



GLENDOWIE COLLEGE

SUBJECT INFORMATION BOOKLET

SENIOR

(Years 11, 12 and 13)

2012

From the Principal

This booklet contains important information on each of the subjects offered within our senior school curriculum and is a valuable resource for student, teachers and parents.

I encourage you to consult widely and plan carefully when it comes to choosing your subjects in the senior school. The choices you make need to be realistic in relation to your academic level and most importantly they need to be aligned with your career or further study goals. Our Careers Advisor, David James, all the subject teachers, Faculty Managers, Heads of Departments, your form teachers and the Deans are available to discuss your option choices. Parents are most welcome to consult with these members of staff.

Many of you will already have an idea of your probable course of study, whereas others may be confused. If you fall into the latter category, then it is important to keep a broad base of traditional 'core' subjects as long as possible (eg English, Mathematics, Science). It is also important to remember that while we hope to satisfy each student with their subject choices, there are occasions where, because of staffing constraints or small numbers choosing an option, we are unable to avoid clashes.

At our college we place a high value on our students getting the best possible opportunity to learn in a positive, purposeful environment and to achieve to their potential in national examinations and qualifications. The process of choosing suitable subjects in your senior school programme is an important first step on the path to gaining national qualifications of which you, your family and the college can be proud.



L.F. Moore
PRINCIPAL

YEAR 11

All Year 11 students take a course of study comprising

- ENGLISH** (either NCEA Level 1 or NCEA Level 2, English as a Second Language)
MATHEMATICS (either NCEA Level 1 or NCEA Level 2 or Maths Applied 1)
***SCIENCE** (NCEA Level 1, NZASE Science)
3 OTHER SUBJECTS (either at Year 11 level or Year 12 level)

* *While these subjects are not compulsory, students are **strongly advised** to take them in Year 11.*

Note:

- Pupils should choose subjects they feel they would enjoy but they should also carefully consider what they might like to study later and their future educational and employment aims. NCEA Level 2 subjects, for example, have prerequisites which need to be satisfied in the Year 11 year.
- A chart (The Flow of Subjects) has been provided as a quick guide to these subject relationships and prerequisites. The notes on each subject also include the prerequisites for the Year 11 course.

YEAR 12

All Year 12 students take a course of study comprising

- ENGLISH** (either NCEA Level 1 English, NCEA Level 2 English, NCEA Level 3 English, or English as a Second Language)

Note: All students intending to gain University Entrance after Year 13 studies **must** achieve a minimum of 8 credits at Level 2 or higher in English (4 credits - reading; 4 credits - writing)

- 5 OTHER SUBJECTS** (at either Year 11, 12 or 13)

Note:

- Most subjects have a minimum requirement. These are listed as guideline(s)s.
- Subjects with no such prerequisites require the approval of the relevant Faculty Manager for all students applying to do the course, and in general, students who achieve poor grades and as such, insufficient credits in most subjects for NCEA Level 1 will not be permitted to start a new series of subjects such as these ones.
- In special circumstances the Faculty Managers, may after discussion, allow a pupil to do a course without having the normal prerequisites.

YEAR 13

1. **No subject is compulsory.**
2. All Year 13 pupils are required to be actively involved in a minimum of 1 period of Community Service per week. Service opportunities will be selected at the start of the year.
3. Especially able students may select a sixth subject with the Dean's approval.
4. Students from overseas may also be permitted to take ESOL as well as 5 NCEA subjects if timetabling permits.

THE NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

NCEA is a qualification on the New Zealand's National Qualifications Framework (NQF). It sits alongside more than 700 other national qualifications used throughout tertiary education and industry training. Students at school will be able to attain many of these specialist qualifications as they complete NCEA.

Students are staying at school longer, learning a broader range of subjects, and learning in different ways. Students, parents and employers want a qualification that gives more information about students' achievements and the knowledge and skills they have learned. NCEA will support the sort of learning New Zealand needs in the 21st Century.

Under NCEA students are assessed through a combination of national exams and internal assessments. More than 60% of the usual school subjects in Years 11, 12 and 13 are assessed by exams.

The most noticeable difference is the way results are reported.

NCEA will report how well a student does in each of the separate skills and knowledge in a course. Results will show how a particular student compares with others nationally.

Why the change?

New Zealand needs a highly skilled and better qualified workforce. The country needs a qualification that addresses the far broader needs for the many children who now stay to the end of school. We also need much better co-ordination between schools, wananga, polytechnics, private training establishments, industry training organisations and universities.

Therefore we need a qualification system that can recognise and report a broad range of achievement. The old qualifications limited the range of subjects our students could study and the ways schools could structure learning. Results from old examinations ranked learners on whole year courses, rather than describing their various achievements.

Students, parents and employers wanted a qualification that gave more information about students' achievements and the knowledge and skills they have learned.

Schools had already moved to equip students to meet the challenges of new technology and new ways of working, but the examinations system that reports student's achievements had not.

NCEA provides for greater flexibility in the way our students can gain recognition for those skills and provides results that are more detailed and meaningful.

How does NCEA work?

NCEA is achievement based. Students will receive their certificates when they have achieved a range of standards. Consequently, national standards have been set in each area of learning. When students achieve these standards they earn credits toward their NCEA qualification. In school curriculum subjects, they can do more than achieve a standard, they can achieve with merit or excellence grades.

In each area of learning, different aspects of skills, knowledge and understanding are assessed separately. Each aspect can earn a different number of credits. So results about each student's efforts are detailed, giving a profile of their achievements.

The assessments are designed to suit the skill or knowledge being assessed. In school curriculum subjects, at least half of the assessment is by end of year examinations run by the New Zealand Qualifications Authority (NZQA). Schools can also utilise other standards on the NQF eg Unit Standards to tailor courses for the particular needs and requirements of their students. In this way they can prepare students for careers in areas of their choice.

Standards

There are two types of standards – ‘unit standards’ and ‘achievement standards’. Both are used in programmes stored at schools.

For achievement standards you reach ‘achieved’, ‘achieved with merit’ or ‘achieved with excellence’. For unit standards you either get ‘achieved’ (pass) or ‘not achieved’ (fail).

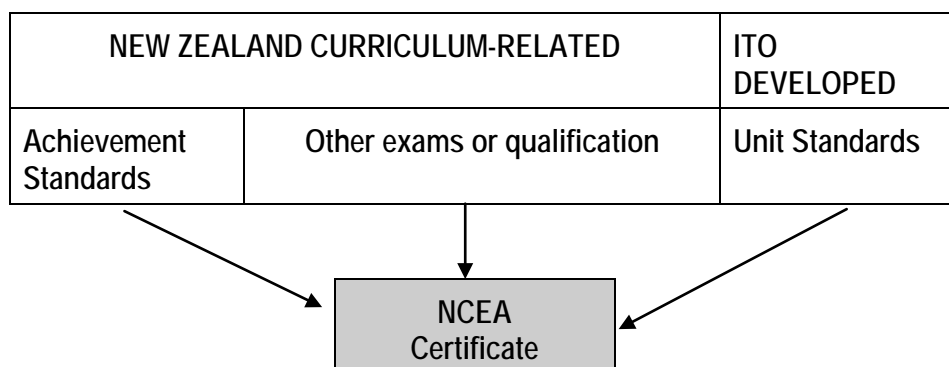
These standards in schools are usually at levels 1, 2 and 3. Most students start level 1 in Year 11; those students often study at a mix of levels depending on their ability in particular subject areas. For example, in Year 11 you can attempt studies at level 2, 3 or higher, if your school has a suitable programme.

When you study a programme or course you don’t have to be assessed against every standard at every level in that subject area. Schools prepare programme and use a mix of standards to assess students as they progress. Not all students will be assessed against the same standards. Your school will tell you what assessments you will be attempting.

Credits

Each standard is worth a certain number of credits. When you achieve a standard, these credits count towards your NCEA and may also contribute towards other National Certificates such as The National Certificate in Mathematics.

NCEAs are the national school qualifications typically assessed in Years 11 to 13. NCEAs are just three of the many qualifications on the National Qualifications Framework (NQF). The New Zealand Qualifications Authority (NZQA) manages the NQF which comprises over a thousand national qualifications. You may be able to start studying towards other qualifications while still at school. You can see what is available and the standards on which they are based, at www.nzqa.govt.nz/framework/



HOW DO I GET THESE QUALIFICATIONS?

NCEA Level 1

When you have achieved 80 credits from level 1 or higher; you have gained NCEA level 1. Eight of these credits must be from numeracy standards and eight other credits must be from literacy standards. These skills can be assessed in English or in te reo Maori. Your teachers can tell you which standards provide the required numeracy and literacy skills.

NCEA Level 2

NCEA level 2 requires a minimum of 60 credits at level 2 or above and 20 credits at any other level. Credits can be used for more than one qualification; so some of your NCEA level 1 credits can count towards NCEA level 2. At level 2 there are no specific literacy or numeracy requirements.

NCEA Level 3

For NCEA level 3 you will need to achieve 80 credits, of which 60 must be at level 3 or above, and 20 at level 2 or above.

Rewarding achievement

Achievement standards don't just set out expectations for achieving the standard. They also recognise performance that meets 'merit' or 'excellence' criteria. You can now gain NCEA certificates endorsed with merit or excellence. If you get 50 or more credits at excellence level you will earn an NCEA certificate endorsed with excellence. If you get 50 or more credits at merit level you will earn an NCEA certificate endorsed with merit. (If you get 50 credits or more with a mix of merit and excellence you will earn an NCEA certificate endorsed with merit.)

From 2011, students will be able to gain merit or excellence endorsements in individual subjects which will be regarded as courses for this purpose. This means that if you are doing very well in one particular area that will be recognised in your results. For a merit endorsement you will have to gain 14 or more credits at merit or from merit and excellence grades combined. At least three of these 14 credits must come from externally assessed standards and three from internally assessed standards. All these 14 credits must be gained in a single school year. For an excellence endorsement you will have to gain 14 credits or more entirely at excellence level. Once again at least three of these 14 credits must come from externally assessed standards and three from internally assessed standards. All these 14 credits must be gained in a single school year.

Excellence criteria are demanding and students who achieve with excellence for all or more of their standards, will demonstrate higher-level thinking skills.

OTHER AWARDS

University Entrance

To gain entry into a New Zealand University, you will need to have 42 credits at level 3 or above. At least 28 of these credits must come from standards on an NZQA approved list ([available at www.nzqa.govt.nz/ncea/ue](http://www.nzqa.govt.nz/ncea/ue)). As well as these level 3 credits, you will need some credits at level 2 or 3 which show that you have reading (4 credits) and writing skills (4 credits), and credits (14) showing numeracy skills at level 1 or higher. Your teachers will be able to tell you about this requirement.

Universities and other tertiary providers in New Zealand sometimes have other specific requirements for entry to particular programmes or courses. If you have a particular university programme in mind, check entry criteria as soon as possible to ensure that you are entering for the right standards at level 3.

Scholarship

Scholarship is externally assessed. It is designed to extend the very best students and to financially reward very able students who are going on to tertiary study. It is **not** a qualification. Students sitting scholarship will be assessed on their ability to think laterally and in the abstract.

The exams cover the same knowledge and skills as level 3 achievement standards, but the standard of performance required is much higher.

You can discuss scholarship requirements with your teachers.

Scholarship Subjects for 2012

Accounting, Art History, Biology, Chemistry, Chinese, Classical Studies, Drama, Economics, English, French, Geography, German, Graphics, History, Japanese, Latin, Mathematics with Calculus, Media Studies, Music Studies, Physical Education, Physics, Science, Spanish, Statistics and Modelling, Te Reo Maori, Technology (general*), Visual Arts (one option **).

* You can enter Biotechnology, Electronics and Control Technology, Materials Technology, Production and Process Technology, Food Technology, Structures and mechanisms, and Information or Communications Technology (ICT).

** You can enter Painting, Printmaking, Design, Photography or Sculpture.

WHAT ELSE SHOULD I KNOW?

Flexible, personalised learning

Today's assessment systems mean schools can run shorter courses, combine different levels, and link with industry and local business to run courses in a broader range of subjects. This means that all schools can offer programmes to suit particular students and everyone is encouraged to achieve and be successful at school.

How do I enter?

All students must enter for assessment through an 'accredited provider', usually a secondary school or area school, or wharekura. If you are not enrolled at a school, for example if you are home-schooled, you will need to find a school which will make your entry.

Your school will be asked to send entries to NZQA during the year. You will be able to make changes to your entries if necessary, later on. Your school will tell you when you need to finalise your entries and pay your fees to them.

During the year you can log on to the NZQA website www.nzqa.govt.nz and check your entries and personal details.

How will my work be assessed?

Each standard is either internally assessed by your school during the year, or externally assessed. Most external assessments are by exam at the end of the year, although for some subjects you will submit a portfolio.

How will I know what to do to achieve a standard?

