



St. Oran's College

Senior Course Handbook (Yrs 12/13)

2012

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September 2011

Dear Students and Parents,

This handbook contains information to assist our senior students to make informed decisions when choosing their subjects in the senior school. It gives an overview of the subjects available at St. Oran's College for Years 12 and 13.

St. Oran's College has a philosophy of providing a well balanced curriculum with emphasis on high academic achievement. Students are encouraged to choose a broad selection of subjects rather than specialize too early in one particular skill area. It is also important that they do not choose courses simply to acquire NCEA credits. As part of the special character of St. Oran's College, students at all levels also participate in a core Christian Studies programme.

When making course decisions, students should think about those subjects they really enjoy, those they achieve well in, and those which may be required for possible future studies – either at school or at the tertiary level. Looking out further - when planning a career path, it is also important to keep in mind the changing nature of today's job market. There are some useful web sites listed in this handbook to enable you to do some research on all these aspects.

All subjects outlined in this handbook are possible options for 2012. However, it must be clearly understood that if there are not enough students to make a viable class or there is not sufficient staffing available, one or more of the following may occur: a subject may not be available at all, it may have reduced teacher contact hours, it may be joined with students choosing the same subject but at a different NCEA level. Class numbers may also be restricted because of limited facilities available.

All the best to all students as you think about and plan for where you will go when you leave school.

Yours sincerely



Dawn Ackroyd
Principal

Choosing a Course

This booklet is to help you plan your course of study for 2012. To make useful decisions, students need to reflect on their skills, seek advice from knowledgeable adults, and seek up-to-date information about possible careers. Students going into either Year 12 or Year 13 need to see these years as a combined two year course, looking towards what they are going to be doing once they leave school. If they don't know, they need to choose general academic subjects which have good transferable skills which can form the basis for employment. They should choose with a work life in mind. If they found out in Year 12 that a subject was not their 'thing', they have the opportunity to try another option in Year 13. If they did not get the pre-requisites for Level 3, they should be repeating Level 2 or choosing another subject.

Overall, the range of subjects you choose should provide you with a course that is:

- suited to your interests and abilities
- challenging and achievable
- relevant to your career aspirations
- providing pathways for future study when you leave school/move on to Tertiary.

Questions to ask yourself are:

1. What subjects do I really enjoy?

What subjects am I really passionate about?

(These are the subjects to do as you will always do well in them).

2. What subjects in Level 1/2 did I achieve really well in?

What subjects am I most skilled in?

What subjects do I always do first for homework?

(The answers to these will indicate where your strengths lie).

3. What subjects do I need to do to get into the tertiary course I want to do/or to follow the career/s I am thinking of? What PRE-REQUISITES do I need?

*It is important students look at the **QUALITY** of their grades, not the **QUANTITY**. Your choices must also be realistic and provide the basis for a future work life.*

MAKING INFORMED DECISIONS

Parents can encourage and help students at senior level to take the initiative in planning and preparing for their future. It can be helpful to browse websites such as those listed below - just to get some ideas to get started with or to research for specific detailed career information. It is really important that the information students access about careers is very up-to-date.

www.nzqa.govt.nz

Everything you need to know about New Zealand's qualifications system in general and NCEA in particular. There are very clear explanations of all the details.

www.2careers.govt.nz/

Provides good information on planning a career, including CAREER QUEST – a quiz to help you identify your interests. Another section is EDUCATION & TRAINING which covers choosing school subjects, a tertiary course database and what subjects lead to what careers. It also lists what jobs are the most in demand – quite a good idea to think about as it is not necessarily a good idea to qualify for a job that is NOT in demand at all.

www.auckland.ac.nz/careers

This is the most useful university site – covers the whole range of aspects for career planning.

www.weltec.ac.nz

Many enjoy and succeed in practical areas – and this site covers a large range of practical courses for students who do not want to have a job at a desk. There is also a CAREERS QUIZ – which asks you about your interests etc – are you more like Bill Gates, Mother Teresa or Daniel Carter? Very useful for careers ideas.

www.futureintech.org.nz

This is an excellent site for information on careers in Engineering, Technology & Science. There are long lists of careers/jobs based on such subjects as Mathematics, Biology, Chemistry, Physics, ICT and Technology. There are profiles of people who do these jobs – their educational history, their experience – and what they actually do. Many of these jobs are on the list of where there are skills shortages in NZ.

www.studyit.org.nz

This is a student focused website set up especially for NCEA Science, Mathematics and English students. It contains all sorts of information about what students need to know about how to achieve in particular standards, exam and study advice and there is a discussion forum. Some students may find it useful.

National Qualifications

There are three NCEA (National Certificate of Educational Achievement) levels at school: Level 1, Level 2 and Level 3. These are the first three of the ten levels that make up the National Qualifications Frame (NQF). St. Oran's College only offers NCEA.

To be awarded Level 1 NCEA	Students must have gained at least 80 credits at Level 1 or above. This total must include at least 10 credits in literacy from specified standards (usually assessed in English) and 10 credits from specified numeracy standards (assessed in mathematics).
To be awarded Level 2 NCEA	Students must have gained 80 credits, 60 of which are at Level 2 or above. The other 20 credits can be from any level. There are no literacy OR numeracy credits required specifically for an NCEA Level 2 but students do need to gain 10 credits at level 2 English if they wish to go on to university when they leave school. (ie these are required to gain University Entrance).
To be awarded Level 3 NCEA	Students must have gained 80 credits, 60 of which are Level 3 or above. The other 20 can be from any level. There are no literacy or numeracy requirements.
To qualify for Certificate Endorsement	<p>Certificate endorsements are to acknowledge the high achievement of a student across their whole range of subjects.</p> <ul style="list-style-type: none"> • For a certificate endorsement with Excellence, students require 50 credits at Excellence level across all their subjects. • For a certificate endorsed with Merit students need 50 credits at either Merit or Excellence.
To qualify for Course Endorsement	<p>A 'course' is a subject. This course endorsement is to acknowledge students who are particularly able in a particular subject area.</p> <ul style="list-style-type: none"> • Students who get 14 or more credits with excellence in a particular subject will get Endorsed with Excellence. • Students with 14 or more in merit and excellence will get Merit Endorsed. • Students need to have at least 3 of these credits internally assessed and at least 3 credits externally assessed. • The course must be completed in one school year.
Costs to Enter	\$76.70 for any level and no matter how many subjects.

To Qualify for University Entrance	<p>A minimum of 42 credits at Level 3 or higher including:</p> <ul style="list-style-type: none"> • A minimum of 14 credits at Level 3 or higher in each of two subjects from approved subject list. • A further 14 credits Level 3 or higher taken from the NQF or approved subjects. See the following for a list of ‘approved subjects’. http://www.nzqa.govt.nz/ncea/arcp/secondary/docs/approved-subjects.doc • Literacy requirements - a minimum of 10 credits at Level 2 or higher: 5 in reading, 5 in writing. The following link identifies approved standards: • Numeracy requirements – at least 14 credits in mathematics, statistics or higher. http://www.nzqa.govt.nz/ncea/ue/litreqs.html <p>If you are doing the Business Studies course please read the details carefully.</p>
To get Guaranteed Entry to University (GES)	<p>New Zealand universities have introduced a Guaranteed Entry Score (GES). Students must attain a GES of 120 points to be assured of entry to undergraduate courses. Students are advised to access the websites of chosen universities to be sure what the requirements are for guaranteed entry to these universities. See over for a few examples of how GES is worked out at Victoria.</p> <p>The Guaranteed Entry Score (GES) is based on:</p> <ul style="list-style-type: none"> • Your 80 <u>best</u> credits in approved subjects Level 3 or higher. • If fewer than 80 credits, based on what student does have. • Only <u>24 credits</u> in each subject can be counted.

Guaranteed Entry to Victoria by G.E.S.

