they travel to Cape Reinga via 90 Mile Beach and return home via the Bay of Islands on day three. The second part of the course is a rigorous study of tourism in the Pacific Islands. Students will look at all aspects of tourism from the many of the exotic destinations found in this area.		
ENTRY REQUIREMENTS		To complete the National Certificate in Tourism, students must have gained 6 credits Literacy NCEA Level Two in English Oral Language or English Written Language and 8 credits Numeracy NCEA Level One in Mathematics or Statistics and Probability.		
COURSE COSTS		\$200 approx - Field trip to Northland – Destination NZ. A laptop would be advisable for this course.		
No.	I/E	Level	Credits	Standard Title
US24733	1	3	4	Describe and promote a New Zealand tourist destination.
US24725	1	3	4	Describe and analyse the economic significance of tourism.
US3727	6	3	8	Demonstrate knowledge of Pacific Island countries as tourist destinations.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NZ scholarship and University study.		



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LEVEL ONE SPORTS SCIENCE

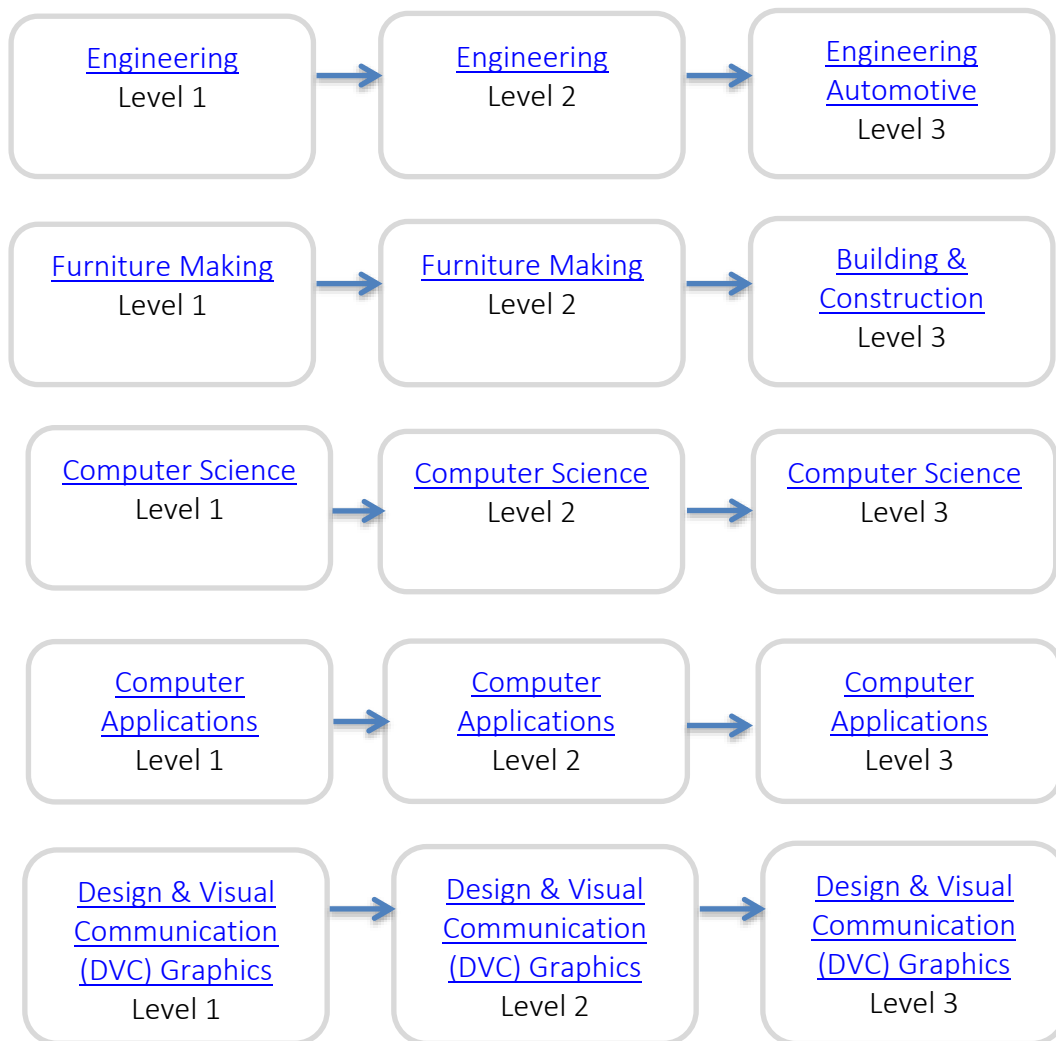
Year 11 Sports Science 101 (NCEA)				
WHY STUDY THIS COURSE?		In today's world of increasing leisure time and the need for qualified people to keep our society healthy and fit, the Sport Science courses offer students the opportunity to study the ways in which the human body can function more efficiently, design personal programmes to suit their own lifestyles, learn to coach others, assist others in physical danger, examine current issues in sport and recreation and perform physical skills to the best of their ability. The course can help support people wanting to study in the areas of the human body and how it functions.		
COURSE DESCRIPTION		<p>To educate students in ways in which the human body can function more efficiently. Students will learn how to design personal programmes to suit their own lifestyles. They examine current issues in sport and recreation and perform physical skills to the best of their ability.</p> <ul style="list-style-type: none"> ▪ Health related fitness ▪ Anatomy, physiology and biomechanics ▪ Principles and Methods of training ▪ Value of participation in physical activity ▪ Participation in a variety of sports and activities ▪ Developing interpersonal skills ▪ Developing safe practices ▪ Participating in Physical Activity ▪ Rafting or Zip-lining, Mountain Biking, Orienteering in Rotorua – two days. 		
ENTRY REQUIREMENTS		The course is designed for students who have a genuine interest in how the body works, sport and personal fitness performance. It is completely internally assessed.		
COURSE COSTS		\$160 for trips to various centers relevant to course.		
No.	I/E	Level	Credits	Standard Title
90962	1	1	5	Participate actively in a variety of physical activities and explain factors that influence own participation.
90963	1	1	5	Demonstrate understanding of the function of the body as it relates to the performance of physical activity.
90964	1	1	3	Demonstrate quality movement in the performance of a physical activity.
90966	1	1	4	Demonstrate interpersonal skills in a group and explain how these skills impact on others.
90968	1	1	3	Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two Sports Science.		