As you learn a new skill or topic your teachers will explain to you what is going to be assessed and how well you will need to perform. Your teachers can provide feedback while you are learning to tell you if you are on the right track or advise on how to improve your work.

The 'For Learners' area on the NZQA website www.nzqa.govt.nz is a useful gateway to information including:

- The exam timetable
- Past exam papers
- Study tips, etc.

There is also a secure part of the website where you use your National Student Number (NSN) **and** password to log in. If you have **not** logged in before, you must first **register** to generate a password. This enables you to access information NZQA holds about you including your Record of Learning.

How will I know that my internal work is marked at the same standard as other schools?

During the year, all schools have samples of their internal assessments in each subject area checked by NZQA's independent moderators. The information is returned to your teachers and principal so they know they are applying the national standard correctly.

What happens if I don't achieve a standard?

For externally assessed standards, there is only one assessment opportunity each year – the exam or other external assessment at the end of the year. If you do not achieve a standard, your school may allow you to repeat the course the next year.

For internal assessment, your school may allow you to be assessed again later during the year. For some standards, your school may delay your assessment until the final term, taking into account most of your year's work.

Remember that your teachers will be working hard to help you achieve each standard. They will tell you what you need to do, how far you are from achieving each standard, and give you feedback on how to improve your work.

Can I use te reo Maori for assessments in other subjects?

You can take most external assessments in te reo Maori. Talk to your school about this when you first make your entries, so NZQA can arrange to provide you with an examination paper in te reo Maori.

If I did not get the NCEA qualification I was aiming for last year, what are my options this year?

You do not have to achieve a level 1 or level 2 qualification before you study at the next level. Any credits you earn this year can be used toward your level 1 or level 2 qualification. At the same time you can begin work that will count for the next level up. This means the credits you earn may contribute to more than one qualification at the same time. You may study some courses at a higher level than others, or you may even attempt some standards within a course at a higher level. Your school will discuss what courses of study will best suit you and your situation.

Is NCEA the only qualification I can aim for at school?

No. NCEA levels 1, 2 and 3 are just three of the 1000 national qualifications on the NQF. Your school may offer tuition for some of these other qualifications. Examples are areas like childcare, sport, tourism, computing, electrical engineering, and business management. Some qualifications can be completed at school, such as the National Certificates in Computing, Employment Skills, Hospitality, Mathematics, Retail and Travel & Tourism. Others you may have to start at school and then finish in the workplace or at a tertiary provider.

Any course you take this year with a tertiary provider and any time you spend in workplace training may also lead to credits. Any specialist unit standards that you achieve from these assessments also contribute to your NCEA qualifications. Your work might count for more than one certificate at the same time. Talk to your teachers about this.

RESULTS

How and when will I get my results?

In October you will be able to log on to the NZQA website and see what internally assessed results your school has sent to NZQA.

In late January you will get provisional results, an NOF Results Notice from this year for both internal and external assessment. This will include standards achieved and standards not achieved. If you sat Scholarship exams your results will be sent to you in February.

When you leave school you will also receive a School Results Summary, listing all the standards you have attempted and the results, including not achieved results.

Record of Achievement

Each year around April you will be sent a Record of Achievement (formerly called the record of Learning). This records all standards achieved during your time at school. A summary of your qualifications and achievement will be listed at the top of your Record of Achievement. Standards are then grouped according to related areas of study. The standards you achieve each year will be added to your Record of Achievement. You can continue to add to it once you leave school and complete new qualifications or undertake workplace training.

You can access your Record of Achievement on the NZQA website and also order a paper copy.

Can I appeal my results?

If you have a question about your internal assessments, your school has a process for sorting this out. You will get this information in writing, so keep it handy. Your teacher can tell you how the result was reached. If not, your school will tell you who to talk to next.

You can ask NZQA to review results from most external assessments after you get your results next year. You will be given detailed information about how to do this by NZQA.

How will my results be recognised when I leave school?

NCEA and other national certificates are recognised by employers and used as the benchmark for selection by universities and polytechnics. There are requirements for University Entrance based on a common standard. Independent research has shown that performance in NCEA is a good indicator of success at first-year university.

Your Record of Achievement details your achievements in a way that should be readily understood by employers and tertiary education providers.

Will an NCEA be useful if I go overseas?

NCEA is New Zealand's national school-leaver qualification, readily accepted overseas, including by universities.

New Zealand has qualification recognition agreements with Australia and the United Kingdom and New Zealand qualifications are accepted for most purposes in the United States. NCEA is included in the publication International Qualifications for Entry into Higher Education, which is used in the UK and internationally for tertiary entrance and selection. Level 3 NCEA is broadly equivalent to English A Levels and Australia's Higher School Certificate.

NCEA Level 3 results are used in the Interstate Tertiary Index used for entrance to all Australian Universities. If you give permission on your entry form, NZQA will electronically send your results to Australian authorities in early January

If you are an international student studying in New Zealand you should discuss your tertiary education plans with your teachers. They will help you plan the appropriate study at school.

SUMMARY

What's new, and what stays the same

There will still be exams for subjects like English, Maths - just like School Certificate in the past. There will also be internal assessments, as School Certificate has had for several years.

Everyone who reaches the standard receives the credits

There will be no scaling. High performers will get grades or merit or excellence, but grades won't change the number of credits they receive.

Schools will have more flexibility with courses

For instance, students can do some sixth form work alongside fifth form subjects in 2004.

Students need 80 credits to get NCEA

At level 1, 16 of the 80 credits need to prove students have a good level of skills in reading, writing and dealing with numbers.

There is no set number of credits for any course

Students get credits for each aspect of a course if they reach the standard. So, even if they're not particularly good with a subject overall, they can still earn credits for those areas where they shine.

Everyone gets a Record of Learning

This shows all the credits they've earned. NZQA updates this record with any credits they earn for level 1 or above in future years.

NCEA gives everyone a full picture of what students know and can do. Schools can offer a wider range of courses

Goals to aim for

NCEA results show whether students have done well enough to reach a standard. When they reach the standard, they get the credits.

Exams are still important

More than half the assessment for regular school subjects can be by exam, much as it is now. Internal assessment will be used for things that can't be tested in exams eg speeches, research projects, performances.

Internal assessments will be checked nationally

Internally assessed work will be checked by NZQA's panels of experts to ensure the national standard is maintained.

Challenges for every student

There will be realistic challenges and opportunities for all students no matter what their ability. Less able students can get credits for the aspects of each subject they're good at. But it will be tough to achieve excellence.

Greater course variety

New subjects like tourism will be able to count for NCEA. Schools can offer a wide array of courses.

National and International recognition

Employers, polytechnics and universities will use NCEA results. NCEA will be internationally recognised as New Zealand's official qualification.

NCEA

FOR MORE INFORMATION:

Contact Glendowie College
visit the NCEA Web site via www.nzqa.govt.nz
or call 0800 NCEAHELP (088 623243)

PLANNING A COURSE

Some Suggestions

Read every page in this booklet carefully.
You will pick up some very useful information.

- * **List the occupations that you are interested in.**
 - Do you know what qualifications each one requires? If not, find out.
 - Have you checked the career data base on the computers in the library?
 - Have you checked with the Careers department?

- * **Think about your long-term goals and short term goals in education. Write them down.**
 - Everyone needs a long-term goal but simply having one is not enough.
 - Set short term goals that enable you to meet that long term goal.

- * **Write down the subjects you like most.**
 - What subjects do you need for your proposed occupations?
 - Do you know? Write them down. Do these lists match?

- * **Which subject causes you the most difficulty?**
 - Do you need it for any of your future occupations?
 - If you do need it, what are you going to do about it?

- * **What subjects do you want to do next year?**
 - Re-read the course outlines for next year.
 - Have you taken note of any entry/guideline(s) requirement?
 - Does your course for next year flow on to your proposed tertiary course?

- * **If you are unsure of a subject, talk to someone.**
 - Ask students who are doing the subject this year what it is like.
 - Ask the Teacher.
 - Ask the Careers Advisor
 - Ask your Dean.
 - Ask everybody.
 - Ask for help. It is an important decision.

Be informed.

THE FLOW OF SUBJECTS – GLENDOWIE COLLEGE 2011

	YEAR 9	YEAR 10	NCEA LEVEL 1	NCEA LEVEL 2	NCEA LEVEL 3
LANGUAGES OF AOTEAROA					
ENGLISH	English (9ENG)	English (10ENG)	English (11ENG)	English (12ENG)	English (13ENG)
	Enhanced English (9ENE)			English Literacy (12ENL)	English Literacy (13ENL)
TE REO MAORI	Te Reo Maori (9MAO)	Te Reo Maori (10MAO)			
MEDIA STUDIES		Media Studies (10MES)	Media Studies (11MES)	Media Studies (12MES)	Media Studies (13MES)
ENGLISH FOR SPEAKERS OF OTHER LANGUAGES	Esol (9ESL)	Esol (10 ESOL)	Esol (11 ESOL)	Esol (12 ESOL)	Esol (13 ESOL)
MATHEMATICS					
	Mathematics (9MAT)	Mathematics (10MAT)	Specialist Mathematics (11MAS)	Specialist Mathematics (12MAS)	Calculus (13MCA)
			Mathematics (11MAT)	Mathematics (12MAT)	Statistics and Modelling (13MST)
	Enhanced Mathematics (9ENM)		Mathematics Applied I (11MAA)	Mathematics Applied II (12MAA)	
ACCOUNTING			Accounting (11ACC)	Accounting (12ACC)	Accounting (13ACC)
SCIENCE					
	Science (9SCI)	Science (10SCI)	Specialist Science (11SCS)	Biology (12BIO)	Biology (13BIO)
			Integrated Science (11SCI)	Chemistry (12CHE)	Chemistry (13CHE)
				Physics (12PHY)	Physics (13PHY)
			NZASE Science (11SCA)		
SOCIAL SCIENCES					
	Social Studies (9SST)	Social Studies (10SST)	Geography (11GEO)	Geography (12GEO)	Geography (13GEO)
			History (11HIS)	History (12HIS)	History (13HIS)
				Classical Studies (12CLA)	Classical Studies (13CLA)
	Economics (9ECO)	Enterprise Studies (10EST)	Economics (11ECO)	Economics (12ECO)	Economics (13ECO)
			Business Studies (11BUS)	Business Studies (12BUS)	
HEALTH & PHYSICAL EDUCATION					
	Health (9HEA)	Health (10HEA)		Early Childhood Education (12ECE)	
	Physical Education (9PHE)	Physical Education (10PHE)	Physical Education (11PHE)	Physical Education (12PHE)	Physical Education (13PHE)
			Sports Studies (11SPS)	Outdoor Education (12OED)	Sport and Recreation (13SPR)

	YEAR 9	YEAR 10	NCEA LEVEL 1	NCEA LEVEL 2	NCEA LEVEL 3
TECHNOLOGY					
Technology	Technology (9TEC)				
Computing	Computing (9COM)	Computing (10COM)	Computing (11COM)	Computing (12COM)	Computing (13COM)
Programming			Programming (11PRG)		
Electronics			Electronics (11ELE)	Electronics (12ELE)	Electronics (13ELE)
Food Technology/ Hospitality		Food Technology (10FTE)	Food Technology (11FTE)	Hospitality (12HOS)	Hospitality (13HOS)
Design and Visual Communications (Graphics)		Visual Communications (Graphics) (10DVC)	Visual Communications (Graphics) (11DVC)	Visual Communications (Graphics) (12DVC)	Visual Communications (Graphics) (13DVC)
Hard Materials Technology		Hard Materials (10HMT)	Building Construction & Allied Trade Skills (11BCT)	Building Construction & Allied Trade Skills (12BCT)	
Soft Materials Technology		Design Technology – Fabric (10FAB)	Design Technology – Fabric (11DEF)	Design Technology – Fabric (12DEF)	Fashion and Design (13FAD)
Technology & Automotive Engineering				Technology & Automotive Engineering (12TAE)	
THE ARTS					
DRAMA	Drama (9DRA)	Drama (10DRA)	Drama (11DRA)	Drama (12DRA)	Drama (13DRA)
MUSIC	Music (9MUS)	Music (10MUS)	Music (11MUS)	Music (12MUS)	Music (13MUS)
VISUAL ART	Art (9ART)	Art (10ART)	Art (11ART)	Art (12ART)	Art - Painting (13ART)
					Art – Design (13ART)
					Art – Print-making (13ART)
				Art History (12ARH)	Art History (13ARH)
			Photography (11PHO)	Photography (12PHO)	Photography (13PHO)
LEARNING LANGUAGES					
FRENCH	French (Beginners) (9FRB)	French (10FRE)	French (11FRE)	French (12FRE)	French (13FRE)
	French (Advanced) (9FRA)				
GERMAN	German (Beginners) (9GEB)	German (10GER)	German (11GER)	German (12GER)	German (13GER)
	German (Advanced) (9GEA)				
DEVELOPMENT PROGRAMMES					
CAREERS		Careers Module		Gateway to Employment (12GEM)	
NEW ZEALAND TOURISM				New Zealand Tourism (12NZT)	New Zealand Tourism (13NZT)
RETAILING				Retailing (12RET)	

Guideline(s) for Entry into Tertiary Programmes

In general, **minimum** entry requirements are as follows:-

Certificate Courses: Open Entry or NCEA Level 1 or 2

Diploma Courses: Successful completion of a Certificate Course or NCEA Level 2

Degree Courses: **Common Entrance Standard for all NZ universities**

A minimum of 42 credits at Level 3 or higher, including a minimum of 14 credits at Level 3 or higher in each of 2 subjects from the approved subject list, with a further 14 credits at Level 3 or higher taken from no more than 2 additional approved subjects or domains on the National Qualifications Framework.