Two examples:

1. Guaranteed Entry Score – from NCEA – 120 points

- Based on 80 best credits in all *approved subjects*, level 3 or higher
- If fewer than 80 credits, the rank score is based on what student has
- A maximum of 24 credits in each subject may be counted
- Achievement or unit standards may be counted

Approved subject (best 24 credits per subject)	Excellence Credits (x4)	Merit Credits (x3)	Achieved Credits (x2)	
English	8	6	6	
History		6	10	
Stats & Modelling	4	4	16	
Geography		10	10	
French			24	
Sub Total	12	26	66	
Best 80 Credits	12	26	42	Rank Score
Calculate Score	(x4)48	(x3)78	(x2)84	210

60 credits at Achieved, in approved subjects, Level 3 or higher, equals 120 points

Guaranteed Entry to Victoria by G.E.S.

2. Guaranteed Entry Score – from NCEA – 120 points

- e. Based on 80 best credits in all *approved subjects*, level 3 or higher
- f. If fewer than 80 credits, the rank score is based on what student has
- g. A maximum of 24 credits in each subject may be counted
- h. Achievement or unit standards may be counted

Approved subject (best 24 credits per subject)	Excellence Credits (x4)	Merit Credits (x3)	Achieved Credits (x2)	
English			14	
History			14	
Stats & Modelling			14	
Geography			14	
Gateway			-	
Sub Total			56	
Best 80 Credits			56(x2)	Rank Score
Calculate Score			UE – but not GES	112

60 credits at Achieved, in approved subjects, Level 3 or higher, equals 120 points

To get Discretionary Entrance	Usually Level 2 <u>endorsed with Merit</u> from Year 12 and a strong recommendation from the school regarding independence study skills and self-management. Includes University Entrance Literacy and Numeracy requirements.
Returning from Overseas Exchange	Must have completed Level 2. Also usually Level 2 endorsed with Merit.
Victoria Excellence Scholarships	Students with NCEA Level 2 Certificate Endorsed with Excellence can apply. This scholarship is worth \$5,000 for the first year.
Scholarship	<p>Scholarship provides recognition and monetary reward in some instances to able students in their final year of schooling.</p> <ul style="list-style-type: none"> • Students are assessed against challenging standards and are expected to demonstrate high-level critical thinking, abstraction and generalization and to integrate synthesise and apply knowledge, skills and understanding and ideas to complex situation. • Students enter at the same time as entering for Level 3. They can enter only one subject or several. <p>It can be a very useful opportunity for our able students to see how they measure up against their peers nationally.</p>

Choosing for Year 12

All Year 12 students must study **six** subjects.

These may also be selected from any level on the 'Options Sheet' – from Year 11 courses or Year 13 courses if the timetable structure permits and your abilities and goals are appropriate.

Compulsory Subject - English

All students at this level must participate in a **full year English course**. If students wish to go on to a university, certain Achievement Standards in Level 2 English are required to meet the University Entrance literacy requirements. You need four reading and four writing credits.

Option Subjects - Five

Students should choose FIVE subjects from the Subject Progression Chart to make up a full programme.

In choosing your subjects at this level, it is important to plan ahead:

- If you want to proceed to a full Year 13 Course, choose subjects now which will lead on to courses at that level.
- Be aware of subjects that you may need for your future career so you can try them this year.
- Make sure you choose subjects that will give a good variety and breadth of basic skills required in any course or career. Make sure they are where your skills are –not some mythical idea of what “people should do” to be successful. More specialized skills can then be acquired at tertiary level. There is a danger in specializing too early.

There will be certain pre-requisites required to enter courses in most subjects at this level. This is to prevent students being set up for failure because they have not yet achieved the academic levels required to succeed at Level 2.

Important Note:

When a student enters a course of study, there is an expectation that all achievement/unit standards offered for each subject will be enrolled for and attempted subject to the discretion of the HOF/Dean. Students will be expected to attend all classes in that subject for the whole year unless there is a legitimate reason for absence. They will be expected to participate in all assessments.

It is also important at Year 12 to have good time management and other independent learning skills. All homework and assignments must be completed. Because of the workload, it is useful to have a balance of internal and external assessment ie not all portfolio work. Only 2 Art subjects can be taken at this level to keep breadth in your overall course.

Choosing for Year 13

As there is no research that shows taking fewer subjects increases student levels of achievement, **ALL Year 13 students are expected to take 5 subjects.** These will not necessarily be at Level 3.

Entry to a Level 3 subject is not automatic. Students must have achieved particular pre-requisites so they are just being set up for failure. Some students may not have the work ethic required to achieve at Level 3. Any course chosen must be approved by the Dean.

There are no compulsory subjects at this level. However, students who are still not completely sure of their career interest must cover a range of subjects rather than study too many 'like' subjects. Students also need variety in their day!

Students also have one non-contact spell per day. This is to provide them with the opportunity to develop more fully the independent study skills they will need to succeed at tertiary level.

Students who wish to go on to University are advised to choose five subjects at NCEA Level 3. If you mix Level 3 and Level 2 courses, you may not be able to fulfill the requirements of entrance to University. Checking this in February is a good safeguard. You now need to also achieve the GES (Guaranteed Entry Score).

There is also an opportunity for competent Year 13 students with the motivation to enter NCEA Scholarship exams. You decide this later in the year.

Students in Year 13 who do not wish to go on to university may choose subjects from other year levels to make up an alternative programme.

While some subjects can be begun at this level, others require certain pre-requisites. Please read the individual course pages carefully so you know what these pre-requisites are.

Important Note:

Assessment: When a student enters a course of study, there is an expectation that all achievement/unit standards offered in that subject will be enrolled for and attempted subject to the discretion of the HOF/Dean. Students will be expected to attend all classes in that subject unless there is a legitimate reason for absence. Students will be expected to participate in all internal and external assessments.

A good work ethic, motivation and good time management skills are all necessary requirements for academic success at this level. Please ensure you work out a balanced

Remember

- Keep your subject choices as varied and wide-ranging as possible – especially if you do not yet know in what work direction you are going. **Do not specialise** in one academic area too early. Specialisation into more job-specific courses are more appropriate to tertiary when you are more certain of your career pathway. At school you should be ensuring you have a wide range of **transferable skills** and a firm grasp of the **key competencies**.
- There is **not a hierarchy of subjects**, with some “better” than others. Different subjects cater for different people’s need : some are good at some subjects, some are good at others. The key is to know where **your** strengths are - and to choose subjects that enable you to enjoy learning and to shine.
- Before you choose (especially for Year 13) check out on the internet (information is readily available there) **all possible pre-requisites** for any or every career course you may be thinking of applying for. You need to do the research to ensure you cover the possibilities.
- **If you are good at a language**, do not drop it without thinking carefully. Language study is an excellent way of developing flexible thinking and, as we become more and more integrated into a global world, being at least bi-lingual will be an asset.
- **Mathematics** should not be dropped lightly. It is a pre-requisite for many university and polytechnic courses and careers.
- Keep up your **English** as long as you can – it covers the core transferable skills of written and verbal communication as well as critical and analytical thinking. English is not compulsory in Year 13 and some students should not choose it. However, many universities and courses require English or a writing subject in the first year of science or commerce. Level 2 Literacy is also required for many polytechnic courses.
- Remember that taking general subjects ensures you gain the core skills necessary for the workforce. Knowledge in any particular area is forever changing: it is the skills and key competencies that you develop studying them that are transferable across a whole range of courses and careers.
- Do not choose a subject because your friend/s have chosen it – their talents may be quite different from yours.
- Do not choose subjects just to collect what you see as ‘easy’ credits. Unless you have some challenge, you will not get the satisfaction of achieving well and your interest and focus will wane.
- Many subjects can be started at Level 2/Level 3. Subjects can be chosen at other levels.
- Do not expect to get into a Level 2/3 course if you have not met the pre-requisites as laid down in this booklet. Ie Algebra for L2 Mathematics. The school wishes to set you up for success : to succeed at the next level, you must be at a certain academic standard.
- Too many internals can make for a huge workload and should be avoided.
- Leave time for involvement in other activities both in school and outside. Many of the important transferable skills that employers look for are developed outside the classroom . Success in life is based on more than the academic and many of these are developed through extra-curricular and leadership opportunities.
- **A recent survey identifies these skills as those most valued by employers:**
People skills, verbal and written communication skills, an adaptable, can-do attitude, sound academic achievement, self-motivation, a team player, energetic and enthusiastic, problem solving, analytical and conceptual skills.