LEVEL TWO SPORTS SCIENCE - ADVANCED PHYSICAL EDUCATION

Year 12 Sports Science 201 (NCEA)				
WHY STUDY THIS COURSE?		In today's world of increasing leisure time and the need for qualified people to keep our society healthy and fit, the Sports Science courses offer students the opportunity to study the ways in which the human body can function more efficiently, design personal programmes to suit their own lifestyles, learn to coach others, assist others in physical danger, examine current issues in sport and recreation and perform physical skills to the best of their ability. The course can help support people wanting to study in the areas of the human body and how it functions.		
COURSE DESCRIPTION		<p>To educate students in ways in which the human body can function more efficiently. To educate students on how to design personal programmes to suit their own lifestyles. To examine current issues in sport and recreation and perform physical skills to the best of their ability.</p> <ul style="list-style-type: none"> ▪ Performance in physical activity ▪ Sports psychology ▪ Principles of skill learning ▪ Functional anatomy, exercise physiology and biomechanics ▪ Principles of training ▪ Risk analysis in the outdoors ▪ Participation in Physical Activities ▪ Three day bush tramp or two day surf trip 		
ENTRY REQUIREMENTS		This course is completely internally assessed and offers Achievement Standards worth 20 credits. We advise that students take the Level One Sports Science course as it introduces many of the concepts applied in the Level two course. Good marks in English at Level One is also important as many of the assessments have a written aspect to them.		
COURSE COSTS		\$120 - Camp/Tramp and Crossfit Gym Sessions (Off Site).		
No.	I/E	Level	Credits	Standard Title
91328	I	2	5	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills.
91329	I	2	4	Demonstrate understanding of the application of biophysical principles to training for physical activity.
91330	I	2	4	Perform a physical activity in an applied setting.
91331	I	2	4	Examine the significance for self, others and society of a sporting event, a physical activity, or a festival.
91333	I	2	3	Analyse the application of risk management strategies to a challenging outdoor activity.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Three Sports Science.		

LEVEL THREE SPORTS SCIENCE - ADVANCED PHYSICAL EDUCATION

Year 13 Sports Science 301 (NCEA)					
WHY STUDY THIS COURSE?			In today's world of increasing leisure time and the need for qualified people to keep our society healthy and fit, the Sports Science courses offer students the opportunity to study the ways in which the human body can function more efficiently, design personal programmes to suit their own lifestyles, learn to coach others, assist others in physical danger, examine current issues in sport and recreation and perform physical skills to the best of their ability. The course can help support people wanting to study in the areas of the human body and how it functions.		
COURSE DESCRIPTION			The students will be required to design a personal exercise programme and after implementing it will evaluate its effectiveness. They will appraise their performance in Stand Up Paddle Boarding after training for six weeks in the skills of the sport. The students train for a three day camp at the Blue Lake where they will also complete a Multi-Sport Event (Run, Swim, Paddle). Critical analysis is made of a current issue relative to physical activity and of an outdoor experience where students will actively encourage participation.		
ENTRY REQUIREMENTS			It is expected that students will have independent study skills to apply both the knowledge of principles and analysis of skills to given assignments. It is important that students have taken the Year 12 Sports Science course and achieved in 2.2B or 2.3B. Achieving Level Two Science will also put the student in good stead.		
COURSE COSTS			Approx \$300: Paddle Boarding \$120; 3 Day Blue Lakes Trip \$180		
No.	I/E	Level	Credits	Lit	Standard Title
91499	I	3	3		Analyse a physical skill performed by self or others.
91498	I	3	4		Evaluate physical activity experiences to devise strategies for lifelong well-being
91501	I	3	4		Perform a physical activity to nationally developed performance standards.
91502	I	3	4	UE R	Examine a current physical activity event, trend or issue impacting on New Zealand society.
91504	I	3	3		Analyse issues in safety management for outdoor activity to devise safety management strategies
91789	I	3	4		Devise strategies for a physical activity outcome
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.		
PATHWAY LINK			Tertiary education. (Health Sciences – Podiatry, Med, Dentistry, Radiography, Physiotherapy. Sports Studies, Sport Management, Education, Personal Training, Elite Sport, Community Sport. Coaching.		