Plus 14 Level 1 credits in Maths, and 8 Level 2 credits in English (4 credits Reading and 4 credits Writing).

Entrance to University Courses and Unit Standards Qualifications

Although Universities will recognise credits in subjects offering Level 3 Unit Standards, such recognition will be limited, and students intending to study for any Degree at University Level are **strongly recommended** to take 5 subjects in Achievement Standards at Level 3 in Year 13.

New Zealand Scholarship

An External Assessment at Level 4 worth 72 credits gained across at least 3 subjects. This will be based on content within the Level 3 Achievement Standards, but will be a broader and more substantial challenge for students.

LIST OF APPROVED SUBJECTS FOR UNIVERSITY ENTRANCE

Initial list of approved subjects for the entrance to university as approved by NZQA.

(* Offered at Glendowie College)

<ul style="list-style-type: none">• Accounting *• Agriculture and Horticulture• Biology *• Chemistry *• Chinese (Second Language)• Classical Studies *• Computing*• Cook Island/ Maori• Design (Practical Art)• Drama *• Economics *• English *• French (Second Language) *• Geography *• German (Second Language) *• Graphics *• History *• History of Art *• Indonesian	<ul style="list-style-type: none">• Japanese (Second Language) *• Korean• Latin• Mathematics with Calculus *• Mathematics with Statistics *• Media Studies *• Music / Music Studies *• Painting (Practical Art) *• Photography (Practical Art) *• Physical Education *• Physics *• Printmaking (Practical Art)• Samoan• Science *• Sculpture (Practical Art)• Spanish (Second Language)• Social Studies• Technology *• Te Reo Rangatira or Te Reo Maori
---	---

AUCKLAND UNIVERSITY SCHOOL LEAVER ADMISSION REQUIREMENTS

National Certificate of Educational Achievement (NCEA) Level 3

To be admitted to The University of Auckland you must gain the University Entrance Standard and be selected into a programme. You will be allocated a rank score based on your 80 best credits at Level 3 or higher over a maximum of five approved subjects, weighted by the level of achievement attained in each set of credits. If you achieve fewer than 80 credits, the rank score will be based on those credits you have gained at Level 3 over a maximum of five approved subjects and weighted by the level of achievement. You are strongly encouraged to take achievement standards as preparation for University studies.

The rank score will be calculated by awarding four points for Excellence, three for Merit and two for Achieved for up to 24 credits in each approved subject taken at Level 3 in the last two years. The maximum available score is 320.

Example of how a rank score for NCEA Level 3 is calculated				
Subject	Standard type	Results	Calculate	Rank Score
Economics	Achievement	6 Achieved	No counted	Nil*
English	Achievement and Unit	6 Excellence 6 Merit 16 Achieved **	6 x 4 points 6 x 3 points 12 x 2 points	66**
History	Achievement	8 Excellence 10 Achieved	8 x 4 points 10 x 2 points	52
Mathematics with Calculus	Achievement	4 Excellence 3 Merit 8 Achieved ***	4 x 4 points 3 x 3 points	25
Physics	Achievement	24 Merit	24 x 3 points	72
Statistics and Modelling	Achievement	7 Merit 10 Achieved ***	7 x 3 points	21
Rank score				236
<i>* Only five subjects are included in the calculation</i> <i>** Maximum 24 credits per subject. Any points above this limit are excluded</i> <i>*** Not included as only best 80 credits used in calculation of rank score</i>				

SCEHEDULE A – To be used in conjunction with 2011 Undergraduate Admission Requirements detailed in the following tables

NCEA (Level 3) subjects	
Table A	Table B
Classical Studies	Accounting
English	Biology
Geography	Chemistry
History	Economics
History of Art	Mathematics with Calculus
Te Reo Maori or	Physics
Te Reo Rangitira	Statistics and Modelling

2011 Undergraduate admission requirements for school leavers who are New Zealand and Australian citizens and permanent residents.

This table must be read in conjunction with the other information. This table indicates the rank score that will gain you admission to your programme. Refer to the above to see how rank scores are calculated.

Programme	NCEA (Level 3)	Other requirements
Bachelor of Architectural Studies (BAS)	Students who meet the University Entrance Standard will be selected on the basis of their academic performance and portfolio of creative work. Note the subject requirements below	Portfolio An interview may be required
	A minimum of 16 credits in one subject from Table A and minimum 16 credits in one subject from Table B	
Bachelor of Arts (BA) ¹ Certificate in Arts (CertArts)	140	Nil
Bachelor of Business and Information Management (BBIM)	165 with a minimum of 16 credits in each of three subjects from Table A and/or Table B	Nil
Bachelor of Commerce (Bcom)	165 with a minimum of 16 credits in each of three subjects from Table A and/or Table B	Nil
Bachelor of Dance Studies (BDanceSt) <i>Formerly Bachelor of Performing Arts - Dance Studies</i>	Students who meet the University Entrance Standard will be selected on the basis of their CV and an interview. An audition may also be required	Applicants may be asked to demonstrate performance skills at an audition. A CV plus interview will be required
Bachelor of Engineering (Honours) (BE(Hons))	240 with a minimum of 18 credits in each of Maths with Calculus and Physics	Nil
Bachelor of Education (Teaching) (BEd(Tchg)) ² Diploma of Teaching (DipTchg(ECE)) ²	140	Interview and referees' reports. Applicants must be capable of meeting the requirements of the NZ Teachers Council
Bachelor of Fine Arts (BFA)	Students who meet the University Entrance Standard will be selected on the basis of their portfolio of creative work	Portfolio. An interview may be required
Bachelor of Health Sciences (BHSc)	210 with a minimum of 18 credits in one subject from Table A and minimum 18 credits in one subject from Table B	Nil
Bachelor of Human Services (BHumServ) ²	140	Interview, referees' reports and other checks on suitability are required
Bachelor Laws (LLB (Part 1))	Students must be offered a place in another bachelors degree. Entry will be based on the guaranteed scores for the other bachelors degree	Students will be selected into Part II on the basis of their results in Part I
Bachelor of Music (BMus) - Jazz, Performance and Popular Music Majors - Composition and History and Literature of Music majors	Students who meet the University Entrance Standard will be selected on the basis of an audition	An audition is required for applicants taking the major in Jazz, Performance and Popular Music
	140	A statement of musical background / experience is required
Bachelor of Nursing (BNurs)	200 with a minimum of 16 credits in one subject from Table A and minimum 16 credits from one of Biology, Chemistry, Physics from Table B	Nil
Bachelor of Pharmacy (BPharm)	220 with a minimum of 18 credits in each of Biology and Chemistry from Table B	Interview
Bachelor of Physical Education (BPE) ²	140	Interview and referees' reports. Applicants must be capable of meeting the requirements of the NZ Teachers Council
Bachelor of Planning (BPlan)	230	Nil

Programme	NCEA (Level 3)	Other requirements
Bachelor of Property (BProp)	165 with a minimum of 16 credits in each of three subjects from Table A and/or Table B	Nil
Bachelor of Science (BSc) ³ - Biomedical Science - Sport & Exercise Science -all other majors/specialisations	239 190 150	Nil
Bachelor of Social Work (BSW) ²	140	Interview and referees' reports. Applicants must be capable of meeting the requirements of the Social Workers' registration Act
Bachelor of Technology (BTech)	220	Nil
Bachelor of Theology (BTheol) ⁴	140	Nil
Bachelor of Visual Arts (BVA)	Students who meet the University Entrance Standard will be selected on the basis of their portfolio of creative work and an interview	Portfolio and interview
Conjoint programmes		
Not all degree programmes have conjoint options. See www.auckland.ac.nz/conjoints for a list of options. Applicants must achieve the greater of the two rank scores for their selected programmes		
Bachelor of Arts conjoints	210	Nil
Bachelor of Commerce conjoints	210 with a minimum of 16 credits in each of three subjects from Table A and/or Table B	Nil
Bachelor of Engineering (Honours) conjoints	260 with a minimum of 18 credits in each of Maths with Calculus, and Physics from Table B	Nil
Bachelor of Fine Arts conjoints	210	Portfolio. An interview may be required
Bachelor of Health Sciences conjoints	230 with a minimum of 18 credits in one subject from Table A and minimum 18 credits in one subject from Table B	Nil
Bachelor of Laws (Part 1) conjoints	Admission will be based on the conjoint score for the other degree	Students will be selected into Part II on the basis of their results in Part I
Bachelor of Music conjoints	Admission will be based on the conjoint score for the other degree	An audition is required for applicants taking the major in Jazz, Performance and Popular Music
Bachelor of Nursing conjoints	230 with a minimum of 18 credits in one subject from Table A and minimum 18 credits from one of Biology, Chemistry, Physics from Table B	Nil
Bachelor of Property conjoints	210 with a minimum of 16 credits in each of three subjects from Table A and/or Table B	Nil
Bachelor of Science conjoints	230	Nil
Bachelor of Theology conjoints	210	Nil
<p>1. Maori school leaver applicants who achieve the University Entrance (UE) Standard will be admitted to the Bachelor of Arts (BA)</p> <p>2. Maori and Pacific school leaver applicants who achieve the UE Standard and meet other requirements will be admitted to the programmes in the Faculty of Education</p> <p>3. Maori and Pacific school leaver applicants who achieve the UE Standard will be admitted to the Bachelor of Science (BSc). Higher admission standards are required for the majors in Biomedical Science and Sport and Exercise Science.</p> <p>4. Maori and Pacific school leaver applicants who achieve the UE Standard will be admitted to the Bachelor of Theology (BTheol)</p>		
<p>Applicants for the Bachelor of Medicine and Bachelor of Surgery (MBChB) must first complete Year 1 of either the BHSc or the BSc in Biomedical Science, or have completed another degree approved by the Faculty of Medical and Health Sciences.</p> <p>Applicants for the Bachelor of Optometry (BOptom) must first complete the common year of the BSc in Biomedical Science involving set courses in Biology, Chemistry, Physics and Health Sciences (or equivalent) or have completed another degree approved by the Faculty of Science.</p> <p>International students will be required to achieve higher rank scores</p>		

ENTRY REQUIREMENTS FOR OTHER NZ UNIVERSITIES

All NZ Universities have been revising their entry requirements for their respective programmes / undergraduate degrees. **It is highly recommended that students visit the websites of each university to gain up-to-date details.**

It should be remembered that the common university entry standard will still be the minimum entry requirement for all undergraduate degrees at NZ universities. However, students will also need to meet the Guaranteed Entry Scores or Preferential Entry Requirements that each university is setting for their undergraduate degrees.

PLEASE NOTE:

For specific details and prerequisites for each subject offered, you will need to visit our website at www.glendowie-college.school.nz and go to Academic Guide. Select Senior Options. You can now scroll down to individual subject information.

We regret that while we offer a wide range of options, it is not possible to accommodate all option choices for some students. Where difficulties occur it is recommended that students consult the Deans at the appropriate level.

Please also note that some courses may not run because of insufficient numbers.

ACCOUNTING (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Head of Department approval

Course/Course Content

Objectives

- To provide a course which will promote knowledge and understanding of accounting as a financial language for individuals, community organisations and businesses
- To enable students to apply financial knowledge and skills to practical situations.

Content

- Developing an understanding of the principles on which Accounting is based and how they are applied in a range of situations.
- Recording and processing financial transactions.
- Understanding an accounting system including documents, accounting records and appropriate control measures.
- Reporting financial information.
- Analysing, interpreting and evaluating financial and non-financial information to make informed decisions.

Assessment Internal 43% External 57%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90976 (1.1)	Demonstrate understanding of Accounting concepts for small entities	3	External	L
90977 (1.2)	Process financial transactions for a small entity	5	Internal	
90978 (1.3)	Prepare financial statements for a sole proprietors	5	External	
90979 (1.4)	Prepare financial information for a community organisation's annual general meeting	4	Internal	L
<i>TOTAL number of credits available towards the Level 1 NCEA</i>		17		

Year 12 Accounting Guideline(s):

A minimum of 14 out of the 17 available credits including (1.3)

Cost

\$45.00 for two workbooks and a revision book \$20 (approximately).
Both these workbooks are retained by students.