Subject Progression Chart

Year 11	Year 12	Year 13
Visual Art	Visual Art	Painting
	Design Photography	Design
		Art History
Computing	Computing	Computing
Drama	Drama	Drama
Economics	Economics	Economics
	Business Studies 12/13	Business Studies 12/13
English*	English*	English
Hospitality	Hospitality	Hospitality
French	French	French
Spanish		
Te Reo Māori		
Geography	Geography	Geography
History	History	History
Mathematics*	Mathematics Statistics	Calculus Statistics and Modelling
Music	Music	Music
Physical Education	Physical Education	Physical Education
Science*	Biology Chemistry Physics	Biology Chemistry Physics
Materials Technology	Materials Technology	Materials Technology Fashion Design

* Compulsory at this level

LEVEL 2 BIOLOGY

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Animal diversity and adaptations.	2.3 Understand adaptations of animals to their way of life.	Written test (1 spell)	Internal	4
Cell structure and cell processes.	2.4 Understand life processes at the cellular level.	Exam	External	4
Genetic mutations mendelian genetics and evolution.	2.5 Understand genetic variation and change.	Exam	External	4
	2.6 Investigate a pattern in an ecological community.		Internal	4
DNA structure and protein synthesis.	2.7 Understand gene expression.	Exam	External	4
Maximum Number of Credits Offered : 20				

Pre-requisites: Students need to have a good written communication skills.
 Students need to have achieved at level 1 in:
 AS90947 – Practical Internal;
 AS90929 – Mammals as Consumers;
 AS90948 – Genetics.
 or at the discretion of the Dean.

Approximate Cost: \$30.00 for workbook

LEVEL 3 BIOLOGY

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Research the biology implications and ideas relating to a current biological issue.	3.2 AS90714 Research a contemporary biological issue.	Research and write essay.	Internal	3
Molecular and Mendelian genetics.	3.3 AS90715 Describe the role of DNA in relation to gene expression.		External	4
Animal and plant behaviour and interactions.	3.4 AS90716 Describe animal behaviour and plant response in relation to environmental factors.		External	4
Evolution and natural selection.	3.5 AS90717 Describe processes and patterns of evolution.		External	3
Cutting edge biotechnological techniques and their current applications.	3.6 AS90718 Describe applications of biotechnological technique.	Written task	Internal	3
Biological and cultural human evolution.	3.7 AS90719 Describe trends in human evolution.		External	3
Maximum Number of Credits Offered: 20				

Pre-requisites: Achievement in all standards Level 2 Biology with Merit in 2.2 and 2.3 preferred. Students need to have a good ability in English.

Approximate Cost: Workbook \$25.00

BUSINESS STUDIES

For students in both Year 12 and 13

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Teams of students set up their own enterprise, with each student focusing on a particular aspect of the business function.	Y.E.S. Certificate	Four specific tasks / reports associated with their business. Y.E.S. exam 1½ hours	Internal External in August	24
Financial Literacy, Goal Setting, Budgeting, Banking, Student Loans	Nil			Nil
Maximum Number of Credit Equivalents Offered: (24)				

Assessment Level: Credit Equivalents at Level 3
 Either all 24 for Y.E.S. Certificate
 Or 10 for Internal components only
 Or 14 for Y.E.S. exam only
 These Level 3 Credit Equivalents can be used at Level 2 if necessary.

Pre-requisites: Nil.

Approximate Cost:

Y.E.S. Registration Fee	\$50.00 per team plus \$15.00 per student
Y.E.S. Exam Fee	\$25.00
Study Guide	\$25.00

Depending on the business the students select, there may also be a requirement for start-up capital. This should be recovered from sales later in the year.

- Note: i) The Credit Equivalents available in this course can be used for university entrance as stated below. However at the time of writing **the YES Certificate is not an approved subject in terms of calculating the Guaranteed Entry Score.**
- ii) The Credit Equivalents can be used to top-up Level 2 or Level 3 NCEA. However, they will not appear on NZQA certificates if the minimum number of credits to achieve the level have been obtained from Approved subjects.

*“Students who have gained literacy and numeracy and 14 Level 3 credits in each of two approved subjects may be considered to have reached the university entrance standard and be admitted **ad eundem statum** at entrance level if they have in addition, either:*

- a) Completed the YES Certificate, or
- b) Completed only the course requirements of the YES Certificate (worth 10 Level 3 credits equivalent to NZIM paper 836) and gained at least 4 further credits at Level 3 or higher from the National Qualification Framework, or a pass in another NZIM paper (worth 10 credits).”

LEVEL 2 CHEMISTRY

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Finding out how much of a material is in a solution.	2.1 Carry out quantitative analysis.	Practical activity with additional mathematics problems.	Internal	4
Bonding, structure and energy changes.	2.4 Describe the nature of structure and bonding in different substances.	Exam	External	5
Organic chemistry	2.5 Describe the structural formulae and reactions of compounds containing selected organic functional groups.	Exam	External	4
Equilibrium, acids and bases.	2.6 Describe thermo chemical and equilibrium principles.	Exam	External	4
Reduction and oxidation.	2.7 Describe oxidation-reduction reactions.	Written assessment.	Internal	3
Maximum Number of Credits Offered: 20				

LEVEL 3 CHEMISTRY

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Practical investigation to find a change in the amount of a chemical.	3.1 AS90694 Carry out an extended practical investigation involving quantitative analysis.	Practical investigation.	Internal	4
Titration.	3.2 AS90695 Determine the composition of an oxidant or reductant by titration	Titration task.	Internal	2
Reduction and oxidation.	3.3 AS90696 Describe oxidation-reduction processes	Written assessment.	External	3
Organic chemistry.	AS90698 Describe the structure and reactions of organic compounds containing selected organic groups	Written assessment.	External	5
Atoms, molecules, solids and energy.	3.4 AS90780 Describe and use thermochemical principles Describe properties of particles and thermo chemical principles.	Written assessment.	External	5
Equilibrium, solubility and acids.	AS90700 Describe aqueous solutions using equilibrium principles	Written assessment.	External	5
Maximum Number of Credits Offered: 24				

Pre-requisites: It is expected that students will have achieved **all** of the Level 2 chemistry standards.

Approximate Cost: \$25.00 Workbook

LEVEL 2 COMPUTING

The Course Outline in the left column represents the content that will be covered at Level 2. The Achievement Standards from the Digital Technologies strand of the Technology Curriculum are at a draft stage at the time of publication of this course booklet. The final version of these standards may affect the course structure slightly. This will be finalised at the beginning of 2012. Assessment will be drawn from the following achievement standards:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Planning and project management concepts	AS2.2 (draft) Select and use planning tools to manage the development of an outcome	Project Internal test Observation	Internal	6
Information systems and how they work especially managing shared information – such things as storage, networks, shared documents etc.	AS 2.40 (draft) Demonstrate understanding of advanced concepts of information systems used to manage shared information	Report (to be confirmed)	External	3
Excel Spreadsheet/Access Database/Word Processing/Desktop Publishing – a mixture of any or all of these applications will be used to explore linking information e.g. mail merge, embedded documents/video etc.	AS 2.41 (draft) Implement advanced procedures to produce a specified digital information outcome with dynamically linked data	Project	Internal	6
Investigating ways that digital media can be used to communicate over a range of technologies and creating a media outcome in response to a particular set of requirements	AS 2.42 (draft) Demonstrate understanding of the advanced concepts of digital media	Test	Internal	4
	AS 2.43 (draft) Implement advanced procedures to produce a specified digital media outcome	Project	Internal	4
User interfaces and designing digital technology outcomes with people in mind	AS 2.11 (draft) Demonstrate understanding of advanced concepts related to human factors in design	Report/Test/ Project (to be confirmed)	Internal	4
Maximum Number of Credits Offered in the Course: 20				

Note: Entry to this class is not guaranteed. Computer classes at this level are restricted to the number of machines available. Allocation of places is up to the discretion of the Dean.