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LEVEL ONE ENGINEERING

Year 11 Engineering 103E (NCEA)				
WHY STUDY THIS COURSE?		This course is designed to introduce students to Industry based Unit Standards related to Engineering. It provides a basic grounding for students who have a practical aptitude and are considering a career in any of the metal based trades or Engineering degrees.		
COURSE DESCRIPTION		The programme is predominantly practically based. Students will do Industry based Unit Standards that are worksheet type assessments. They are theory based which also require small practical tasks to be performed to prove their understanding of the topics. They will do two take home projects where they will be using the skills taught throughout the course.		
ENTRY REQUIREMENTS		There is no prerequisite to the course, but a good understanding and achievement in the Year 10 Materials Technology course is recommended.		
COURSE COSTS		\$100 approx -Costs of materials used in their take home projects.		
No.	I/E	Level	Credits	Standard Title
US22926	I	1	2	Demonstrate knowledge of safety procedures in a specific engineering workshop
US22924	I	1	10	Develop a simple product using engineering materials
US22923	I	1	12	Demonstrate basic engineering workshop skills under close supervision
COURSE OFFERS ENDORSEMENT		No.		
PATHWAY LINK		This leads to NCEA Level Two Engineering		

LEVEL TWO ENGINEERING

Year 12 Engineering 203E (NCEA)				
WHY STUDY THIS COURSE?		This course is a continuation of the Year 11 Engineering Industry Based Unit Standards course. It provides a basic grounding for students who have a practical aptitude and are considering a career in any of the metal based trades or engineering degrees. Completion of the following Unit Standards will help go towards a Level Two National Certificate in Mechanical Engineering.		
COURSE DESCRIPTION		<p>The programme is predominantly practically based. Students will do Industry Based Unit Standard type assessment with theory work and practical application. They will do one main take home project using the skills taught throughout the course and taking up the bulk of the assessment and workshop time. Students will gain skills in the following areas:</p> <ul style="list-style-type: none"> ▪ Safe working practices ▪ Practical skills – use and care of hand tools and power tools ▪ Measuring with micrometer and vernier measuring tools ▪ Mechanical assemble ▪ Shaping, cutting and fitting engineering components ▪ Fabrication and assembly 		
ENTRY REQUIREMENTS		The student needs to have successfully completed the Year 11, Level One Engineering course.		
COURSE COSTS		\$400 approx - Costs of materials used in their take home projects.		
No.	I/E	Level	Credits	Standard Title
US21911	I	2	2	Demonstrate knowledge of safety on engineering worksites.
US4435	I	1	3	Select, use and care for engineering dimensional measuring equipment.
US2395	I	2	4	Select, use and care for engineering hand tools.
US4436	I	2	4	Select, use and care for engineering marking-out equipment.
US2396	I	2	4	Select, use and maintain portable hand held engineering power tools.
US2387	I	2	2	Assemble mechanical components under supervision.
COURSE OFFERS ENDORSEMENT		No.		
PATHWAY LINK		This leads to NCEA Level Three Engineering Automotive.		

LEVEL THREE ENGINEERING AUTOMOTIVE

Year 13 Engineering Automotive 303E (NCEA)				
WHY STUDY THIS COURSE?		The course is a continuation of the Year 12 Engineering with some automotive skills. You will be required to apply your engineering skills independently into a project and gain an understanding of automotive operations through practical lessons. It is intended for students who have a practical aptitude and are considering a career in any of the trades or mechanical engineering degree or diploma courses. The course is assessed using internal achievement standards		
COURSE DESCRIPTION		The program is predominantly practically based. They will complete one major project. There will be some design work involved where the student will need to sketch plans for their project and then work out a process how it will be made.		
ENTRY REQUIREMENTS		It is highly recommended that students complete the Year 12 engineering course before entering this one.		
COURSE COSTS		\$400 approx - Costs of materials used in their take home projects.		
No.	I/E	Level	Credits	Standard Title
91620	I	3	6	Implement complex procedures to integrate parts using resistant materials to make a specified product.
91623	I	3	4	Implement complex procedures to create an applied design for a specified product.
91643	I	3	6	Implement complex procedures to process a specified product.
COURSE OFFERS ENDORSEMENT		No.		
PATHWAY LINK		Any of the engineering and automotive trades. Further tertiary opportunities.		

LEVEL ONE FURNITURE MAKING

Year 11 Furniture Making 103F (NCEA)				
WHY STUDY THIS COURSE?		This course is designed to introduce students to Industry Based Unit Standards related to Furniture Making. It provides a basic grounding for students who have a practical aptitude and are considering a career in any of the trades.		
COURSE DESCRIPTION		<p>The programme is predominantly practically based. Students will complete two projects during the year. The first project is skills based following a specified design. For the second project, students will have the opportunity to apply the new skills into their own personal design. Most other units are practically based. However, a portion of theory and assignment type work will be expected to reinforce the knowledge base. Students will gain skills in the following areas:</p> <ul style="list-style-type: none"> ▪ recognising and confirming job specifications ▪ practical skills – use of hand and power tools ▪ selection and use of safety equipment ▪ set up and operation of woodworking machines ▪ furniture carcass construction ▪ set and operation of a lathe 		
ENTRY REQUIREMENTS		There is no prerequisite to the course but a good understanding and achievement in the Year 10 course is recommended.		
COURSE COSTS		\$200 approx - (depending on project size). Costs of the materials used in the production of two take home projects.		
No.	I/E	Level	Credits	Standard Title
US25920	I	1	3	Use joints for a BCATS project.
US24352	I	1	2	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project.
US24356	I	1	8	Apply elementary workshop procedures and processes for BCATS projects.
AS91057	I	1	6	Implement basic procedures using resistant materials to make a specified product.
COURSE OFFERS ENDORSEMENT		No		
PATHWAY LINK		This leads to NCEA Level Two Furniture Making.		