Contact Person

Ms Doherty

BUSINESS STUDIES (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Open Entry – with the approval of the HOD.

Course/Course Content

Objectives

- Demonstrate an understanding of the internal and external influences on a small business
- Understanding the dynamics of a product based business in a market day scenario
- Develop an understanding of the human resource and marketing functions

Content

- Internal features of a small business
- External influences on a small business
- Operational aspects of a small business
- Marketing
- Human Resources
- Market Day Activity

<u>Assessment</u>	Internal: 50%	External: 50%		
Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90837 (1.1)	Demonstrate an understanding of internal features of a small business	4	External	L
90838 (1.2)	Demonstrate an understanding of external factors influencing a small business	4	External	L
90839 (1.3)	Apply business knowledge to an operational problem(s) in a given small business context	4	External	L
90840 (1.4)	Apply the marketing mix to a new or existing product	3	Internal	L
90841 (1.5)	Investigate aspects of human resource processes in a business	3	Internal	L
90842 (1.6)	Carry out and review a product-based business activity within a classroom context with direction	6	Internal	L
<i>TOTAL number of credits available towards the Level 1 NCEA</i>		24		

Year 12 Business Studies Guideline(s):

At least 14 credits at Level 1 or HOD Approval

Cost

Possible start-up costs for market day: \$50.

Student Teams ("Companies") get to generate income and keep it.

Workbook: \$20. Students get to keep this workbook.

Contact Person/s

Mr Jeremic

Mrs Rothbart

COMPUTING: PROGRAMMING (Year 11)

NCEA Levels 1 and 2

Guideline(s)/Minimum Entry

- Keyboarding skills
- Instructor approval

Course/Course Content

Objectives

- To develop the skills required to produce schematic diagrams utilising application software.
- To develop the ability to analyse problems and design solutions using an algorithmic approach.
- To develop and enhance logical thinking skills.
- To learn how to utilise various programming related planning tools in order to develop a programming solution to given problems.
- To learn structured programming skills using a high level language.
- To gain an understanding of the concepts and skills related to program design, development, execution, testing and evaluation, debugging and documentation.
- To demonstrate the ability to complete the Program Development Cycle proficiently.

Content

- Problem solving and solution design utilising flowcharting techniques and test plans.
- Producing schematic diagrams utilising Microsoft Visio application software.
- Developing computer programs using the QBASIC and/or Visual BASIC programming languages.
- Internal and external documentation of computer programs.
- *Development of a comprehensive understanding of the concepts of algorithms, programming languages, user interfaces and usability.*

Assessment

Level	Achievement Standard	Description	Credits	Assessment
1	91045	Use planning tools to guide the development of an outcome	4	Internal
1	91075	Construct an algorithmic structure for a basic task	3	Internal
1	91076	Construct a basic computer program for a specified task	3	Internal
{*1	91074	<i>Demonstrate understanding of basic concepts from computer science</i>	3	<i>External}</i>
Level	Unit Standard	Description	Credits	Assessment
2	5957	Produce simple schematic diagrams using a computer application	2	Internal
1	18739	Create and use simple command sequences in a computer language	2	Internal
2	18740	Create a simple computer program	3	Internal
TOTAL possible number of credits available towards Levels 1 and 2			17 {20}	

* DTG 1.44: *Optional external theory exam; this will be made available for the purpose of differentiated study as required or requested, time permitting.*

Cost

\$20 – Specialist equipment (computer hardware leasing and maintenance)

Additionally, students must pay for all printing that is done in the computer lab. Payment is made via the Accounts office. Amount will vary.

Contact Person

Ms Mercer

COMPUTING: (Year 11)

NCEA Level 1,

Guideline(s)/Minimum Entry

None although ICDL in year 10 would be beneficial.

Course Content

This course will be taught according to the New Zealand Technology Syllabus. It will teach skills to be assessed by unit standards and application of those skills assessed against NCEA Achievement Standards at Level 1.

Content:

Word processing
Publisher

Digital Camera
Presentation

Data Projector
Scanning

Spreadsheet
Information and communication

ASSESSMENT

Internal 84 % External 16 %

Level	Unit Standard	Description	Credits	Assessment
1	18743	Produce and use a spreadsheet	2	Internal
1	5946	Use computer technology to present a computing topic	3	Internal
1	2792	Produce computer graphic documents using templates	2	Internal
2	6743	Demonstrate an understanding of ergonomic principles for computer workstations	3	Internal
Level	Achievement Standard	Description	Credits	Assessment
1	DTG 1.40	Demonstrate understanding of basic concepts of information management	3	External
1	DTG 1.41	Implement basic procedures to produce a specified digital information outcome	4	Internal
1	DTG 1.42	Demonstrate understanding of basic concepts of digital media	3	Internal
1	DTG 1.43	Implement basic procedures to produce a specified digital media outcome	4	External
1	DTG 1.51	Implement basic procedures for servicing a personal computer system	4	Internal
TOTAL number of Credits available towards the NCEA Level 1& 2			28	

Costs

\$40 per student: Take home project for Networked attached storage device for A/S 1.51. (This is a media player made from an old computer).

Contact person

Mr Gowers

DESIGN AND VISUAL COMMUNICATIONS (GRAPHICS) (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

A pass in Year 10 Graphics or Faculty Manager's approval

Course/Course Content

Objectives

- To demonstrate a range of drawing skills to express, develop and communicate ideas which reflect a sound working knowledge of graphics equipment, software and materials.
- To interpret drawings and communicate information in appropriate graphic form, which displays a sound understanding of the principles and methods of projection available.
- To understand and apply the processes and elements of design in the solving of design problems through appropriate graphic media
- To develop, through activities in design, an appreciation and aesthetic awareness of design's impact on people and the environment

Content

It is envisaged that these standards would provide assessment tools that school courses could access such as: Graphics, Product Design, and Fashion, Textiles, etc.

Each area is explored by the graphically solving of a design problem put to the students.
There will be a homework expectation of 2.5 hours per week (minimum)

Assessment

Internal: 65%

External: 35%

Achievement Standard	Description	Credits	Assessment
AS91063 (1.30)	Produce freehand sketches that communicate own design ideas	3	External
AS91064 (1.31)	Produce instrumental, multi-view orthographic drawings that communicate technical features of own design ideas	3	External
AS91065 (1.32)	Produce instrumental paraline drawings to communicate own design ideas	3	External
AS91066 (1.33)	Use rendering techniques to communicate the form of own design ideas	3	Internal
AS91067 (1.34)	Use the work of an influential designer to inform own design ideas	3	Internal
AS91068 (1.35)	Demonstrate development of own design ideas communicated through graphics practice	6	Internal
AS91069 (1.36)	Promote design work to an audience using visual communication techniques	4	Internal
<i>TOTAL number of credits available towards the Level 1 NCEA</i>		25	

NB. Year 12 Graphics Guideline(s):

A minimum of 12 credits from two internally assessed achievement standards and two externally assessed achievement standards at Year 11 and with the approval of the Head of Faculty

Cost

\$60 course fee for a Graphics pack which students keep.

Contact Person

S Kumar

DRAMA (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Students are required to have studied Junior Drama. (There may be isolated exceptions subject to HOD approval.) Students will also be required to attend a range of drama performances.

Course/Course Content

Drama at year 11 is Level 1 NCEA subject and students study a full 24 credit course. Students develop a knowledge of dramatic elements, conventions, techniques and technologies. They work individually and in groups to plan, structure and devise work for informal and assessed performances and they critically evaluate the effectiveness of their own work and the work of other students.

Objectives

Students will:

- Select and use elements, techniques, conventions and technologies in a range of dramatic forms
- Initiate and develop ideas individually and collectively in selected dramatic forms
- Perform and respond to drama and make critical judgements about the use of elements, techniques, conventions and technologies to create form and meaning
- Investigate the forms and purposes of drama in different historical and contemporary settings
- Reflect upon the ways in which drama communicates meaning

Content

Students will:

- Explore improvisation and movement and take part in a group performance
- Use elements and conventions to devise and perform a drama based on shared stories
- Demonstrate knowledge of melodrama through a practical presentation
- Perform a technical role e.g: set design
- Study selected scripts and perform in a class production
- Keep a portfolio of the year's work as preparation for the external
- Understanding and reflect on drama processes and performance in an external

Assessment

Internal: 82%

External: 18%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90006	Apply drama techniques in a dramatic context	4	Internal	L
90007	Devise and perform a drama	5	Internal	L
91000	Demonstrate understanding of a significant play	4	Internal	L
90009	Perform an acting role in a scripted production	5	Internal	L
90011	Demonstrate understanding of the use of drama aspects within live performance.	4	External	L

TOTAL number of credits available towards the Level 1 NCEA

22

The Internal Standards may require more than one assessment task each

Year 12 Drama Guideline(s):

12 Credits in Level 1 Drama or, in exceptional circumstances, HOD approval constitute the minimum entry level requirement for Level 2 Drama. Students should also have demonstrated ability in written evaluation in their Level 1 journal work and in A/S 1.6, the external evaluation.

Cost

Students will be required to fund attendance to at least two performances throughout the year. Approximately \$50 a student.

Contact Person

Mrs Stone

ECONOMICS (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Open Entry – with the approval of the HOD.

Year 9 and 10 course completion to a satisfactory standard

Course/Course Content

Objectives

- To develop a broad understanding of how consumers, producers and governments make economic decisions about the use of resources
- To develop an appreciation of the consequences of decisions, as they affect the market place, within New Zealand and overseas

Content

- Consumers Decisions
- Producers Decisions
- Market and Non-Market Allocation of Goods and Services

Assessment

Internal: 50%

External: 50%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
AS 90983 (1.1)	Demonstrate understanding of consumer choices using scarcity and/or demand	4	External	L
AS 90984 (1.2)	Demonstrate understanding of decisions a producer makes about production	5	Internal	L
AS 90985 (1.3)	Demonstrate understanding of producer choices using supply	3	External	L
AS 90986 (1.4)	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	5	External	L
AS 90987 (1.5)	Demonstrate understanding of a government choice where affected groups have different viewpoints	4	Internal	L
AS 90988 (1.6)	Demonstrate understanding of the interdependence of sectors of the New Zealand Economy	3	Internal	L
<i>TOTAL number of credits available towards the Level 1 NCEA</i>		24		

Year 12 Economics Guideline(s):

At least 14 credits at Level 1 or HOD Approval

Cost

\$10 www.elearneconomics.com (Online learning programme).

\$40 Subject based excursions (approximate cost only).

\$25 Workbook – Understanding Economics – NCEA Level 1 – Dan Rennie or
Economics NCEA Level 1 – Philip Jellyman

Both these workbooks are retained by students.

Contact Person/s

Mrs Rothbart, Mr Jeremic

ELECTRONICS (Year 11)

National Certificate in Electronics Technology Level 2

NCEA Level 1 & 2

Guideline(s)/Minimum Entry

Faculty Manager Approval

Course/Course Content

This course will be taught according to the New Zealand Technology Syllabus. It will teach skills to be assessed by unit standards and application of those skills assessed against NCEA Achievement Standards at Level 1. Successful completion of both year 11 & 12 Electronics students will gain the National Certificate in Electronics Technology Level 2

Objectives

The objectives of this course are to develop in students

- The knowledge of the control, communication and computing devices that contain different electronic components.
- Soldering and de-soldering skills
- The ability to efficiently select and use the electronic components
- The design skills to construct the circuit and interface using technological practice and process

Content

- Basic theory of conductors and semiconductors, serial and parallel circuits, practical skills for circuit construction using a range of components like ICs and transistors
- Understand how electronic components work and develop the technological knowledge and processes and practice in building electronic circuits like safety lights for bike, dancing and musical electronic toy and electronic rubbish bin
- Basic integrated circuit programming skills using PICAXE 08

Assessment

Level	Unit Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
2	18242	Construct simple printed circuit boards	3	Internal	
2	18243	Construct simple products from supplied circuit schematics	6	Internal	
2	18240	Demonstrate knowledge of basic electronic components	5	Internal	
Level	Achievement Standard	Description	Credits	Assessment	
1	91044	Undertake brief development to address a need or opportunity	4	Internal	L
1	91077	Demonstrate understanding of basic concepts used in the design and construction of electronic environments	3	Internal	
1	91078	Implement basic interfacing procedures in a specified electronic and embedded system	3	Internal	
1	91079	Implement basic techniques in constructing a specified electronic and embedded system	3	Internal	
TOTAL number of Credits available towards the NCEA Level 1			27		

Cost

\$50. This covers the cost for electronic components for the take home projects.

Contact Person

Mrs. Christopher

ENGLISH (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Year 9 and Year 10 course completion. HOD/teacher approval of external and internal entries.

Objectives

This course aims to build on student language development from Year 10 through the two strands: Making Meaning and Creating Meaning.