Pre-requisites: Students should ideally have completed Level 1 Computing as many of the concepts in this course are extensions of material covered at Level 1

Approximate Cost: Stationery Charge \$5

LEVEL 3 COMPUTING

The Course Outline in the left column represents the content that will be covered at Level 3. Assessment will be drawn from the NCEA Assessments outlined in the other columns. Assessment will be drawn from the following unit standards:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Using a visual diary, web design principles and digital image production, including digital photography, understanding resolution, scanning and digitizing images. Uses digital camera and Macromedia Fireworks	No specific assessment but image manipulation required to produce websites			
Learn/revise XHTML webpage markup language and styling webpages with cascading style sheets (CSS)	US 25657 Create a website for a stakeholder using a mark-up language	Project	Internal	6
Learn to use Adobe Dreamweaver CS4 to edit and create web content. Understand interactivity – either server-side or client-side scripting to produce dynamic web pages	US 26229 Create an interactive website for a stakeholder using client-side scripting	Internal project	Internal	10
	US 26230 Create an interactive website for a stakeholder using server-side scripting	Internal project	Internal	10
Project management and working to a brief. Planning, implementing, testing and revising to a schedule using a project management tool.	US 5953 Create and monitor a project plan using a computer application	Project	Internal	3
Maximum Number of Credits Offered in the Course: 20				

Note: Entry to this class is not guaranteed. Computer classes at this level are restricted to the number of machines available. Allocation of places is up to the discretion of the Dean.

Assessment Level: Unit Standards (if used) may be drawn from Level 3 or Level 4 standards

Pre-requisites: None None.

Approximate Cost: Stationery Charge \$5

LEVEL 2 DRAMA

The Level 2 Achievement Standards are still in draft form but the course will be similar to what is currently offered.

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
A study of voice, movement, gesture, body language and use of space.	2.1 Apply drama techniques in an improvised group context	Demonstrate acting skills in two improvisations	Internal	2
A study of voice, movement, gesture, body language and use of space.	2.2 Apply drama techniques in a group within a scripted context	Demonstrate acting skills in a scripted context.	Internal	3
A study of the Elizabethan Theatre.	2.4 Apply knowledge of a drama/theatre form or period through performing a role in a presentation	Perform a Shakespearean role.	Internal	5
Creating and developing a character.	2.5 Perform a substantial acting, technical or production role	A scripted performance for an audience.	Internal	5
Writing about drama processes, techniques and performance.	2.6 Apply knowledge of, respond to and make judgments about drama processes and performance		External	5
Approximate Number of Credits Offered: 20				

Pre-requisites: At the discretion of the Drama teacher.

Course costs to student: The class will attend a live theatre production, if available.

Students are required to keep a journal for reflecting on drama processes and performance experiences. The journal provides supporting evidence for internal assessment and forms the basis of study notes for the external written exam.

LEVEL 3 DRAMA

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Communicating a role from a scripted play by using integrated drama techniques.	3.2 AS90608 Interpret scripted text and integrate drama techniques in solo or paired performance.		Internal	5
Devising, planning, writing and then performing a dramatic script.	3.3 AS90609 Devise, script and perform drama for solo, duo or trio performance.		Internal	5
Studying a scripted play and performing a substantial role in a class production.	3.5 AS90611 Research and carry out a performance or technical/production role in a significant production.		Internal	6
The two texts selected are from the prescribed list and can be the texts used in AS90608 and AS90611.	3.4 AS90610 Demonstrate knowledge of theatre form or period by analyzing and interpreting two scripted texts.		External	4
Maximum Number of Credits Offered: 20				

Pre-requisites: At the discretion of the Drama teacher. Preferably have completed Achievement Standard in Level 2.

Course costs to student: The class will attend a live theatre production, if available.

All the internal assessments require a dramatic performance and substantial written supporting evidence.

LEVEL 2 ECONOMICS

Your course will be chosen from the following Achievement Standards:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Use economic models to describe and explain what inflation is, the different types of inflation and the causes and effects of inflation.	ECO 2.1 Analyse inflation using economic concepts and models.		External	4
Use economic models to describe and explain what trade is, how trade is measured, the basis of why trade occurs and the effects of trade	ECO 2.2 Analyse international trade using economic concepts and models.		External	4
Use economic models to describe and explain what growth is, how growth is measured and the causes and effects of growth.	ECO 2.3 Analyse economic growth using economic concepts and models.		External	4
Use economic models to describe and explain what unemployment is, how it is measured and the causes and effects of unemployment.	ECO 2.4 Analyse unemployment using economic concepts and models.		Internal	4
Processing and presentation of statistical data including making generalizations, drawing conclusions and making a justified forecast in relation to given economic issues.	ECO 2.5 Analyse statistical data relating to contemporary economic issues.		Internal	4
Describing how government policies are intended to achieve economic objectives related to the given issues, and the effects of these policies on other economic issues.	ECO 2.6 Analyse how government policy and contemporary economic issues interact.		Internal	6
Maximum Number of Credits Offered: 18				

Pre-requisites:

While Year 11 Economics would be useful, it is not a prerequisite for this course. Entry at discretion of Economics teacher/Dean.

Approximate Costs:

Workbook	\$30.00
Revision Guide	\$10.00

LEVEL 3 ECONOMICS

Your course will be chosen from the following Achievement Standards:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Describe the behaviour of firms. Use marginal analysis to derive and analyse supply, demand and equilibrium of firms.	ECO 3.1 AS90629 Understand marginal analysis and behaviour of firms.		External	5
Use economic models and theory to describe an economic problem, to identify allocative efficiency and how the market responds to change.	ECO 3.2 AS90630 Describe an economic problem, allocative efficiency and market responses to change.		External	4
Aggregate supply and demand models to describe economic activity and the influences on the N.Z. economy.	ECO 3.4 AS90632 Describe aggregate economic activity		External	6
Application of economic theory from 3.1 and 3.2 to a specified situation.	ECO 3.5 AS90778 Collect and process information, and carry out an economic analysis.	Application of elasticity of demand theory to canteen pricing decisions. Research and data collection and written report.	Internal	5
Maximum Number of Credits Offered: 20				

Pre-requisites: Although NCEA Level 2 Economics would be very helpful, it is not a prerequisite for this course. However if you have failed to achieve in Level 2 Economics, entry to this course may be denied.

Approximate Costs: Workbooks x 2 \$40.00

Note: The course content may change depending on the make-up of the class.

LEVEL 2 ENGLISH

The course in 2012 will be chosen from the following Achievement Standards.

Course Outline	NCEA Assessment	Type	Assessment Type	Credits
Written text study (Shakespearean drama or Poetry)	AS 2.1 Analyse specified aspect(s) of studied written text(s), supported by evidence	External	Literary essay on one topic from a selection of questions	4
Film study	AS 2.2 Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence	External	Literary essay on one topic from a selection of questions	4
Written communication skills	AS 2.4 Produce a selection of crafted and controlled writing	Internal	At least two pieces of crafted and controlled writing selected from a portfolio of work	6
Oral communication skills	AS 2.5 Construct and deliver a crafted and controlled oral text	Internal	Persuasive speech of at least 4 minutes	3
Wide personal reading	AS 2.9 Form developed personal response to independently read texts, supported by evidence.	Internal	6 written responses on a selection of personal reading	4
Maximum credits offered: 21				

Pre-requisites: 10 credits at NCEA Level 1 including at least 1 external standard or at the discretion of the Head of Faculty.

Approximate costs: Nil

LEVEL 3 ENGLISH

The course in 2012 will be composed of the following Achievement Standards.

COURSE OUTLINE	ACHIEVEMENT STANDARDS	TYPE	ASSESSMENT TASK	CREDITS
Extended text study	3.2 AS90721 Respond critically to written text(s) studied.	External	Literary essay on one topic from a selection of questions	3
Shakespearean drama text study	3.3 AS90722 Respond critically to Shakespearean drama studied.	External	Literary essay on one topic from a selection of questions	3
Visual text study	3.4 AS90723 Respond critically to oral or visual text studied.	External	Literary essay on one topic from a selection of questions	3
Written communication skills: writing in a particular style for selected audiences	3.1 AS90720 Produce an extended piece of writing in a selected style	Internal	A developed and crafted piece of writing selected from a portfolio of work	4
Oral communication skills: seminar presentation	3.6 AS90725 Construct and deliver an oral presentation	Internal	Oral presentation of at least 6 minutes on a literature topic	4
Research skills: investigating themes across literature	3.7 AS90726 Complete independent research on a language or literature topic and present conclusions in writing	Internal	Written report presenting conclusions and judgements across a series of texts	4
Maximum Number of Credits Offered: 21				

Pre-requisites: 12 credits at NCEA Level 2 including 2 **external** standards or at the discretion of the Head of Faculty.