LEVEL TWO FURNITURE MAKING

Year 12 Furniture Making 203F (NCEA)				
WHY STUDY THIS COURSE?		This course is a continuation of the Year 11 Furniture Making Course. It is made up of Level Two Industry Based Unit Standards. This course continues to build on the skills and units that the students did in the Level One course. It is intended for students who have a practical aptitude and are considering a career in any of the trades.		
COURSE DESCRIPTION		<p>The programme is predominantly practically based. Students will complete two projects during the year. The first project is skills based following a specified design. For the second project, students will have the opportunity to apply the new skills into their own personal design. The units are practically based, however a portion of theory and assignment work is required to reinforce the knowledge base and provide the assessment. Students will gain skills in the following areas:</p> <ul style="list-style-type: none"> ▪ Comparison of furniture article with job specifications ▪ Practical skills – Use of hand and power tools ▪ Sketching of plans for furniture making ▪ Material calculations for furniture making ▪ Set and operation of machinery 		
ENTRY REQUIREMENTS		It is strongly recommended that a Level One Furniture course has been completed.		
COURSE COSTS		\$200 approx - (depending on project size). Costs of the materials used in the production of two take home projects.		
No.	I/E	Level	Credits	Standard Title
US12927	I	2	6	Identify, select, maintain and use hand tools for BCATS projects.
AS91344	I	2	6	Implement advanced procedures using resistant materials to make a specified product with special features.
US24350	I	2	6	Identify, select, maintain and use portable power tools for BCATS projects
COURSE OFFERS ENDORSEMENT		No.		
PATHWAY LINK		This leads to NCEA Level Three Building and Construction class.		

LEVEL THREE CONSTRUCTION

Year 13 Construction 303C (NCEA)

WHY STUDY THIS COURSE?	This course is designed to introduce students to Industry Unit Standards related to carpentry. This course provides a basic grounding for those students who have a practical aptitude and are considering a career in the trades. Students will gain skills in the following areas: <ul style="list-style-type: none">▪ decision making▪ safe work practices▪ selection of hand and power tools▪ practical skills - use of hand and power tools▪ communication skills▪ managing and providing first aid			
COURSE DESCRIPTION	The programme is predominantly practically based. The students complete two workshop projects and are part of a team 1 day a week to construct a house. This project is supported by qualified builders and allows the students to gain first-hand experience of working on a full size construction project. The theory work consists of unit standards assignments and tests. The three first aid units are provided by an outside provider over a two-day course in the school.			
ENTRY REQUIREMENTS	Previous workshop experience would be an advantage. However, the course is open to any students who feel they have a practical aptitude.			
COURSE COSTS	\$475 approx - This includes tool starter kit, small workshop projects and first aid course.			
No.	I/E	Level	Credits	Standard Title
US12997	I	3	3	Demonstrate knowledge of safe working practices on construction sites.
US12998	I	3	4	Demonstrate knowledge of carpentry hand tools (Theory).
US12999	I	3	3	Demonstrate knowledge of timber machining equipment used on construction sites (Theory).
US13000	I	3	4	Demonstrate knowledge of portable power tools used on construction sites (Theory).
US13002	I	3	2	Demonstrate knowledge of timber used in construction.
US24378	I	3	4	Perform building calculations.
US6400	I	3	2	Manage First Aid in .
US6401	I	2	1	Provide First Aid.
US6402	I	1	1	Provide resuscitation Level Two.
COURSE OFFERS ENDORSEMENT			No.	
PATHWAY LINK			Building industry, including plumbing, electrical etc. Quantity surveying, site management courses.	

LEVEL ONE DIGITAL TECHNOLOGY

Year 11 Computer Science 101 (NCEA)				
WHY STUDY THIS COURSE?		<p>Computing and technological skills are an essential part of our modern lives. There is a shortage of skilled IT professionals as well as an expectation that almost every person has a reasonable level of computing skills.</p> <p>Computing at St Paul's Collegiate School is divided into two programme streams. The first is Computer Science, where the emphasis is on programming and problem solving. This is aimed at students who have an interest in computing and are considering a potential career in the IT industry. The other stream is the Computer Applications stream, where there is an emphasis on the use of the computer as a tool. This is aimed at students who are wanting to improve their understanding of using the computer as a tool, as well as being interested in using the computer with an emphasis on creativity.</p> <p>The two streams of Digital Technology are mutually exclusive. You can either take Computer Science OR Computer Applications, but not both.</p>		
COURSE DESCRIPTION		<p>The Computer Science course is aimed at students who are interested in problem solving and learning to program, as well as developing websites using HTML and CSS. Students will learn:</p> <ul style="list-style-type: none"> Basic program planning skills, including planning and flowcharting Programming using Python Basic web design skills Website development using HTML and CSS Basic concepts of information management Basic digital information skills using Word and Excel. 		
ENTRY REQUIREMENTS		Students should have good basic skills in computing and access to a computer and the internet for homework.		
COURSE COSTS		\$10 approx - additional print balance is required to print assessment tasks and worksheets.		
No.	I/E	Level	Credits	Standard Title
91075	I	1	3	Construct a plan for a basic computer program for a specified task.
91076	I	1	3	Construct a basic computer program for a specified task.
91046	I	1	6	Use design ideas to produce a conceptual design for an outcome to address a brief.
91073	I	1	4	Implement basic procedures to produce a specified digital media outcome.
91071	I	1	4	Implement basic procedures to produce a specified digital information outcome.
91070	E	1	3	Demonstrate understanding of basic concepts of information management.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		This leads to NCEA Level Two Computer Studies.		