Students will:

Integrate sources of information, processes, and strategies purposefully and confidently to identify, form, and express increasingly sophisticated ideas.

Content

- Reading skills and comprehension - close reading of a variety of texts and genre
- Response to Literature (Extended or short and visual texts)
- Writing (Formal, Creative)
- Production Experience (Static Images/Dramatic Monologue)
- Wide Reading
- Oral (public speaking)

Assessment

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90849	Show understanding of specified aspect(s) of studied written texts	4	External	L
90850	Show understanding of specified aspect(s) of studied visual / oral texts	4	External	L
90851	Show understanding of unfamiliar written texts through close reading	4	External	L
90052	Produce creative writing	3	Internal	L
90053	Produce formal writing	3	Internal	L
90857	Construct and deliver an oral text	3	Internal	L
90855	Create a visual text	3	Internal	L
TOTAL number of credits available towards the Level 1 NCEA		24		

Note: Wide Reading Achievement standard 90854 will have been attempted during Year 10 and will be credited to successful students in 2011.

Please Note: Programme subject to change in 2012 due to changes in term length.

Level 2 English Guideline(s):

Success in four achievement standards, which should include 2 reading and 2 writing related standards are required for Level 2 entry or Head of Department approval.

Contact Person

Mrs Wood

ENGLISH SECOND LANGUAGE - ESL

(Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Entry at student / family's request or on the recommendation of the Dean or HOD English / ESL.
Diagnostic testing is carried out to determine the student's level

Course/Course Content

Objectives:

- To increase students knowledge and understanding of the academic English required for secondary and tertiary study in NZ
- To learn about New Zealand culture
- To develop confidence in taking part in New Zealand society

Content

The course covers academic and communicative English over the language skills of listening, speaking, reading, writing, grammar and vocabulary. Theme-based and topical modules and curriculum - specific units of work are studied. A regular homework programme is followed.

Assessment Internal: 100%

Students sit two internal examinations and are recommended to attempt the NCEA English core literacy Achievement Standards.

The course will be assessed to the Level 1 English Achievement Standard Level

Type	Level	Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
English	1	90052 1.4	Produce creative writing	3	Internal	L
English	1	90053 1.5	Produce formal writing	3	Internal	L
English	1	90857 1.6	Construct and deliver an oral presentation	3	Internal	L
English	1	90855 1.7	Create a visual and verbal text	3	Internal	L
English	1	90853 1.9	Use information literacy skills to present understandings	4	Internal	L
English	1	90854 1.10	Read texts independently and present personal responses	4	Internal	L
NCEA TOTAL number of credits available towards the Level 1				20		

Note: 10 credits from Level 1 English Achievement Standards is the minimum core literacy requirement for the award of the NCEA Level 1 certificate

Contact Person

Ms L Walker

FOOD TECHNOLOGY and NUTRITION (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Year 10 Food Technology preferred or teacher approval

Course/Course Content

This course is for you if you are interested in becoming a food technologist, dietician, food technology teacher or careers in other areas of the food related industry in conjunction with science.

Objectives:

- To maintain effective food safety practices while working with food
- To develop skill in technological enquiry and practice in the food related area
- To plan and prepare food to meet nutritional needs during adolescence
- To analyse nutritional information and the effects of advertising on food choices

Content:

- Time Management, planning and decision making
- Practical food preparation and presentation
- Recipe adaptation and product development
- Safe and hygienic food practices in home/industry
- Nutritional needs for adolescence
- Food labelling

Assessment

Internal: 65%

External: 35%

Achievement Standard	Description	Credits	Assessment
91082 (Tech 1.60)	Implement Basic procedures to process a specified product	4	Internal
90961 HEc (1.6)	Describe how nutritional information and packaging can influence food choices and well-being.	4	External
Unit standard	Description	Credits	Assessment
15620	Apply knowledge of hygiene and safety in preparation, serving, and storage of food.	6	Internal
21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	4	Internal
15901	Prepare and present fruit and vegetables in the hospitality industry	3	Internal
497	Demonstrate knowledge of workplace health and safety requirements	3	Internal
TOTAL number of credits available towards the Level 1 NCEA		24	

Costs

\$40 Consumable food fee.

Students get to cook and consume the food items prepared.

Contact Person/s

Ms Gee, Mrs Foxall

FRENCH AS A SECOND LANGUAGE (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Year 10 French (or a proven ability to Year 10 level)

Course/Course Content

Objectives

- To communicate effectively in the French language by developing competence in the four language skills: listening, speaking, reading, writing
- To learn about the French culture e.g. daily life, festivals, geographical regions
- To provide an extra dimension for career opportunities
- To enjoy using a second language in meaningful situations

Content

Topics continue to stress communication, and focus on both personal details, and life in French speaking countries. They include:

- Sport and leisure
- Paris
- Making purchases in a shop
- Describing one's town
- Giving and asking directions
- Ordering and paying for a meal in a restaurant
- Describing New Zealand and its location
- Holidays and Travel
- Health
- Daily Routines

Assessment

During the year students have two exams as practice for the external NCEA standards, as well as testing towards the grades of the three internal NCEA assessments. They also have regular testing of topics.

Internal: 58%

External 42%

Achievement Standard	Description	Credits	Assessment
AS90878 1.1	Demonstrate understanding of a variety of spoken French texts relating to areas of most immediate relevance	5	External
AS90879 1.2	Give a spoken presentation in French that communicates a personal response	4	Internal
AS90880 1.3	Interact using spoken French to communicate personal information, ideas and opinions in different situations	5	Internal
AS90881 1.4	Demonstrate understanding of a variety of French texts relating to areas of most immediate relevance	5	External
AS90882 1.5	Write a variety of text types in French on areas of most immediate relevance	5	Internal
TOTAL number of credits available towards the Level 1 NCEA		24	

Cost

Vocabulary and sentence practice book \$20 which the students keep. Online vocabulary learning \$10.

Year 12 French Guideline(s)

An achieved grade at NCEA level 1 French in each assessed achievement standard OR Head of Department approval

Contact Person

Mrs Harris

GERMAN AS A SECOND LANGUAGE (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Year 10 German (or a proven ability to Year 10 level)

Course/Course Content

Objectives

- To communicate effectively in the German language by developing competence in the four language skills: listening, speaking, reading, writing
- To learn about the German culture e.g. daily life, festivals, geographical regions
- To provide an extra dimension for career opportunities
- To enjoy using a second language in meaningful situations

Content

Topics continue to stress communication, and focus on both personal details, and life in German speaking countries. They include:

- School and Careers
- Hobbies
- Family and Home
- Daily Routines
- Making purchases in a shop
- Describing one's town
- Giving and asking directions
- Ordering and paying for a meal in a restaurant
- Describing New Zealand and its location
- Germany
- Travel and Holidays
- Health

Assessment

During the year, students have two exams as practice for the NCEA external standards, as well as testing towards the grades of the three internal assessments. They also have regular testing of topics.

Internal: 58%

External: 42%

Achievement Standard	Description	Credits	Assessment
AS90883 1.1	Demonstrate understanding of a variety of spoken German texts relating to areas of most immediate relevance	5	External
AS90884 1.2	Give a spoken presentation in German that communicates a personal response	4	Internal
AS90885 1.3	Interact using spoken German to communicate personal information, ideas and opinions in different situations	5	Internal
AS90886 1.4	Demonstrate an understanding of a variety of German texts on areas of most immediate relevance	5	External
AS90887 1.5	Write a variety of text types in German on areas of most immediate relevance	5	Internal
TOTAL number of credits available towards the Level 1 NCEA		24	

Cost

Write-on workbook which the students get to keep \$20.00 (includes all vocabulary and grammar).

Online vocabulary learning \$10.

Year 12 German Guideline(s):

An achieved grade in NCEA Level 1 German in each assessed achievement standard OR Head of Department approval

Contact Person

Mrs Harris

GEOGRAPHY (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Open Entry: With approval of the Faculty Manager.

Course/Course Content

Objectives

- Develop skills and techniques used in geographic inquiry and interpretation
- Develop an understanding of the physical environment and its inter-relationship with people
- Develop an understanding of people's social and economic needs and values

Content

- Extreme Natural Events - Tropical Cyclones in the South-West Pacific and Hurricane Katrina
- Population Studies - New Zealand and Monsoon Asia Population
- Special Studies - Global issue
 - Contemporary Geographic Issue
 - Geographic Research (includes a field trip)
- Skills - Map interpretation and construction
 - Graph interpretation and construction
 - Statistical interpretation

Assessment

Achievement/Unit Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
91007 (1.1)	Demonstrate geographic understanding of an extreme natural event	4	External	L
91008 (1.2)	Demonstrate geographic understanding of population concepts	4	External	L
91010(1.4)	Apply concepts and basic skills to demonstrate understanding of a given environment	4	External	N
91011 (1.5)	Conduct geographic research with direction	4	Internal	L
	<i>Counts for Numeracy as well</i>			N
91012 (1.6)	Describe aspects of a contemporary New Zealand geographic issue	3	Internal	L
91013 (1.7)	Describe aspects of a geographic topic at a global scale	3	Internal	L
TOTAL number of credits available towards the Level 1 NCEA		22		

Year 12 Geography Guideline(s):

At least 16 credits which must include AS 91010 (1.4) and AS 91011 (1.5) or Year 12 English requirement and/or HOD Approval

Contact Person/s

Ms Gibb, Ms Tomlinson, Ms Willingale

HISTORY (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Open with HOD Approval

Course/Course Content

Objectives

- Develop skills of enquiry, interpretation and communication.
- Develop an understanding of other people, times and places.
- Develop an awareness of ourselves as New Zealanders.

Content

- The Morality of War
- Origins of World War Two.
- Hiroshima and the Atomic Bomb.
- The Easter Rising

Assessment

Internal: 70%

External: 30%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
91001 (1.1)	Carry out an investigation of an historical event, or place, of significance to New Zealanders	4	Internal	L
91002 (1.2)	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	4	Internal	L
91003 (1.3)	Interpret sources of an historical event of significance to New Zealanders	4	External	L
91004 (1.4)	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	4	Internal	L
91006 (1.5)	Describe the causes and consequences of an historical event	4	External	L
91016 (Art History 1.2)	Demonstrate understanding of the subject matter of art works	4	Internal	L
TOTAL number of credits available towards the Level 1 NCEA		20		

The assessments for all internal standards will utilise topics studied in class. Students will have the opportunity to re-sit all internal standards.

Year 12 History Guideline(s):

A minimum of 12 credits in Level 1 History OR Year 12 English requirements.

Contact Person/s

Mr McCormack, Mr Hurdell

MATHEMATICS (Year 11)

NCEA Level 1 - (Specialist Mathematics 11 MAS)

Guideline(s)/Minimum Entry

Complete ALP course Y10 and achieve well in end of year exam. Students who excel in mainstream will be considered. Approval by Faculty Manager.

Course/Course Content

Objectives

Candidates will be expected to

- Demonstrate mathematical skills, concepts and understanding in the Mathematical Processes, Measurement,, Geometry, Algebra and Statistics curriculum strands
- Apply these skills, concepts and understandings to familiar and unfamiliar problems arising in real and simulated situations
- Demonstrate the ability to select and use appropriate mathematical techniques in problem solving
- Demonstrate the ability to reason logically and systematically
- Demonstrate the ability to communicate mathematical ideas

Assessment

Internal: 48%

External: 52%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
91026 (1.1)	Apply numeric reasoning when solving problems	4	Internal	N
91027 (1.2)	Apply algebraic methods	4	CAT	N
91028 (1.3)	Investigate relationships between tables, equations or graphs	4	External	N
91031 (1.6)	Apply geometric reasoning	4	External	N
91026 (1.11)	Use the statistical enquiry cycle to investigate bivariate numerical data	3	Internal	N
	<i>Counts for Literacy as well</i>			L
91037 (1.12)	Demonstrate understanding of chance and data	4	External	N
<i>TOTAL number of Credits available towards the Level 1 NCEA</i>		23		

Year 12 Mathematics Minimum Entry Guideline(s):

12 MSL (Maths Single Level 2) – A minimum of 16 Level 1 credits including 1.2(Algebra) and 1.3 (Graphs) at Merit level.

12 MCL (Maths Combined Levels 1 & 2) – A minimum of 15 Level 1 credits including 1.2 (Algebra).

The 15 credits DO NOT include any credits from NCEA Level 1 Mathematics Unit Standards.

Cost

Approximately \$25 Year 11 Homework book. Other revision material available are study passes which costs about \$12 and exam revision booklet that costs about \$10.00 each. All of these are retained by the students.

Equipment Required

Casio Power Graphic Calculator fx-9750 or similar. Approximate cost \$90.