Approximate costs: Nil

LEVEL 2 HOSPITALITY

The Standards the course may be chosen from are :

COURSE OUTLINE	UNIT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Extension of the Level 1 course for those considering a career in the hospitality / catering industry.	US 167 Practice food safety methods in a food business (prerequisite for all cookery Level 2 courses).	HSI workbook and compulsory practical component	Internal	4
	US 13285 Handle and maintain knives in a commercial kitchen.	HSI workbook and compulsory practical component	Internal	2
	US 13276 Prepare and cook food by grilling in a commercial kitchen.	HSI workbook and compulsory practical component	Internal	2
	US 13283 Prepare and present salads for service in a commercial kitchen.	HSI workbook and compulsory practical component	Internal	2
	US 13280 Prepare fruit and vegetable cuts.	HSI workbook and compulsory practical component	Internal	2
	US 13281 Prepare and present basic sandwiches for service.	HSI workbook and compulsory practical component	Internal	2
	US 13272 Cook foods by baking.	HSI workbook and compulsory practical component	Internal	2
	US 22234 Compare characteristics of international dishes and prepare and present international dishes.	HSI workbook and compulsory practical component	Internal	4
	US 14425 Prepare and serve hot and cold non-alcoholic drinks	HSI workbook and compulsory practical component	Internal	2
Maximum Number of Credits Offered: 20				

Pre-requisites: Year 11 Hospitality or by a discussion with Mrs Macfarlane.

Practical Materials: \$180.00 per year billed in two portions – Term 2 and 3 accounts.

Workbook Costs: Approximately \$60.00

LEVEL 3 HOSPITALITY

The following standards will be covered at Level 3.

COURSE OUTLINE	UNIT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Term 1	US 15624 Provide food for two people with significantly different food needs.	Practical work and written assignment	Internal	5
Term 2 & 3	6648 Prepare, plan and serve food for a special occasion.	HSI workbook and compulsory practical component	Internal	4
Term 2 & 3	15627 Demonstrate creativity in meal preparation and presentation.	HSI workbook and compulsory practical component	Internal	6
Term 3 & 4	Provide nutritious food for a person with altered food needs.	Practical work and written assignment	Internal	5
Maximum Number of Credits Offered: 20				

Pre-requisites: Year 12 Hospitality or by a discussion with Mrs Macfarlane.

Approximate Cost: \$200.00 per year billed in two portions – Term 2 and 3 accounts.
It may be necessary for the students to provide their own presentation material, for example, coloured plates, tablecloths, to enhance the presentation of their food.

NB: The credits students achieve from this course will not be included in the credits students add up for their university entrance.

LEVEL 2 FRENCH

The course will be chosen from the following:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Listening	2.1 Demonstrate understanding of a variety of spoken French texts on familiar matters.	External examination	External	5
Speaking	2.2 Give a spoken presentation in French that communicates information, ideas and opinions.	Recorded speech	Internal	4
Conversation	2.3 Converse in French in a less familiar context.	Recorded conversation with teacher	Internal	3
Reading	2.4 Demonstrate understanding of a variety of written/visual French texts on familiar matters.	External examination	External	5
Writing	2.5 Write a variety of text types in French for genuine contexts.	Portfolio of writing examples	Internal	5
Maximum Number of Credits Offered: 22				

Approximate Costs:

Renash Booklet	\$10.00
Vocabulary and Structures Level 2	
Language Perfect	\$10.00

Prerequisites: 12 credits of NCEA Level 1 or at the discretion of HOF.

LEVEL 3 FRENCH

The course will be chosen from the following:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Listening	31. AS90558 Listen to and understand complex spoken French in less familiar contexts	External examination	External	6
Speaking	3.2 AS90559 Give a prepared speech in French, using complex language.	Recorded speech	Internal	3
Conversation	3.3 AS90560 Converse in French using complex language in less familiar contexts	Recorded conversation with teacher	Internal	3
Reading	3.4 AS90561 Read and understand written French, containing complex language, in less familiar contexts	External examination	External	6
Writing	3.5 AS90562 Write text in French, using complex language on a less familiar topic	External examination	External	3
Maximum Number of Credits Offered: 21				

Approximate Costs:

Renash Booklet	\$10.00
Vocabulary and Structures Level 3	
Language Perfect	\$10.00
(Vocabulary Website)	

Prerequisites: 12 credits of NCEA Level 2 or at the discretion of the HOF.

LEVEL 2 GEOGRAPHY

The course will be a selection of the following Achievement Standards:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Tongariro National Park	2.1 AS90331 Demonstrate geographical understanding of a large natural environment.		External	4
New York	2.2 AS90332 Demonstrate a geographic understanding of an urban population.		Internal	3
Analysis of a variety of resources, geographic ideas and construction of maps, diagrams and graphs.	2.4 AS90334 Concepts and geographical skills to demonstrate an understanding of a given environment.		External	4
Research in the Tongariro National Park.	2.5 AS90335 Conduct guided geographic research with guidance.	Fieldwork – Tongariro National Park.	Internal	5
A Study of a Global Pattern eg. Aids	2.2 AS90337 Explain aspects of a geographical topic at a global scale.	Understanding patterns, processes and significance of the topic for people.	Internal	3
Maximum Number of Credits Offered: 19				

You will be advised in advance when each assessment will be carried out and what the assessment policies of the school and this department are.

Assessment Levels: Level 2 Achievement Standards

Pre-requisites: A minimum of 12 credits in Level 1 Geography. Two external standards should be passed, one of which is skills. Interested students without these pre-requisites will be considered on their merit by the HOF.

Approximate Costs: Workbook \$25.00
3 Day Fieldwork Trip to Tongariro National Park \$250.00

LEVEL 3 GEOGRAPHY

The course will be a selection of the following Achievement Standards:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Hutt River Catchment.	3.1 AS90701 Analyse natural processes in the context of a geographic environment		External	4
Tourism N.Z. – Rotorua / Waitomo Overseas – Gold Coast Australia	3.2 AS90702 Analyse a cultural process		External	4
Analysis of a variety of resources, construction of maps, diagrams and graphs and geographic ideas.	3.4 AS90704 Select and apply skills and ideas in a geographic context		External	4
Hutt River Catchment.	3.5 AS90705 Carry out and present geographic research with consultation	Hutt River Fieldwork.	Internal	3
Human Trafficking: Slavery in our Midst.	3.6 AS90706 Analyse a contemporary geographic issue and evaluate courses of action	Viewpoints relating to issue and evaluating courses of action and making a recommendation.	Internal	3
A Study of a Global Pattern	3.7 AS90707 Analyse a geographic topic at a global scale.	Patterns and processes within a geographic topic at a global scale and how they are significant for people.	Internal	3
Maximum Number of Credits Offered: 21				

You will be advised in advance when each assessment will be carried out and what the assessment policies of the school and this Faculty are.

Pre-requisites:

A minimum of 12 credits in Level 2 Geography. Two external standards should be passed, one of which is skills. Interested students without these pre-requisites will be considered on their merit by the HOF.