LEVEL ONE DIGITAL TECHNOLOGY

Year 11 Computer Applications 102 (NCEA)				
WHY STUDY THIS COURSE?		<p>Computing and technological skills are an essential part of our modern lives. There is a shortage of skilled IT professionals as well as an expectation that almost every person has a reasonable level of computing skills.</p> <p>Computing at St Paul's Collegiate School is divided into two programme streams. The first is Computer Science, where the emphasis is on programming and problem solving. This is aimed at students who have an interest in computing and are considering a potential career in the IT industry. The other stream is the Computer Applications stream, where there is an emphasis on the use of the computer as a tool. This is aimed at students who are wanting to improve their understanding of using the computer as a tool, as well as being interested in using the computer with an emphasis on creativity.</p> <p>The two streams of Digital Technology are mutually exclusive. You can either take Computer Science OR Computer Applications, but not both.</p>		
COURSE DESCRIPTION		<p>The Computer Applications course is aimed at students who want to be more creative with their computing, as well as learn key skills that will be useful in the general workforce. Students will learn:</p> <ul style="list-style-type: none"> ▪ Basic Photoshop skills ▪ Basic Illustrator skills ▪ Basic page layout skills using InDesign ▪ Basic web design skills ▪ Basic web development using web authoring tools ▪ Basic concepts of information management ▪ Basic digital information skills using Word and Excel. 		
ENTRY REQUIREMENTS		Students should have good basic skills in computing and access to a computer and the internet for homework.		
COURSE COSTS		\$10 approx - additional print balance is required to print assessment tasks and worksheets.		
No.	I/E	Level	Credits	Standard Title
91046	I	1	6	Use design ideas to produce a conceptual design for an outcome to address a brief.
91047	I	1	6	Undertake development to make a prototype to address a brief.
91071	I	1	4	Implement basic procedures to produce a specified digital information outcome.
91073	I	1	4	Implement basic procedures to produce a specified digital media outcome.
91070	E	1	3	Demonstrate understanding of basic concepts of information management.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		This leads to NCEA Level Two Computer Studies.		

LEVEL TWO DIGITAL TECHNOLOGY

Year 12 Computer Science 201 (NCEA)				
WHY STUDY THIS COURSE?		<p>Computing and technological skills are an essential part of our modern lives. There is a shortage of skilled IT professionals as well as an expectation that almost every person has a reasonable level of computing skills.</p> <p>Computing at St Paul's Collegiate School is divided into two programme streams. The first is Computer Science, where the emphasis is on programming and problem solving. This is aimed at students who have an interest in computing and are considering a potential career in the IT industry. The other stream is the Computer Applications stream, where there is an emphasis on the use of the computer as a tool. This is aimed at students who are wanting to improve their understanding of using the computer as a tool, as well as being interested in using the computer with an emphasis on creativity.</p> <p>The two streams of Digital Technology are mutually exclusive. You can either take Computer Science OR Computer Applications, but not both.</p>		
COURSE DESCRIPTION		<p>This course is aimed at students who are considering further education and a career in computing. Problem solving skills are a key component of this programme. Students will learn:</p> <ul style="list-style-type: none"> Advanced skills in program planning. Advanced programming skills using Python. Advanced web design skills. Website development using HTML5, CSS, and JavaScript, and Photoshop. Advanced concepts from computer science. 		
ENTRY REQUIREMENTS		<p>Good results in the programming and computer science standards at Year 11 and an interest in Mathematics. Access to a computer and the internet to complete homework is essential.</p>		
COURSE COSTS		<p>\$10 approx - additional print balance is required to print assessment tasks and worksheets.</p>		
No.	I/E	Level	Credits	Standard Title
91372	I	2	3	Construct a plan for an advanced computer program for a specified task.
91373	I	2	3	Construct an advanced computer program for a specified task.
91356	I	2	6	Develop a conceptual design for an outcome.
91370	I	2	4	Implement advanced procedures to produce a specified digital media outcome.
91371	E	2	4	Demonstrate understanding of advanced concepts from computer science.
COURSE OFFERS ENDORSEMENT		Yes subject to NZQA criteria being met.		
PATHWAY LINK		This leads to NCEA Level Three Computer Studies.		

LEVEL TWO DIGITAL TECHNOLOGY

Year 12 Computer Applications 202 (NCEA)				
WHY STUDY THIS COURSE?		<p>Computing and technological skills are an essential part of our modern lives. There is a shortage of skilled IT professionals as well as an expectation that almost every person has a reasonable level of computing skills.</p> <p>Computing at St Paul's Collegiate School is divided into two programme streams. The first is Computer Science, where the emphasis is on programming and problem solving. This is aimed at students who have an interest in computing and are considering a potential career in the IT industry. The other stream is the Computer Applications stream, where there is an emphasis on the use of the computer as a tool. This is aimed at students who are wanting to improve their understanding of using the computer as a tool, as well as being interested in using the computer with an emphasis on creativity.</p> <p>The two streams of Digital Technology are mutually exclusive. You can either take Computer Science OR Computer Applications, but not both.</p>		
COURSE DESCRIPTION		<p>This course covers a wide range of computing skills and targets students who may need to use a computer during their schooling, further education, or in the workforce. Students will learn the following:</p> <ul style="list-style-type: none"> ▪ Basic Illustrator skills ▪ Basic animation with Flash Professional ▪ Basic web design skills ▪ Basic web development using web authoring tools ▪ Basic concepts of information management ▪ Basic digital information skills using Word and Excel ▪ A wide range of digital application skills. 		
ENTRY REQUIREMENTS		Good results in Year 11 Computer Studies and an interest in Mathematics. Access to a computer to complete homework is essential.		
COURSE COSTS		\$10 approx - additional print balance is required to print assessment tasks and worksheets.		
No.	I/E	Level	Credits	Standard Title
91356	I	2	6	Develop a conceptual design for an outcome.
91357	I	2	6	Undertake effective development to make and trial a prototype.
91369	I	2	4	Demonstrate understanding of advanced concepts of digital media.
91370	I	2	4	Implement advanced procedures to produce a specified digital media outcome.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		This leads to NCEA Level Three Computer Studies 303.		