Contact Person

Faculty Leader - Mrs Fuge

MATHEMATICS (Year 11)

NCEA Level 1 (Mathematics 11MAT)

Guideline(s)/Minimum Entry

Year 9 and Year 10 course completion to an achievement level and above

Course/Course Content

Objectives

Candidates will be expected to

- Demonstrate mathematical skills, concepts and understanding in the Mathematical Processes, Measurement,, Geometry, Algebra and Statistics curriculum strands
- Apply these skills, concepts and understandings to familiar and unfamiliar problems arising in real and simulated situations
- Demonstrate the ability to select and use appropriate mathematical techniques in problem solving
- Demonstrate the ability to reason logically and systematically
- Demonstrate the ability to communicate mathematical ideas

Assessment

Internal: 64%

External: 36%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
91026 (1.1)	Apply numeric reasoning when solving problems	4	Internal	N
91027 (1.2)	Apply algebraic methods	4	CAT	N
91028 (1.3)	Investigate relationships between tables, equations or graphs	4	External	N
91032 (1.7)	Solve measurement problems involving right angled triangles	3	Internal	N
91026 (1.11)	Use the statistical enquiry cycle to investigate bivariate numerical data	3	Internal	N
	<i>Counts for Literacy as well</i>			L
91037 (1.12)	Demonstrate understanding of chance and data	4	External	N
TOTAL number of Credits available towards the Level 1 NCEA		22		

Year 12 Mathematics Minimum Entry Guideline(s):

12 MSL (Maths Single Level 2) –A minimum of 16 Level 1 credits including 1.2(Algebra) and 1.3(Graphs) at Merit level.
 12 MCL (Maths Combined Levels 1 & 2) –A minimum of 15 Level 1 credits including 1.2 (Algebra) . The 16 credits DO NOT include any credits from NCEA Level 1 Mathematics Unit Standards.

Cost

Approximately \$25 Year 11 Homework book. Other revision material available are study passes which costs about \$12 and exam revision booklet that costs about \$10.00 each. All of these are retained by the students.

Equipment Required

Casio Power Graphic Calculator fx-9750. Approximate cost \$90.

Contact Person

Faculty Leader - Mrs Fuge

MATHEMATICS APPLIED I (Year 11)

NCEA Level 1 (11MAA)

Guideline(s)/Minimum Entry

Students who have generally struggled in Mathematics would be considered for this course. Approval by the Faculty Leader.

Course/Course Content

Objectives

This course is designed to give students the opportunity to demonstrate mathematical skills, concepts and understanding in the Mathematical Processes, Number, Measurement, Geometry and Statistics curriculum strands

- To solve problems in everyday situations. It gives opportunities for students struggling with some abstract concepts of mathematics to make sense of mathematics and thus apply the skills to real concrete situations.
- Choose appropriate technology to solve problems
- Apply these skills, concepts and understandings to familiar and unfamiliar problems arising in real and simulated situations
- Demonstrate the ability to select and use appropriate mathematical techniques in problem solving
- Demonstrate the ability to communicate mathematical ideas. To interpret information and express mathematical ideas and results clearly

Assessment

Internal: 100%

Level	Unit Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
1	91026 (1.1)	Apply numeric reasoning when solving problems	3	Internal	N
1	91029 (1.4)	Apply linear algebra in solving problems	3	Internal	N
1	91032 (1.7)	Solve measurement problems involving right angled triangles	3	Internal	N
1	91033 (1.8)	Apply knowledge of geometric representations	3	Internal	N
1	91036 (1.11)	Use the statistical enquiry cycle to investigate bivariate numerical data	3	Internal	N
		<i>Counts for Literacy as well</i>			L
1	91038 (1.13)	Investigate a situation involving elements of chance	3	Internal	N
		<i>Counts for Literacy as well</i>			L
TOTAL number of Credits available towards the Level 1 NCEA			17		

Year 12MCL Mathematics Minimum Entry Guideline(s):

12 MCL (Maths Combined Levels 1 & 2) – A minimum of 15 Level 1 credits.

The 15 credits DO NOT include any credits from NCEA Level 1 Mathematics Unit Standards.

12 MAA (Maths Applied II) – A fully internal course for students who struggle at Mathematics but wish to gain University Entrance.

Cost

Approximately \$25 for homework book which students keep.

Contact Person

Faculty Leader - Mrs Fuge

MEDIA STUDIES (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Gain an Achieved grade or higher in 7 out of 11 assessments in Year 10 Media Studies. Or with HOD approval.

Course/Course Content

Objectives

This course offers an insightful look into different types of media that will interest those who are keen on exploring the world around them. This course is ideal for those with a creative flair, and those who are interested in analysing how the media works. A detailed and refreshing approach in evaluating short and feature lengths films will be studied, as well as the language of film. Video production will enhance skills and experience in the following areas: camera work, editing, lighting, sound and directing. Media genres that will be covered during the course include: film, television, magazines, newspapers and documentary film.

Content

- Close read a range of media products and explore the language used
- Analyse news coverage of current issues/events
- In-depth study of a media genre
- Design a concept, treatment for a short media product and work in a group to produce a script and storyboard for this design.
- Develop, shoot and edit the production

Assessment

Achievement Standards	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
1.2	Demonstrate understanding of selected elements of media text(s)	3	Internal	L
1.3	Demonstrate understanding of the media coverage of a current issue or event	4	External	L
1.4	Demonstrate understanding of characteristics of a media genre	4	External	L
1.5	Produce a design and plan for media product using a specified range of conventions	3	Internal	
1.6	Complete a media product using a specified range of conventions from a design and plan	6	Internal	
TOTAL number of credits available towards Level 1 NCEA		20		

Contact Person/s

Mr J Goodier

MUSIC (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Approval by HOD

Course/Course Content

Objectives

A practically-based course with an emphasis on performance and composition, but covering a broad range of musical knowledge and skills:

Specifically:

- developing practical knowledge in music
- composing music
- solo and group performance

Content

- Performance – solo and ensemble on an instrument of student's choice including voice. Opportunities for instrument /voice lessons are offered.
- Listening to music and learning to write it down
- Composition using music software :Sibelius", "Guitar Pro" or other tools.
- Materials - reading and writing music and applying skills to music scores.

Assessment

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
AS91090	Perform two pieces of music as a featured soloist	6	Internal	
AS91091	Demonstrate ensemble skills through performing a piece of music as a member of a group	4	Internal	
AS91092	Compose two original pieces of music	6	External	
AS91093	Demonstrate aural and theoretical skills through notation.	4	External	
AS91094	Demonstrate knowledge of conventions used in music scores	4	External	L
<i>TOTAL number of credits available towards the Level 1 NCEA</i>		<i>24</i>		

Students can select from the standards above with the guidance of Faculty Manager. In most cases students will complete a course of 24 credits.

Year 12 Music Guideline(s):

An achieved grade in 4 achievement standards at NCEA Level 1 Music or HOD approval.

Cost

Resource materials / CD's \$10

Tuition (if required) \$75

APO Concert \$15

Contact Person

Mrs Myhre

National Certificate in Building, Construction and Allied Trades Skills (BCATS) Level One

NCEA Level 1 & 2

Guideline(s)/Minimum Entry

Students need to show an interest, and some practical ability in engineering and woodwork.

BConstructive is a hands-on qualification. It is an innovative, practical and multi-disciplinary programme for students, providing them with the skills and knowledge to springboard into any career in the construction industry

The BConstructive programme is primarily workshop based. Rather than focusing on any one trade the programme builds skills and an understanding of all trades in the construction industry. It also develops literacy, numeracy and communication skills and has close links with the NCEA and Technology curriculums.

This course allows students to gain the National Certificate in Building, Construction and Allied Trades Skills (BCATS) Level One

Course Content

- The safe and correct use of engineering and woodworking hand tools to produce a range of products
- Reading and interpreting plans to aid in the construction of various products
- The construction of furniture using a range of joining methods

Assessment Internal 100%

Level	Unit Standard	Description	Credits	Assessment
1	24355	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	4	Internal
2	12927	Identify, select, maintain, and use hand tools for BCATS projects	6	Internal
2	12932	Construct timber garden furniture and items of basic construction equipment as a BCATS project	8	Internal
1	25919	Use hardware and fastenings for a BCATS project	2	Internal
1	24352	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS project	2	Internal
1	24356	Apply elementary workshop procedures and processes for BCATS projects	8	Internal
1	18917	Use basic hand joints in furniture making	3	Internal
TOTAL number of credits available towards the Level 1 & 2 NCEA & National Certificate in (BCATS) Level Two			33	

Cost

\$60 for the cost of materials used to produce project work which the students keep.

Contact Person

Mr Gowers

PHYSICAL EDUCATION (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

- Effort grades for year 10 Physical Education reports must be consistently good.
- Students must have shown a positive attitude towards Physical Education during years 9 and 10.
- Discretion of Teacher in charge.

Course/Course Content

Objectives

- To acquire knowledge and understanding about the contribution of physical activity to a healthy lifestyle
- To develop interpersonal skills in group and team situations
- To develop an understanding of the factors that contribute to and affect skilled physical performance
- To acquire knowledge and understanding of body structure and function
- To participate in a wide range of physical activities

Content

- Physical Activities Effects on Health/Wellbeing.
- Body Image
- Effective Team Work
- Improving Performance in Physical Activities
- Body structure and function – Basic Anatomy, Biomechanics, and Physiology
- Wide Range of Physical Activities

Assessment

Internal 100%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90067 (1.1)	Participate in Physical activities and describe how this influenced hauroa/ well being	5	Internal	
90068 (1.2)	Demonstrate knowledge of body structure and function in the performance of a physical activity	5	Internal	L
90524 (1.3)	Demonstrate and describe the quality of movement in a physical activity	3	Internal	
90075 (1.5)	Use strategies to develop interpersonal skills in a group or team	4	Internal	L
90968 (1.7)	Demonstrate and show understanding of, responsible behaviour for safety during outdoor education activities	3	Internal	
90970 (1.9)	Demonstrate self management strategies and describe the effects on participation in physical activity	3	Internal	
TOTAL number of credits available towards the Level 1 NCEA		23		

Year 12 Physical Education Guideline(s):

An achieved grade in four of the assessed Level 1 Achievement Standards.
Discretion of Teacher in charge

Cost

\$50 Activity Fee. i.e. trips and excursions where there are specialist providers.
\$245.00 Camp Fee.

Contact Person

Mr R Thompson

SPORTS STUDIES (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

- Effort grades for year 10 Physical Education reports must be consistently good.
- Students must have shown a positive attitude towards Physical Education during years 9 and 10.
- Discretion of Teacher in charge.
- Students must be actively involved in sport in school or through a club.

Course/Course Content

Objectives

- To acquire knowledge and understanding about the contribution of physical activity to a healthy lifestyle
- To develop interpersonal skills in group and team situations
- To develop an understanding of the factors that contribute to and affect skilled physical performance
- To participate in a wide range of physical activities

Content

- Participate in team and individual sports.
- Set goals relating to your own performance
- Effective Team Work and coaching others to succeed in physical activities
- Experience camping and tramping
- Demonstrate interpersonal skills and describe their effects on the functioning of a group or team.

Assessment

Internal 100%

Unit Standard	Description	Credits	Assessment
14236	Goals to wellbeing	2	Internal
12527	Participate in different physical activities	2	Internal
12530	Participate in different team sports	3	Internal
12532	Participate in different individual sports	3	Internal
12537	Assist others to participate in physical activity	2	Internal
505	Manage personal physical fitness with guidance	3	Internal
425	Experience day tramps	3 (level 2)	Internal
TOTAL number of credits available towards the Level 1 NCEA		18	

Year 12 Outdoor Education Guideline(s):

An achieved grade in four of the assessed Level 1 Unit Standards.

Discretion of Teacher in charge

Full commitment towards the year 11 sport studies programme

Cost

\$50 Activity Fee for trips and excursions where there are specialist providers (including student workbooks which they keep).

\$300.00 Camp Fee.