Approximate Costs:

Workbook	\$25.00
4 or 5 Day fieldwork trip to Rotorua	\$500.00

LEVEL 2 HISTORY

The course will be a selection of the following Achievement Standards:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Individual Research e.g. local historic building.	2.1 Carry out a planned inquiry of an historical event, or place, of significance to New Zealanders.	Research folder.	Internal	4
	2.2 Examine an historical event, or place, of significant to New Zealanders.	Brochure	Internal	5
Skills developing the ability to interpret unseen sources.	2.3 Examine sources of an historical event of significance to New Zealanders.	Resource Based Questions	External	4
Skills in developing a clear understanding of different peoples points of view to a specific event in a historical context.	2.4 Interpret different perspectives of people in an historical event of significance to New Zealanders.	In-class test (1-2 Spells – approx one hour)	Internal	5
Developing Essay Skills using the following topics: 1. Conflict in Indo-China- The Vietnam War. 2. Gandhi and his contribution to the independence of India.	2.6 Examine causes and consequences of a significant historical event.	Essay	External	5
Maximum Number of Credits Offered: 23				

Pre-requisites: It is preferred that students have gained 12 credits at Level 1 History. History can also be started at this level. At the discretion of the Dean

Approximate Costs: Workbook \$17.00

LEVEL 3 HISTORY

The course will be a selection of the following Achievement Standards:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Presenting independent research e.g. a social issue in Tudor-Stuart England 1558-1667.	3.2 AS90655 Communicate historical ideas and understandings	Text book chapter	Internal	5
Skills developing the ability to interpret sources in the context of Tudor-Stuart England.	3.3 AS90656 Analyse and evaluate evidence in historical	Resource based questions	External	5
Developing Essay Skills in the context of Tudor-Stuart England, including the following topics: - Economy and society - Government and politics - Revolution, Republic and Restoration	3.4 AS90657 Examine a significant decision made by people	Essay	External	5
	3.5 AS90658 Examine a significant situation in the context of change, in an essay	Essay	External	5
Maximum Number of Credits Offered: 20				

Pre-requisites:

- 12 Credits in History at NCEA Level 1
- Or 12 Credits in History NCEA Level 2 including one of 90465 or 90470 (Writing an Essay)
- Or Appropriate NCEA English Level 2 credits with special permission from the Dean.

Approximate Costs:

Workbook \$27.00

LEVEL 2 MATHEMATICS

This is a course for students who have a strength and interest in algebra and calculus. Students taking this course will be able to continue on to the Statistics and Modelling course at Level 3 and the Mathematics with Calculus course at Level 3. Students selecting physics or chemistry must do this mathematics course. This course will be chosen from a selection of the following achievement standards.

Course outline	Achievement standards	Assessment task	Type	Credits
Features and applications of parabolas, cubics, hyperbolas, exponential, log and trig graphs.	AS 2.2 Apply graphical methods in solving problems.	Summative test.	Internal	4
Using triangle trigonometry to determine angle sizes, side lengths and areas.	AS 2.4 Apply trigonometric relationships in solving problems.	Summative test.	Internal	3
Algebraic manipulation and solving linear, quadratic and exponential equations.	AS 2.6 Apply algebraic methods in solving problems.	Formative test. Summative exam.	External	4
Using methods related to derivatives, anti-derivatives, gradient functions and rate of change.	AS 2.7 Apply calculus methods in solving problems.	Formative test. Summative exam.	External	5
Probability from tables, probability trees and normal distribution.	AS 2.12 Apply probability methods in solving problems.	Formative test. Summative exam.	External	4
Using methods associated with solving equations.	AS 2.14 Apply systems of equations in solving problems.	Summative test.	Internal	2
Max number of credits offered: 22				

Prerequisites: Students must have gained at least 2 merits in their mathematics externals including one of AS 1.2 (algebra) and AS 1.3 (graphing) and achieved at least 14 credits overall from the new achievement standards offered at Level 1 in 2011.

Approximate costs: Non textbook materials \$25.00
Graphic calculator \$130.00

LEVEL 2 MATHEMATICS WITH STATISTICS

This is a course for students who have a strength and interest in statistics and do not require the high level of algebra and calculus present in the Mathematics course. Students taking this course will be able to continue on to the Statistics and Modelling course at Level 3 but not the Mathematics with Calculus course at Level 3. This course will be chosen from a selection of the following achievement standards.

Course outline	Achievement Standards	Assessment Task	Type	Credits
Features and applications of parabolas, cubics, hyperbolas, exponential, log and trig graphs.	AS 2.2 Apply graphical methods in solving problems.	Summative test.	Internal	4
Design and evaluate a questionnaire.	AS 2.8 Design a questionnaire	Project based.	Internal	3
Selecting a random sample and making conclusions about the population.	AS 2.9 Use statistical methods to make an inference.	Summative test.	Internal	4
Discuss the results of a survey by being familiar with population measures, variables and sampling.	AS 2.11 Evaluate a statistically based report.	Project based.	Internal	2
Probability from tables, probability trees and normal distribution.	AS 2.12 Apply probability methods in solving problems.	Formative test. Summative exam.	External	4
Designing a simulation and communicating findings.	AS 2.13 Investigate a situation using a simulation.	Summative test.	Internal	2
Using methods associated with solving equations.	AS 2.14 Apply systems of equations in solving problems.	Summative test.	Internal	2
Maximum number of credits offered: 21				

Approximate costs:

Non textbook materials	\$25.00
Graphic calculator	\$130.00

Prerequisites: Students must have achieved at least 10 mathematics credits from the new achievement standards offered at Level 1 in 2011.

LEVEL 3 CALCULUS

This course will be chosen from a selection of the following achievement standards.

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
The study of differential techniques and application.	3.1 AS90635 Differentiate functions and use derivatives to solve problems	Formative tests. Summative exam.	External	6
Study of integration techniques and applications.	3.2 AS90636 Integrate functions and use integrals to solve problems	Formative tests. Summative exam.	External	6
The study of trigonometry graphs, identities and applications.	3.3 AS90637 Solve problems and equations involving trigonometric functions	Summative assessment.	Internal	4
The study of complex numbers and polynomials and De Moivre's Theorem.	3.4 AS90638 Manipulate complex and real numbers and solve equations	Formative tests. Summative exam.	External	5
The study of conic sections in standard and parametric form.	3.5 AS90639 Sketch graphs of conic sections and write equations related to conic functions	Formative tests. Summative exam.	External	3
Maximum Number of Credits Offered: 24				

Approximate Costs:

Workbook	\$25.00
Graphic Calculator	\$130.00

Prerequisites: Merit passes in AS 2.3 (Calculus) and AS 2.1 (Algebra).

LEVEL 3 STATISTICS AND MODELLING

This course will be chosen from a selection of the following achievement standards.

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Using spreadsheets to graph time series data and making forecasts.	3.1 AS90641 Determine the trend for time series data	Summative task using computer.	Internal	3
Providing estimates for populations parameters from a sample.	3.2 AS90642 Calculate confidence intervals for population parameters	Formative test. Summative exam.	External	3
Solving experimental and theoretical probability problems.	3.3 AS90643 Solve straight forward problems involving probability	Formative test. Summative exam.	External	4
Solving linear and non-linear equations.	3.4 AS90644 Solve equations	Formative test. Summative exam.	External	4
Using spreadsheets to undertake a statistical investigation.	3.5 AS90645 Select and analyse continuous bi-variate data	Summative task using computer.	Internal	3
Calculating probability for normal, binomial and Poisson distribution.	3.6 AS90646 Use probability distribution models to solve straightforward problems	Formative test. Summative exam.	External	4
Using spreadsheets to formulate models for experimental data.	3.7 AS90647 Use a mathematical model involving curve fitting to solve a problem	Summative task using computer.	Internal	3
Maximum Number of Credits Offered: 24				

Approximate Costs:

Workbook: \$25.00

Graphic Calculator: \$130.00

Prerequisites:

At least 10 Level 2 Mathematics credits.

LEVEL 2 MUSIC

A selection of Achievement Standards will be chosen from the following.

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
The unit outlines for these Standards have yet to be confirmed due to the realignment of Standards being still in draft form.	2.1 Perform two substantial pieces of music as a featured soloist.	Public performance.	Internal	6
	2.2 Perform a substantial piece of music as a features soloist on a second instrument.	Public performance.	Internal	3
	2.3 Demonstrate ensemble skills by performing a substantial piece of music as a member of a group.	Public performance.	Internal	4
	2.4 Compose two substantial pieces of music.	Compose pieces of music.	Internal	6
	2.5 Demonstrate aural skill through written representation.	Examination.	External	4
	2.6 Demonstrate knowledge of conventions in a range of music scores.	Examination.	External	4
	2.7 Demonstrate understanding of two substantial contrasting music works.	Study two contrasting music works.	Internal	6
	2.8 Devise an instrumentation for an ensemble.	Use computer software to create an instrumentation.	Internal	4
	2.9 Investigate an aspect of New Zealand music.	Research project.	Internal	4
Maximum Number of Credits Offered: 20				

Achievement Standards: A selection of achievement standards will be offered from this list.