LEVEL THREE DIGITAL TECHNOLOGY

Year 13 Computer Science 301 (NCEA)

WHY STUDY THIS COURSE?	<p>Computing and technological skills are an essential part of our modern lives. There is a shortage of skilled IT professionals as well as an expectation that almost every person has a reasonable level of computing skills.</p> <p>Computing at St Paul’s Collegiate School is divided into two programme streams. The first is Computer Science, where the emphasis is on programming and problem solving. This is aimed at students who have an interest in computing and are considering a potential career in the IT industry. The other stream is the Computer Applications stream, where there is an emphasis on the use of the computer as a tool. This is aimed at students who are wanting to improve their understanding of using the computer as a tool, as well as being interested in using the computer with an emphasis on creativity.</p> <p>The two streams of Digital Technology are mutually exclusive. You can either take Computer Science OR Computer Applications, but not both.</p>				
COURSE DESCRIPTION	<p>This course is aimed at students who are considering further education and a career in computing. Problem solving skills are essential to successfully complete this programme. Students will learn the following:</p> <ul style="list-style-type: none">▪ Complex skills in program planning.▪ Complex programming skills using C#.▪ Complex web design skills.▪ Website development using HTML5, CSS, JavaScript, and WebGL.▪ An in-depth understanding of areas of computer science.				
ENTRY REQUIREMENTS	<p>Good results in the 201 Computer Science course in Year 12 and an interest in Mathematics. Access to a computer and the internet to complete homework is essential.</p>				
COURSE COSTS	<p>\$10 approx - additional print balance is required to print assessment tasks and worksheets.</p>				
No.	I/E	Level	Credits	Lit	Standard Title
91610	I	3	6		Develop a conceptual design considering fitness for purpose in the broadest sense.
91635	I	3	4		Implement complex procedures to produce a specified digital media outcome.
91637	I	6	6		Develop a complex computer program for a specified task.
91636	E	3	4	UE R UE W	Demonstrate understanding of areas of computer science.
COURSE OFFERS ENDORSEMENT					Yes - subject to NZQA criteria being met.
PATHWAY LINK					This leads to Tertiary Education.

LEVEL THREE DIGITAL TECHNOLOGY

Year 13 Computer Applications 302 (NCEA)

WHY STUDY THIS COURSE?						<p>Computing and technological skills are an essential part of our modern lives. There is a shortage of skilled IT professionals as well as an expectation that almost every person has a reasonable level of computing skills.</p> <p>Computing at St Paul’s Collegiate School is divided into two programme streams. The first is Computer Science, where the emphasis is on programming and problem solving. This is aimed at students who have an interest in computing and are considering a potential career in the IT industry. The other stream is the Computer Applications stream, where there is an emphasis on the use of the computer as a tool. This is aimed at students who want to improve their understanding of using the computer as a tool, as well as being interested in using the computer with an emphasis on creativity.</p> <p>The two streams of Digital Technology are mutually exclusive. You can either take Computer Science OR Computer Applications, but not both.</p>
COURSE DESCRIPTION						<p>This course covers a wide range of computing skills and targets students who may need to use a computer during their schooling, further education, or in the workforce. Students will learn the following:</p> <ul style="list-style-type: none">▪ Complex information management skills used In Design, Photoshop and Illustrator.▪ Complex conceptual design skills.▪ Complex digital media skills using Adobe InDesign and Photoshop.▪ Complex information systems concepts.
ENTRY REQUIREMENTS						Good results in a Year 12 Computer Applications or Computer Science. Access to a computer and the internet to complete homework is essential.
COURSE COSTS						\$10 approx - additional print balance is required to print assessment tasks and worksheets.
No.	I/E	Level	Credits	Lit	Standard Title	
91610	I	3	6		Develop a conceptual design considering fitness for purpose in the broadest sense.	
91611	I	3	6		Develop a prototype considering fitness for purpose in the broadest sense.	
91622	I	3	4		Implement complex procedures to make a specified product using a Computer Numerical Controlled (CNC) machine.	
91631	I	3	6		Develop a complex computer program for a specified task.	
91635	I	3	4		Implement complex procedures to produce a specified digital media outcome.	
91636	E	3	4	UE R UE W	Demonstrate understanding of areas of computer science.	
COURSE OFFERS ENDORSEMENT					Yes - subject to NZQA criteria being met.	
PATHWAY LINK					This leads to Tertiary Education.	