Contact Person/s

Mr R Thompson

SCIENCE (Year 11)

NCEA Level 1 (Integrated)

Guideline(s) / Minimum Entry

Approval by the Faculty Manager

Year 9 and Year 10 course completion to a satisfactory standard, otherwise students are expected to progress to NZASE Science

Course/Course Content

Objectives

This course will advance learning in Science by:

- Helping students understand their Living, Material, Physical Worlds and the wider Environment, aspects of Technology.
- Helping students to investigate their world in scientific ways
- Providing opportunities for students to develop the attitudes on which scientific investigation depends.
- Helping students to realise that Science is an essential part of their own and everyone's everyday world.
- Developing the view of Science as both a process and a set of ideas which have been constructed by everyday people to explain both everyday and unfamiliar phenomena
- Encouraging students to consider the ways in which people have used Science and Technology to meet everyday needs, to consider issues rationally, and to make decisions about the usefulness and worth of ideas
- Nurturing scientific talent to ensure that people of the community are more scientific
- Developing students' interest in understanding of the knowledge and processes of science which form the basis of many of their future careers

Content Year 11 MODULES:

Acids & Bases

Energy

Genetics

Carbon Cycle

Force and Motion

Fuels

Assessment

Internal:40 %

External: 60 %

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90940 (1.1)	Demonstrate understanding of aspects of mechanics	4	External	N
90944 (1.5)	Demonstrate an understanding of chemical ideas relating to acids and bases	4	External	
90948 (1.9)	Describe understanding of genetic variation	4	External	L
90945 (1.6)	Investigate the implications of the use of carbon compounds as fuels	4	Internal	
90953 (1.4)	Demonstrate understanding of carbon cycling	4	Internal	L
TOTAL number of credits available towards the Level 1 NCEA		20		

The content will be related to relevant topics from the curriculum

Year 12 Biology Guideline(s)

At least 12 credits at Level 1 NCEA Science

Attain at least an achieved grade in the Level 1 Achievement Standards related to Biology AND

Achieve all numeracy and literacy requirements in Level 1

Approval may also be given by the Faculty Manager

Year 12 Chemistry Guideline(s)

At least 12 credits at Level 1 NCEA Science

Attain at least an achieved grade in the Level 1 Achievement Standards related to Chemistry AND

Achieve all numeracy and literacy requirements in Level 1

Approval may also be given by the Faculty Manager

Year 12 Physics Guideline(s)

At least 12 credits at Level 1 NCEA Science

Attain at least an achieved grade in the Level 1 Achievement Standards related to Physics AND

Achieve all numeracy and literacy requirements in Level 1

Approval may also be given by the Faculty Manager

Cost

ALL students must purchase three workbooks. Approximate total cost \$25.

Students keep these workbooks.

Contact Person/s

Mr McKie or your Science teacher

SCIENCE (Year 11)

NCEA Level 1 (Specialist)

Guideline(s) / Minimum Entry

Approval by the Faculty Manager

Year 9 and Year 10 course completion to a high standard, otherwise students are expected to progress to NCEA Level 1 Science (Integrated) or NZASE Science

Course/Course Content

Objectives

This course will advance learning in Science by:

- Helping students understand their Living, Material, Physical Worlds and the wider Environment, aspects of Technology.
- Helping students to investigate their world in scientific ways
- Providing opportunities for students to develop the attitudes on which scientific investigation depends.
- Helping students to realise that Science is an essential part of their own and everyone's everyday world.
- Developing the view of Science as both a process and a set of ideas which have been constructed by everyday people to explain both everyday and unfamiliar phenomena
- Encouraging students to consider the ways in which people have used Science and Technology to meet everyday needs, to consider issues rationally, and to make decisions about the usefulness and worth of ideas
- Nurturing scientific talent to ensure that people of the community are more scientific
- Developing students' interest in understanding of the knowledge and processes of science which form the basis of many of their future careers

Content

The course will consist of modules that will develop the student's ability to:

- Process and interpret and communicate scientific information
- Communicate scientific information
- Use scientific knowledge and understanding to describe and/or explain phenomena in the following contexts
 - * Genetics
 - * Acids & Bases
 - * Electricity and Magnetism
 - * Forces
 - * Fuels
 - * Micro-organisms
 - * The carbon Cycle
 - * Getting Along With Energy
 - * Carbon Chemistry

Assessment

Internal: 0 %

External: 100 %

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90940 (S1.1)	Demonstrate understanding of aspects of mechanics	4	External	N
90944 (S1.5)	Demonstrate an understanding of chemical ideas relating to acids and bases	4	External	
90948 (S1.9)	Describe understanding of genetic variation	4	External	L
90937 (P1.3)	Demonstrate understanding of aspects of electricity and magnetism	4	External	N
90932 (C1.3)	Demonstrate understanding of aspects of carbon chemistry	4	External	
90927 (B1.3)	Demonstrate understanding of biological ideas relating to micro-organisms	4	External	L

TOTAL number of credits available towards the Level 1 NCEA

24

The content will be related to relevant topics from the curriculum

Year 12 Biology Guideline(s)

At least 12 credits at Level 1 NCEA Science

Attain at least an achieved grade in the Level 1 Achievement Standards related to Biology. AND

Achieve all numeracy and literacy requirements in Level 1

Approval may also be given by the Faculty Manager

Year 12 Chemistry Guideline(s)

At least 12 credits at Level 1 NCEA Science

Attain at least an achieved grade in the Level 1 Achievement Standards related to Chemistry. AND

Achieve all numeracy and literacy requirements in Level 1

Approval may also be given by the Faculty Manager

Year 12 Physics Guideline(s)

At least 12 credits at Level 1 NCEA Science

Attain at least an achieved grade in the Level 1 Achievement Standards related to Physics. AND

Achieve all numeracy and literacy requirements in Level 1

Approval may also be given by the Faculty Manager

Cost

ALL students must purchase a workbook for each Achievement Standard. Approximate total cost \$40.00.

These are retained by the students.

Contact Person/s

Mr McKie or your Science teacher

SCIENCE - NZASE (Year 11) (SCA)

Guideline(s)/Minimum Entry

Year 10 Science

For students with special needs in Science

Course/Course Content

Objectives

The New Zealand Association of Science Educators (NZASE) offers students an alternative Year 11 programme based on achievement standards and the NZASE Science Certificate Criteria. Students may obtain recognition with both NCEA credits and/or a Gold / Silver / Bronze NZASE Certificate (recognised qualification).

Content

- Metals
- Earth Science
- Microbiology
- Heat Energy

Assessment

Unit tests, practical investigations and projects are assessed to give either Bronze, Silver or Gold level certificates.

Internal 100%

Level	Unit Standard	Description	Credits
1	90943 S1.4	Investigate the implication of heat in everyday life.	4
1	90944 S1.7	Investigate the implications of the properties of metals to their use in society.	4
1	90950 S1.11	Investigate interactions between humans and micro-organisms.	4
1	90955 S1.16	Investigate an astronomical or Earth Science event. This will be based around the Christchurch earthquake.	4
<i>TOTAL number of credits available towards the Level 1 NCEA</i>			16

Cost:

No cost

Contact Person/s

Mr McKie, Mrs Singh

TECHNOLOGY (Soft Materials)

(Year 11)

NCEA Level 1

Pre-requisite/Minimum Entry

Teacher approval

Course/Course Content

This course is for you if you are interested in careers in the fashion world e.g. Fashion designer, textile designer, pattern cutter, fashion journalist, etc

Objectives

- To develop skill in technological inquiry and practice in the textile related area.
- To develop skills in the use of the sewing machine and in garment construction.
- To encourage creativity in design

Content

- Machine skills and competency
- Fashion Drawing - from concept ideas to finished product
- Technology projects – Fashion and Fashion Accessories.
- Using commercial pattern to construct garment/s of own choice.
- Fashion designers and their influences on garment designs.
- Adjust patterns for personal fit

Assessment

Internal: 90% External 10%

Level	Achievement/Unit Standard	Description	Credits	Assessment
1	Tech AS 1.21 91058	Implement basic procedure using textiles when constructing a specified product.	6	Internal
1	Tech AS 1.3 91046	Demonstrate the use of design ideas to develop a conceptual design to address a brief.	6	Internal
1	Tech AS 1.34 91067	Use the work of an influential designer to inform own design ideas.	3	Internal
1	Tech AS 1.23 91060	Demonstrate understanding of basic concepts used to make products from textile materials	4	Internal
1	Tech AS 1.10 91053	Demonstrate understanding of design elements	3	External
TOTAL number of credits available towards the Level 1 NCEA			22	

Year 12 Soft Material Technology prerequisites:

NCEA Level 1 Soft Material Technology or
Teacher-in-charge approval.

Cost

\$40 Consumables, Material and Equipment pack costs for project work.
Students keep the projects they make. Students to provide own fabrics and notions.

Contact Person

Ms Gee

TE REO MĀORI – Maori Language (Year 11)

Guidelines/Minimum Entry

Year 10 Te Reo Māori (or proven ability to Year 10 level)

Course/Course Content

Objectives

- To communicate effectively in Te Reo Māori by developing competence in the four language skills: listening, speaking, reading, writing
- To learn about Tikanga Māori (Maori Culture) and its relevance in society today
- To provide a window into Te Ao Māori (Maori Society) and enjoying what it is like to be bilingual in a multi-cultural society.

Content

Topics continue to stress the communicative approach, and focus on both personal details; whanau, hapu, iwi affiliations all that entails. They include:

- Te Kura
- Te Whanau, hapu, iwi
- Taku whakapapa
- Pakiwaitara
- Nga mahi a te kainga
- Nga takaro
- He hauora
- Nga Tikanga o te marae

Assessment

During the year students have two exams as practice for the external NCEA standards, as well as testing towards the grades of the internal NCEA assessments. They also have regular testing of topics.

Internal

External

Achievement Standard	Description	Credits	Assessment
AS91085 1.1	Whakarongo: Demonstrate understanding of a variety of spoken Maori texts relating to areas of most immediate relevance	6	Internal
AS91086 1.2	Korero: Give a spoken presentation in Maori that communicates a personal response	6	Internal
AS91087 1.3	Panui: Reading – Ability to read selected texts with understanding	6	External
AS91088 1.5	Tuhi i te reo o tona ao Write a variety of text types in Maori on areas of immediate relevance.	6	Internal
Total	Number of credits available towards Level 1 NCEA	24	

Cost

Workbook which students keep \$20.

Online vocabulary learning \$10.

Year 12 Maori Guidelines

An achieved grade at NCEA level 1 Maori in each assessed achievement standard OR Head of Department approval

Contact Person

Mrs Harris

VISUAL ART – Practical Art (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Year 10 Art.

It must be noted that due to the changes in the New Zealand curriculum that Year 11 students can take Practical Art or Photography but **NOT** both. It is strongly recommended that students who study year 11 practical art continue their practical art studies in Year 12 and 13.

Course/Course Content

A course in practical Art that develops observational and creative skills in drawing, painting and mixed media using a theme inspired by the New Zealand environment

Objectives: to develop

- Visual awareness and creativity
- Personal style and application of technique
- A critical understanding of student's own work and the work of both New Zealand and European established practitioners.

Content

- 1.2 - Drawing and painting from direct observation.
- 1.3 - Drawing, painting and mixed media experimental work using photographic research from the local environment.
- 1.4 (2 folio boards) – A series of art works developed from the internally assessed assignments and informed by the works of European and New Zealand artists.

Assessment

Achievement Standard	Description	Credits	Assessment
1.2 (90914)	Use drawing methods for recording information using wet and dry media	4	Internal
1.3 (90915)	Use drawing conventions to develop work in more than one field of practice	6	Internal
1.4 (90916)	Produce a body of work informed by established practice, which develops ideas, using a range of media.	12	External
<i>TOTAL number of credits available towards the Level 1 NCEA</i>		20	

Year 12 Practical Art Guideline(s):

Achieved or higher in Year 11 Practical Art 1.2, 1.3, and 1.4

Cost

Materials fee \$65.00 (this includes a starter pack).

A3 folios are an additional \$12.00

Folio boards are an additional \$10.00 (for 2)

Students keep all items at the end of the course

Contact Person/s

Ms Massey

VISUAL ART- Photography (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Year 10 Art.

It must be noted that due to the changes in the New Zealand curriculum that Year 11 students can take Practical Art or Photography but **NOT** both. It is strongly recommended that students who study year 11 photography continue their photography studies in Year 12 and 13.

Course/Course Content

Objectives:

To develop an understanding and proficiency in using photographic practices and procedures.

Content

- Basic procedures and practices in camera use
- Use of digital media
- Art practices to generate and extend artistic ideas
- The study of work by New Zealand and international photographers

Assessment

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
1.1	Demonstrate understanding of artworks from cultural contexts using art terminology	4	Internal	L
1.4	Produce a body of work informed by established practice, which develops ideas, using a range of media.	12	External	
1.5	Produce a finished work that demonstrates skills appropriate to cultural conventions	4	Internal	
TOTAL number of credits available towards the Level 1 NCEA		20		

Cost

\$40.00 for ink which students use to print their photos which they keep.

Photographic paper as needed - \$100.00 – \$200.00

Note: It is preferable that students taking this course have access to a film camera at home although there are a small number of cameras which can be hired from the college.

Yr 12 Visual Art Photography guideline(s)

Achieved or higher in 1.1, 1.4, and 1.5 Year 11 Photography

Contact Person

Ms Bell

ACCOUNTING (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

A minimum of 13 out of the 17 available credits at NCEA Level 1 including AS 90026 (1.5)

Course/Course Content

Objectives

- Promote knowledge and understanding of accounting as a financial language for trading and service businesses
- Apply financial knowledge and skills to practical situations

Content

- The Conceptual Basis of Accounting
- Processing
- Accounting Systems
- Accounting Reports
- Decision Making

Assessment

Internal 15%

External 85%

Achievement Standard	Description	Credits	Assessment
(2.1)	Demonstrate understanding of accounting concepts for a sole proprietor that operates accounting subsystems	4	External
(2.2)	Demonstrate understanding of accounting subsystems for a trading firm	3	Internal
(2.3)	Demonstrate understanding of accounting processing	4	Internal
(2.4)	Prepare financial information for an entity that operates accounting subsystems	5	External
(2.5)	Interpret accounting information for sole proprietors that operate accounting subsystems	4	External
TOTAL number of credits available towards the Level 2 NCEA		20	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Accounting Guideline(s)(s):

A minimum of 15 credits out of the 20 credits available must include (2.4)

Cost

Workbooks \$30 and a Revision Book \$20 (approximately). Students retain these workbooks.