Approximate Cost: \$35.00 Student Aural Handbook.

Pre-requisites: Level 1 Music or at the discretion of the teacher in charge of Music.

LEVEL 3 MUSIC

A selection of Achievement Standards will be chosen from the following:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Students organise, rehearse and perform a programme of music as a member of a group.	AS90526 Present a programme of music as a member of a group.	Public performances.	Internal	4
Explore performance skills and techniques for public performances.	AS90776 Prepare and present performances of music as a featured soloist.	Public performances.	Internal	8
Study compositional techniques and compose a range of works for a portfolio.	AS90775 Present a portfolio of musical composition.	A composition portfolio.	Internal	6
Develop aural and notation skills.	AS90777 Demonstrate aural skill across a range of musical styles and genres.	Exam	External	4
Exploring the influences on the creation of an influential musical work.	AS90497 Examine the contexts that influence the expressive qualities of music.	A variety of written and oral assessment tasks.	Internal	3
Examining important music works both overseas and NZ repertoire.	AS90498 Compare and contrast music works.	A variety of written and oral assessment tasks.	Internal	4
Analysis of musical scores and harmony.	AS90530 Demonstrate an understanding of harmonic and tonal procedures in a range of music.	Exam.	External	3
Arranging existing music works into new styles.	AS90527 Arrange music.	An arrangement portfolio.	Internal	4
Maximum Number of Credits Offered: 20				

Pre-requisites: Level 2 Music or at the discretion of the teacher in charge of Music.

Approximate Cost: \$35.00 Student Aural Handbook.

LEVEL 2 PHYSICAL EDUCATION

This course will be selected from the following Achievement Standards

COURSE OUTLINE	NCEA ASSESSMENT	POSSIBLE CONTEXT FOR LEARNING	ASSESSMENT TASK	CREDITS
The unit outlines for these achievement standards have yet to be confirmed due to the realignment of standards being in draft form.	2.1 Demonstrate understanding of the role and significance of physical activity in the lives of young people in New Zealand.	Researching the role and significance of physical activity in the lives of young people and reporting back their findings.	Written assessment In and out-of-class work.	3
	2.2 Demonstrate understanding of how biophysical principles relate to the learning of physical skills.	Triathlon Rock climbing Volleyball	Practical and written tasks.	5
	2.3 Demonstrate understanding of the application of biophysical principles to training for physical activity.	Participating in an exercise programme	Practical and written tasks.	4
	2.4 Perform a physical activity in an applied setting.	Triathlon Rock climbing	Practical	4
	2.5 Demonstrate understanding of the significance for self, others and society of a sporting event, physical activity or festival.	Students may choose a particular physical activity, event or festival to research and report back on.	Written assessment In and out-of-class work.	4
	2.6 Demonstrate understanding of leadership strategies that contribute to the effective functioning of a group.	Studying team dynamics and how to get the best out of the team.	Practical and written tasks.	4
	2.7 Demonstrate understanding of the application of risk management strategies to a challenging outdoor activity.	Outdoor Education Triathlon	Practical and written tasks.	3
	2.8 Consistently demonstrate social responsibility through application of a social responsibility model in physical activity.	Various physical activities	Practical and written tasks.	3
	2.9 Demonstrate understanding of the implementation and outcomes(s) of a physical activity event or opportunity.	Students will work in small groups to plan and implement their chosen physical activity or event.	Practical and written tasks.	3
	2.10 Demonstrate understanding of group processes in physical activity.	To be confirmed	To be confirmed	3
Maximum number of credits offered: 18-21				

Full participation in practical and theory sessions throughout the year is compulsory.

The course is fully internally assessed (there is no external examination at the end of the year).

Approximate cost: External Providers/Overnight camp/Activity Day \$120
Workbook \$ 26

Pre-requisite: 11 credits from Level 1 Physical Education (or at the discretion of the HOF if the student has not participated in Level 1 Physical Education)

LEVEL 3 PHYSICAL EDUCATION

This course will be selected from the following Achievement Standards

COURSE OUTLINE	NCEA ASSESSMENT	POSSIBLE CONTEXT FOR LEARNING	ASSESSMENT TASK	CREDITS
Students research and plan an itinerary or programme for an experience.	3.1 90739 Apply knowledge to plan a physical activity programme or experience.	Sea kayaking	Written Assignment	3
Students review the planning process from 3.1 and how they developed personally in relation to their physical, mental and emotional, social and spiritual well-being.	3.2 90740 Explain, with evidence, the effectiveness of a physical activity programme and its influence on hauora/well-being.	Sea kayaking	Written evaluation Log/Diary	3
Students analyse their technique and skill level of a particular activity. They attempt to improve their skill level and review how they did.	3.3 90741 Appraise performance and review a programme for performance improvement for self or others.	Golf	Written Assignment Ongoing practice Coaching	5
Students perform a physical activity to nationally developed performance standards.	3.4 90742 Perform a physical activity to nationally developed performance standards.	Golf	Practical Assessment	4
Students study the effect of sport or physical activity on society. Who gains and who loses.	3.5 90743 Examine a current physical activity event or trend or issue impacting on New Zealand society.	Sport and Society	Essay This Ach. Std is not offered in 2011	4
Students will survey the activity levels of year 7 & 8 and decide how they can give them opportunities to be more physically active. They provide these opportunities and then review the effect it had on the students.	3.6 90744 Critically examine physical activity and take action to influence the participation of others.	Physical activity promotion for year 7 & 8	Written assignment Practical instruction	5
Maximum number of credits offered: 18-21				

Full participation in practical and theory sessions throughout the year is compulsory. The course is fully internally assessed (there is no external examination at the end of the year).

Approximate cost: External Providers/Overnight camp/Activity Day \$300

Pre-requisite: 11 credits from Level 2 Physical Education (or at the discretion of the HOF if the student has not participated in Level 2 Physical Education)

LEVEL 2 PHYSICS

COURSE OUTLINE	ACHIEVEMENT STANDARDS	TYPE	CREDITS
Design, carry out and fully write up a practical.	Physics 2.1 90252 Carry out a practical physics investigation that leads to a non-linear mathematical relationship.	Internal	4
Study light and waves	Physics 2.3 90254 Demonstrate understanding of wave phenomena	External	4
Learn about forces, motion and energy.	Physics 2.4 90255 Demonstrate understanding of mechanics	External	6
Understand about how atoms behave while they break down in radioactive decay.	Physics 2.5 90256 Demonstrate understanding of atoms and radioactivity	Internal	3
Electricity and magnetism.	Physics 2.6 90257 Demonstrate understanding of electricity and electromagnetism	External	6
Maximum Number of Credits Offered: 23			

Co-requisites: Level 2 Mathematics

Pre-requisites: Level 1 - Demonstrate understanding of aspects of electricity and magnetism - 90937.
 Level 1 - Demonstrate understanding of aspects of mechanics - 90940.
 Level 1 - Algebra or at the discretion of the HOF.

Approximate Cost: \$20.00 Workbook

LEVEL 3 PHYSICS

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Design, carry out and fully write up a practical.	3.1 AS90774 Carry out a physics practical investigation with guidance that leads to a mathematical relationship	Physical investigation	Internal	5
Study sound and light waves.	3.3 AS90520 Demonstrate understanding of wave systems	Exam	External	4
Learn about circular motion forces and energy	3.4 AS90521 Demonstrate understanding of mechanical systems	Exam	External	6
Study the behaviour of atoms	3.5 AS90522 Demonstrate understanding of atoms, photons and nuclei	Exam	External	3
Learn about electricity and Magnetism	3.6 AS90523 Demonstrate understanding of electrical systems	Exam	External	6
Maximum Number of Credits Offered: 24				

Pre-requisites:

It is expected that students entering Level 3 Physics will have achieved all the level 2 external standards.