One Only

LEVEL ONE DESIGN AND VISUAL COMMUNICATION (GRAPHICS)

Year 11 Design and Visual Communication (DVC) Graphics 101 (NCEA)				
WHY STUDY THIS COURSE?		Design and Visual Communication (DVC) focuses on communicating ideas and precise information through drawing. DVC still retains most of the technical drawing skills but has an emphasis on design process, creativity and individual choices. The flexibility of design briefs provided by the course, allows all students to explore different areas and levels of design and drawing. DVC involves a rich variety of learning experiences leading to a wide range of career opportunities, including all the design fields, Engineering, Architecture and Drafting.		
COURSE DESCRIPTION		<p>To develop a rich variety of learning experiences that will lead to a wide range of career opportunities, including all the design fields, Engineering, Architecture, Drafting, Product and Spatial.</p> <p>Course will include:</p> <ul style="list-style-type: none"> ▪ instrumental working drawings ▪ freehand sketching ▪ rendering and presentation of work ▪ design process ▪ evaluation and research ▪ pictorial instrumental drawing ▪ mock ups and models ▪ design principles 		
ENTRY REQUIREMENTS		There is no prerequisite for entry into the course. Year 10 DVS would be an advantage. The course requires a commitment to the assignment work through which all assessment is undertaken.		
COURSE COSTS		\$30 approx - Drawing equipment.		
No.	I/E	Level	Credits	Standard Title
91066	I	1	3	Present design ideas that show design features and functions.
91068	I	1	6	Demonstrate development of a design idea communicated through graphics practice.
91063	E	1	3	Produce freehand sketches that Communicate own design ideas.
91064	E	1	3	Produce instrumental multi-view working drawings to communicate own design ideas.
91065	E	1	3	Produce pictorial drawings using instruments and render these drawings to communicate own design ideas.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Two Design and Visual Communication.		

LEVEL TWO DESIGN AND VISUAL COMMUNICATION (GRAPHICS)

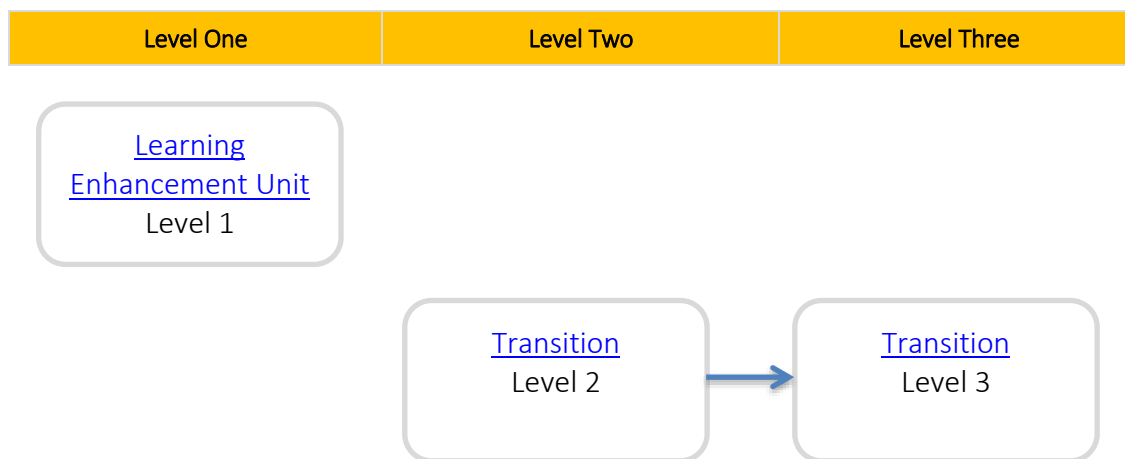
Year 12 Design and Visual Communication (DVC) Graphics 201 (NCEA)				
WHY STUDY THIS COURSE?		Design and Visual Communication (DVC) focuses on communicating ideas and precise information through drawing. DVC still retains most of the technical drawing skills but has an emphasis on design process, creativity and individual choices. The flexibility of design briefs provided by the course, allows all students to explore different areas and levels of design and drawing. DVC involves a rich variety of learning experiences leading to a wide range of career opportunities, including all the design fields, Engineering, Architecture, Drafting, Product and Spatial.		
COURSE DESCRIPTION		<p>To develop a rich variety of learning experiences that will lead to a wide range of career opportunities, including all the design fields, Engineering, Architecture and Drafting. Course will include:</p> <ul style="list-style-type: none"> • freehand sketching • industrial orthographic drawings • 2D and 3D instrumental drawings • mock ups and models • design principles and societal considerations • architectural design • technological product design • evaluation and research • presentation techniques 		
ENTRY REQUIREMENTS		There is no prerequisite for entry but a successful completion of the Year 11 Level One Design and Visual Communication course is highly recommended.		
COURSE COSTS		\$80 approx - Drawing equipment from previous year is adequate. Extra equipment and drawing board is recommended.		
No.	I/E	Level	Credits	Standard Title
91342	I	2	6	Develop a product design through graphics practice.
91341	I	2	6	Develop a spatial design through graphics practice.
91337	E	2	3	Use visual communication techniques to generate design ideas.
91338	E	2	4	Produce working drawings to communicate technical details of a design.
91339	E	2	3	Produce instrumental perspective projection drawings to communicate design ideas.
COURSE OFFERS ENDORSEMENT		Yes - subject to NZQA criteria being met.		
PATHWAY LINK		Leads into NCEA Level Three Design and Visual Communication.		