Approximate Cost:

\$20.00 Workbook

LEVEL 2 TEXTILES TECHNOLOGY

Summary of Standards the course may be chosen from:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
<p>The Level 2 course will build upon the students practical sewing and patternmaking skills as well as advancing their fashion design abilities.</p> <p>The students will be encouraged to enter national fashion competitions.</p>	2.33 Use the characteristics of a design movement or era to inform own design ideas.	Design portfolio.	Internal	3
	2.35 Develop a product design through graphics practice.	Design portfolio.	Internal	6
	2.26 Make advanced adaptations to a pattern to change the structural and/or style features of a design.	Finished altered pattern and supporting work.	Internal	4
	2.2 Select and use planning tools to manage the development of an outcome.	Finished garment and supporting planning.	Internal	6
	2.10 Demonstrate understanding of sustainability in design.	Report	External	4
Maximum Number of Credits Offered: 23				

Pre-requisite: Year 11 Textiles or by discussion with Ms Graham.

Approximate Cost: Students will be expected to buy their own fabric, pattern and notions for their garments.
\$30.00 cost for calico and extra resources.

Level 3 TEXTILES TECHNOLOGY

Summary of Standards the course may be chosen from:

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Students are encouraged to explore and investigate new ideas while thinking creatively and work independently on a client based project to create a suitable product. Students will use their planning, analyzing and thinking tools they have developed from Year 11 and 12. Students will also expand their creativity and design skills as well as working on practical projects.	AS90620 Develop a one off solution to address a client issue.	Portfolio and finished garment.	Internal	8
	AS90687 Demonstrate skills in materials technology.	Portfolio and finished garment.	Internal	4
	AS90613 Develop a conceptual design to address a client issue.	Portfolio and finished garment.	Internal	8
Maximum Number of Credits Offered: 20				

Pre-requisites: Technology at Year 11 and/or 12.

Approximate Cost: Students will be expected to buy their own fabric, pattern and notions for their garments.
\$30.00 charge for calico and extra resources.

LEVEL 2 VISUAL ART

The Visual Art course at Year 12 covers a range of disciplines and media. This includes drawing, mixed-media and painting. Digital photography is used increasingly as a drawing tool. Art practice is based on the study of relevant art and artists and extended into original work.

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Drawing, using wet and dry media.	2.2 Use drawing methods to apply knowledge of conventions appropriate to painting.	Produce a body of practical work.	Internal	4
Drawing, using wet and dry media. Painting and looking at art works by established artists.	2.3 Develop ideas in a related series of drawings appropriate to established painting practice.	Produce a body of practical work.	Internal	4
Developing drawing and painting skills for a 2 panel portfolio.	2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.	Produce a 2-panel folio.	External	12
Maximum Number of Credits Offered: 20				

Pre-requisite: Year 11 Art or with the discretion of the H.O.F.

Approximate Cost: Art Materials approximately \$70.00
Folio, tape and colour printing \$29.00

LEVEL 2 PHOTOGRAPHY

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
<ul style="list-style-type: none"> • Look at photography artist models and conventions. • Learn how to operate a digital camera and print photographs. 	2.2 Use drawing methods to apply knowledge of conventions appropriate to photography.	Produce a body of practical work.	Internal	4
<ul style="list-style-type: none"> • Look at established photography practice. • Photoshop manipulation. • Developing ideas and printing. 	2.3 Develop ideas in a related series of drawings appropriate to established photography practice.	Produce a body of practical work.	Internal	4
<ul style="list-style-type: none"> • Develop photography skills further and produce work to fill a 2-panel portfolio. 	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography.	2-panel folio.	External	12
Maximum Number of Credits Offered: 20				

Pre-requisite:

Year 11 Art or with the discretion of the HOF.
 This is an intensive year's programme and students must have an enthusiasm for photography.

Approximate Cost:

Printing Costs \$150.00.
 It is essential that all students have their own good quality digital camera.
 Materials including folio and tape. \$65.00 (approx)

LEVEL 3 ART HISTORY

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Describing a range of art media and processes and comparing the effects of media and processes on artworks	AS90492 Examine media and processes in art. .	Written task.	Internal	3
Describe the context of a specific art movement and its evidence in selected art works.	AS90495 Examine the context of an art movement.	Written exam	External	4
Outlining a theory related to art and demonstrating how the theory is applied in artworks.	AS90493 Explain a theory and its role in art.	Written task.	Internal	4
Identifying iconographical motifs in art and explaining the meanings conveyed through those iconographical motifs.	AS90491 Interpret iconography in art.	Written exam.	External	4
Identifying characteristics of style in selected artworks and distinguishing between the styles of selected artists, periods or movements.	AS90490 Analyse style in art.	Written exam.	External	5
Maximum Number of Credits Offered: 20				

Approximate Cost: Renaissance Workbook \$25.00

There are no pre-requisites to this subject but it is helpful to have an interest in History, English or the Visual Arts.

Students will learn to use the generic skills of History of Art including:

- Research, analysis, interpretation and presentation of information in a variety of forms.
- Understanding and using appropriate art terminology.
- Using analysis to recognize art styles, techniques and formal and expressive properties of art.
- Interpreting signs and symbols.
- Understanding the role of society in art and values attached to art.

Three different subject options will be studied and a combination of internal and external Achievement Standards will be offered.

LEVEL 3 PAINTING

This course involves specialised study in painting and requires the following:

- Use of drawing as the central means of generating, analyzing, clarifying and regenerating ideas.
- A systematic approach to relating and evaluating ideas and methods in the production of work.
- Use of ideas and methods which are founded in recent and established practice in the production of original work.

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Drawing and Painting.	3.2 AS90663 Investigate and use ideas and methods in the context of a drawing study in painting.	Produce a body of work.	Internal	6
Developing Drawing and Painting skills for a 3-panel portfolio.	3.3 AS90667 Produce original work within painting to show extensive knowledge of art making methods and ideas.	Portfolio. (3 panels)	External	14
Maximum Number of Credits Offered: 20				

Pre-requisites: Year 11 Art, Year 12 Art or Photography or Design.

Approximate Cost:

Art Materials approximately	\$90.00
Printing Costs	\$25.00
Folio and tape	\$17.00

LEVEL 2 DESIGN

This course involves specialised study in Design. Students research established design practice and use this knowledge to problem solve in their chosen design theme. Design computer software is used in rendering work for final presentation.

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
<ul style="list-style-type: none"> • Learn computer programmes. • Artist model research. • Logo and business card design. 	2.2 Use drawing methods to apply knowledge of conventions appropriate to design.	Produce a body of work.	Internal	4
<ul style="list-style-type: none"> • Generating and developing work for a specific design project. 	2.3 Develop ideas in a related series of drawings appropriate to established design.	Produce a body of work.	Internal	4
<ul style="list-style-type: none"> • Developing drawing and design skills for a folio. 	2.4 Produce a systematic body of work that shows understanding of art making conventions and ideas within design.	2 panel portfolio.	External	12
Maximum Number of Credits Offered: 20				

Pre-requisites:

Year 11 Art or with the discretion of the HOF.

Approximate Cost:

Colour Printing	\$100.00
Art Materials approximately	\$36.00
Folio and tape	\$14.00

LEVEL 3 DESIGN

This course involves specialised study in Design. Students research established design practice and use this knowledge to problem solve in their chosen design theme. Design software is used in rendering work for final presentation. .

COURSE OUTLINE	ACHIEVEMENT STANDARDS	ASSESSMENT TASK	TYPE	CREDITS
Drawing and design brand identity skills.	3.2 AS90516 Investigate and use ideas and methods in the context of a drawing study in design.	A body of work.	Internal	6
Developing drawing and design skills for a folio.	3.3 AS90517 Produce original work within design to show extensive knowledge of art making methods and ideas.	3 panel portfolio.	External	14
Maximum Number of Credits Offered: 20				

Pre-requisites:

Year 12 Design, Photography or Art. Year 11 Art OR at the discretion of the HOF.

Approximate Cost:

Colour Printing	\$150.00
Art Materials approximately	\$36.00
Folio and tape	\$17.00

The Process for Subject Selection