LEVEL THREE DESIGN AND VISUAL COMMUNICATION (GRAPHICS)

Year 13 Design and Visual Communication (DVC) Graphics 301 (NCEA)

WHY STUDY THIS COURSE?	Design and Visual Communication (DVC) focuses on communicating ideas and precise information through drawing. DVC still retains most of the technical drawing skills but has an emphasis on design process, creativity and individual choices. The flexibility of design briefs provided by the course, allows all students to explore different areas and levels of design and drawing. DVC involves a rich variety of learning experiences leading to a wide range of career opportunities – architecture, engineering and any other design.			
COURSE DESCRIPTION	<p>The two areas of study are:</p> <ul style="list-style-type: none">▪ Architectural and Environmental design; or▪ Product, Engineering or Technological design <p>The students will cover the following:</p> <ul style="list-style-type: none">▪ A range of drawing systems, the basis of which will be used to communicate and express design ideas▪ An appreciation of modern drawing technologies▪ Use a variety of presentation and illustration techniques and materials▪ Read, analyse and use a wide range of drawing and graphic information▪ Understand and apply the principles and methods of projection▪ Problem solving – through investigation, drawing, modelling and computer graphics▪ Knowledge of materials and their application to product design, systems or environmental design▪ Evaluation of their solutions▪ Develop an appreciation of aesthetic awareness of designs impact on people’s lives and environment			
ENTRY REQUIREMENTS	Students must have gained achievement in Level One Design and Visual Communication and it is highly recommended that achievement was gained at Level Two.			
COURSE COSTS	\$10 approx - for colour copying. Drawing equipment from previous year is adequate.			
No.	I/E	Level	Credits	Standard Title
91629	I	3	6	Resolve a spatial design through graphics practice.
91630	I	3	6	Resolve a product design through graphics practice.
91631	E	3	6	Produce working drawings to communicate production details for a complex design.
91627	E	3	4	Initiate design ideas through exploration.
COURSE OFFERS ENDORSEMENT			Yes - subject to NZQA criteria being met.	
PATHWAY LINK			Leads into engineering, architecture, drafting, industrial design, product design, graphic design and any other design field.	

OTHER SUBJECTS



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LEVEL ONE LEARNING ENHANCEMENT

Year 11 Learning Enhancement Unit NCEA				
WHY STUDY THIS COURSE?		This course aims to help students with assistance in Literacy and to develop an understanding of 'learning styles' and study habits. Students will be provided with an opportunity to work and receive support in their other subjects in a structured environment.		
COURSE DESCRIPTION		This Learning Enhancement programme offers students the opportunity to complete five Unit Standards. All standards are internally assessed.		
ENTRY REQUIREMENTS		Application for entry into this course will be needs based. The HOD and Assistant Headmaster will decide whether a student qualifies to take this course. In some cases, it may be recommended to the parents that their son or daughter join the Year 11 Learning Enhancement class in preference to studying a sixth subject.		
COURSE COSTS		Nil.		
No.	I/E	Level	Credits	Standard Title
US2755	I	1	6	Describe approaches to psychology.
US12355	I	2	3	Describe stress and ways of dealing with it.
US504	I	1	2	Create a CV.
US12349	I	2	3	Time Management.
COURSE OFFERS ENDORSEMENT		No.		
PATHWAY LINK		This leads to Transition Level Two		

LEVEL TWO TRANSITION

Year 12 Transition (NCEA)				
WHY STUDY THIS COURSE?		This course begins to prepare students to bridge the gap between school life and life outside of school.		
COURSE DESCRIPTION		This is a one-year course assessed by ITO Unit Standards that covers some aspects of students moving from school to the workplace and gives students some life skills. A small motors course and a chain-sawing course using outside providers offer additional skills and credits to the students.		
ENTRY REQUIREMENTS		<p>Open entry.</p> <p>Note: Every student who applies for Transition will need to discuss and negotiate this option with their Parents/Guardians, Housemaster, and the Assistant Headmaster, Mr Hampton.</p>		
COURSE COSTS		Transport to and from workplace; cost of practical courses, e.g. small motors course; chainsaw course.		
No.	I/E	Level	Credits	Standard Title
US10781	I	2	3	Produce a plan for your own future directions.
US7123	I	2	2	Apply a problem solving method to a problem.
US12354	I	2	4	Describe implications of independent living.
US12355	I	2	2	Describe stress and ways of dealing with it.
US4252	I	2	2	Produce a targeted resume.
US4	I	2	5	Maintain hand tools and service small engines used in horticulture.
US6916	I	2	5	Demonstrate knowledge of the Approved Code of Practice relating to chainsaw use.
US6917	I	2	8	Demonstrate basic chainsaw operation.
COURSE OFFERS ENDORSEMENT		No.		
PATHWAY LINK		Leads into NCEA Level Three Transition.		

LEVEL THREE TRANSITION

Year 13 Transition (NCEA)				
WHY STUDY THIS COURSE?		This course begins to prepare students to bridge the gap between school life and life outside of school.		
COURSE DESCRIPTION		This is a one-year course assessed by ITO Unit Standards that covers some aspects of students moving from school to the workplace and gives students some life skills. Courses using outside providers offer additional skills and credits to the students.		
ENTRY REQUIREMENTS		Open entry. Note: Every student who applies for Transition will need to discuss and negotiate this option with their Parents/Guardians, Housemaster, and the Assistant Headmaster, Mr Hampton.		
COURSE COSTS		Transport to and from workplace; cost of practical courses, e.g. prevention of back injuries.		
No.	I/E	Level	Credits	Standard Title
US4251	I	3	2	Plan a career pathway
US2785	I	3	5	Create a computer spreadsheet to provide a solution for organisation use.
US22771	I	3	4	Plan a beginner level coaching session for sport participants.
US9681	I	3	4	Contribute within a team or group which has an objective.
US17591	I	3	8	Demonstrate knowledge of the prevention and management of Discomfort, Pain and Injury (DPI) in the workplace
US17592	I	3	4	Identify the causes of back injury and methods to prevent back injuries in the workplace.
US1312	I	3	3	Give oral instructions in the workplace.
COURSE OFFERS ENDORSEMENT		No.		
PATHWAY LINK				