Contact Person

Ms Doherty

ART HISTORY (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

Passes in level 1 English externals and the formal writing internal.

Objectives

- to understand the styles of different artists and the characteristics of different art movements.
- to understand the contexts in which art is made and viewed.
- to understand how and why art media and processes are used

Course/Course Content

The course involves the study of:

Unit 1: 19th century French Art - Neoclassicism to Post Impressionism

Unit 2: Art in Aotearoa - New Zealand art from the mid 19th through to the 20th century.

External examination questions require a long answer response and are **not** essays. However, it is necessary for students to have a good level of English.

<i>Assessment</i>		<i>Internal 60%</i>	<i>External 40%</i>	
Achievement Standard	Description		Credits	Assessment
2.1	Examine the effects of formal elements of art works		4	External
2.3	Examine the influence of context(s) on art works		4	External
2.4	Examine how media are used to create effects in art works		4	Internal
2.5	Communicate an understanding of an art history topic		4	Internal
2.6	Respond to art works		4	Internal
TOTAL number of credits available towards the Level 2 NCEA			20	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Art History Guideline(s)(s):

An achieved grade in each of the achievement standards for NCEA Level 2 Art History

Cost

\$35 to cover commercially produced study guides which students retain.

Contact Person

Ms Massey

BIOLOGY (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

At least 14 credits in NCEA Science level 1, including at least achievement in the Biology related achievement standards, plus literacy & numeracy requirements, or Faculty Manager approval.

Course/Course Content

Biology is the study of living things. Gaining knowledge and skills in Biology is a useful and relevant preparation for many aspects of life, as well as being a subject that helps to explain many topical and interesting issues.

Objectives

- To develop a knowledge of basic facts, concepts and principles related to biology
- To foster an understanding of important biological concepts and principles by applying them to the ways in which biotechnology is helping to meet human needs or demands
- To foster an understanding of current issues in biology
- To develop scientific skills and attitudes

Content

- Cell Biology
- Taxonomy (classification)
- Microscope Use
- Biological Investigations
- Genetics
- Evolution
- Ecology

Assessment *Internal 48%* *External 52%*

Achievement Standard	Description	Credits	Assessment
2.1	Carry out a practical investigation in a biology context, with supervision	4	Internal
2.4	Demonstrate understanding of life processes at the cellular level	4	External
2.5	Demonstrate understanding of genetic variation and change	4	External
2.6	Investigate a pattern in an ecological community	4	Internal
2.7	Demonstrate understanding of gene expression	4	External
2.8	Investigate biological material at the microscopic level	3	Internal
TOTAL number of credits available towards the Level 2 NCEA		23	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Biology Guideline(s):

A minimum of 12 credits attained, including AS 90459 (2.3 – Describe genetic variation and change).

Cost

Field trip \$20 (approx).

Course manual \$25.00 (approx). Students write-on and keep this manual.

Contact Person/s

Ms Fox, Ms Jan, Dr Nafissi

BUSINESS STUDIES (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

At least 14 credits at Level 1 in English or Business Studies or HOD Approval

Course/Course Content

Objectives

- Demonstrate an understanding of the internal and external influences on a large business
- Understanding the dynamics of a product based business in a market day scenario
- Develop an understanding of the market research

Content

- Internal features of a large business
- External influences on a large business
- Operational aspects of a large business
- Market Research
- Market Day Activity

Assessment

Internal: 50%

External: 50%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90843 (2.1)	Demonstrate understanding of the internal operations of a large business	4	External	L
90844 (2.2)	Demonstrate understanding of how a large business responds to external factors	4	External	L
90845 (2.3)	Apply business knowledge to a critical problem(s) in a given large business context	4	External	L
90846 (2.4)	Conduct market research for a new or existing product	3	Internal	L
90848 (2.6)	Carry out, review and refine a business activity within a community context with guidance	9	Internal	L
TOTAL number of credits available towards the Level 1 NCEA		24		

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Business Studies Guideline(s):

The intention is to roll out Level 3 Business Studies in 2012.

Cost

Possible start-up costs for market day: \$50.

Student Teams ("Companies") get to generate income and keep it.

Workbook: \$20. Students get to keep this workbook.

Contact Person/s

Mr Jeremic, Mrs Rothbart

National Certificate in Building Construction and Allied Trade Skills (BCATS) Level 2

NCEA Level 1 2 & 3

Guideline(s)/Minimum Entry

Students must have passed the BCATS Year 1 course (minimum 12 credits) and have the approval of Head of Faculty or teacher in charge.

Course/Course Content

Objectives

Students who participate in the BConstructive programme can go on to consider apprenticeships in a variety of trades such as: building, construction, plumbing, drain laying, roofing, gas fitting, painting and decorating, infrastructure, flooring and joinery. The programme also provides a good base for students who would like to enter other related areas of the construction industry such as architecture, quantity surveying and estimating. This course allows students to gain the National Certificate in Building, Construction and Allied Trades Skills (BCATS) Level Two

Content

BConstructive is a hands-on qualification. It is an innovative, practical and multi-disciplinary programme for students, providing them with the skills and knowledge to springboard into any career in the construction industry.

Assessment

Internal 100%

Level	Unit Standard	Description	Credits	Assessment
2	24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace.	6	Internal
2	24357	Receive instructions and communicate information in relation to BCATS projects	4	Internal
2	24358	Plan and monitor the construction of a BCATS project, and quality check the product	2	Internal
2	12927	Identify, select, maintain, and use hand tools for BCATS projects	6	Internal
2	24350	Identify, select, maintain, and use portable power tools for BCATS projects	6	internal
2	24360	Demonstrate knowledge of timber and other construction materials used in BCATS projects	5	internal
2	24351	Demonstrate knowledge of and use specified fixed machinery in the construction of BCATS projects	5	internal
2	12932	Construct timber garden furniture and items of basic construction equipment as a BCATS project	8	internal
3	6400	Manage first aid in emergency situations	2	internal
2	6401	Provide first aid	1	internal
1	6402	Provide resuscitation level 2	1	internal
TOTAL number of credits available towards Level 1, 2&3 NCEA & National Certificate in (BCATS) Level Two			46	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Cost

\$120 for the cost of materials used to produce project work which the students keep.

Contact Person

Mr Fraser

CHEMISTRY (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

At least 14 credits in NCEA level 1 science subjects including achievement or better in one or both of the externally assessed Level 1 Chemistry achievement standards, plus literacy and numeracy requirements

Course/Course Content

Objectives

- To investigate and develop the ways materials and chemical processes interact with people and the environment
- To carry out a range of practical investigations and use this and other information to explore chemical behaviour
- To understand important concepts in chemistry and major patterns of chemical behaviour

Content

- Atomic structure, bonding and related properties
- Chemical reactions
- Quantitative chemistry
- Organic chemistry

Assessment: Internal 30%, External 70%

Achievement Standard	Description	Credits	Assessment
C2.1	Carry out quantitative analysis	4	Internal
C2.4	Demonstrate understanding of bonding, structure and energy changes	5	External
C2.5	Demonstrate understanding of the properties of selected organic compounds	4	External
C2.6	Demonstrate understanding of chemical reactivity	4	External
C2.7	Demonstrate understanding of oxidation - reduction	3	Internal
TOTAL number of credits available towards the Level 2 NCEA		20	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Chemistry Guideline(s)(s):

A minimum of 15 credits attained. At least 3 of these must come from 2.2 and 2.3 (internal AS).

Cost

Approximately \$36.00 for: Laboratory Manual, Longman Beginning Chemistry Notes.
These are retained by the students.

Contact Person/s

Mr Hawcroft, Mrs Prakash, Mrs Singh

CLASSICAL STUDIES (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

Year 12 English requirements and/or Head of Department approval
An interest in history, literature, politics, philosophy and classical civilisations

Course/Course Content

Objectives

- To provide students with a knowledge and appreciation of selected areas of classical Greek civilisation
- To encourage students to make comparisons between classical civilisation and contemporary New Zealand
- To provide learning experiences in different types of subject information, evidence and argument.

Content

At this stage, students will be studying 'Everyday Life in Fifth Century Athens', 'Politics, Personalities and War', 'Greek Tragedy' and 'Art and Architecture'. Internal Assessment topics are likely to be based around a key event in the classical world and a comparison between an ancient text and a modern interpretation, e.g. a film. *Topics and internal assessment may be subject to change.*

- Advanced reading skills and analysis are requirements of the course
Texts include history, philosophy and politics at an advanced level, including works by Aristotle and Sophocles.

Assessment *Internal* 42% *External* 58%

Achievement Standard	Description	Credits	Assessment
2.1	Examine ideas and values of the classical world	4	External
2.2	Examine the significance of features of work(s) of art in the classical world	4	External
2.3	Examine a significant event in the classical world	4	Internal
2.4	Demonstrate understanding of socio-political life in the classical world	6	External
2.5	Demonstrate understanding of the influence of aspects of the classical world on other cultures	6	Internal
TOTAL number of credits available towards the Level 2 NCEA		24	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Classical Studies Guideline(s):

5 out of 9 achievement grades in NCEA Level 2 English, or Head of Faculty permission
15 credits in Level 2 Classical Studies, or Head of Faculty permission.

Contact Person

Mrs Champness or Ms Gibb

COMPUTING Year 12: Introduction to Website Development

NCEA Level 2

Guideline(s)/Minimum Entry

- Basic keyboarding skills
- Successful completion of Year 11 Programming or 11 Computing
- Instructor approval

Course/Course Content

NOTE: Both Computing and Technology are university approved subjects.

This course combines a computing qualification course: IN500 (taught in partnership with Manukau Institute of Technology) with a combination of NCEA Technology (ICT) Achievement Standards and Computing Unit Standards. Students who successfully complete this course receive a certificate of completion from M.I.T. which counts toward the Diploma in Information and Communications Technology. All the unit standards included in this course contribute towards the National Certificate in Computing.

Objectives

- To gain an understanding of the function and design of the Internet and its applications
- To develop skills related to digital technological practice
- To gain digital technological knowledge
- To develop an understanding of the nature of digital technology
- To develop the skills required for planning, designing, creating, developing, and evaluating a website

Content

- Internet applications, resources and the practical skills involved in using Internet applications
- The Website Development Cycle
- Development of a website utilising a simple text editor
- Creation and development of web pages using a dedicated web authoring application tool
- Enhancing a website with multimedia content
- Development and evaluation of websites

Assessment

Internal 100%

Level	Achievement Standard	Description	Credits	Assessment
2	90368	Demonstrate skills in ICT	4	Internal
2	90349	Develop and implement a one-off solution in ICT	6	Internal
Level	Unit Standard	Description	Credits	Assessment
2	15167	Create individual web pages	2	Internal
2	25656	Create a website using a markup language	3	Internal
2	25655	Create a website using a dedicated web authoring tool	3	Internal
TOTAL number of Credits available towards Level 2 NCEA			18	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Cost

\$20 – Specialist equipment (computer hardware leasing and maintenance)

Additionally, students must pay for all printing that is done in the computer lab. Payment is made via the Accounts office. Amount will vary.

Contact Person

Ms Mercer

DESIGN AND VISUAL COMMUNICATION (Graphics) (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

A minimum of 12 credits at NCEA Level 1 Graphics.

Course/Course Content

Objectives

The general objectives of this course are to develop students' graphic communication skills to enable them to solve a wide range of problems using the design process.

Content

Students' will be assessed through the following projects:

- Spatial design brief - Bach
- Engineering/Product design brief – Furniture Design

Students must be well motivated if they choose this subject as much of the project work will have to be completed in students own time if they wish to complete all the Achievement Standards.

Assessment	Internal 50%	External 50%	
Achievement Standard	Description	Credits	Assessment
AS 2.30	Communicate design ideas using visual communication techniques	3	External
AS 2.31	Use working drawings to communicate technical details of a design	3	External
AS 2.32	Produce instrumental perspective projection drawings to communicate design ideas	3	External
AS 2.33	Use the characteristics of a design movement or era to inform own design ideas	3	External
AS 2.34	Develop a spatial design through graphics practice	6	Internal
AS 2.35	Develop a product design through graphics practice	6	Internal
AS 2.36	Use visual communication techniques to present own design	4	Internal
TOTAL number of credits available towards the Level 2 NCEA		28	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Level 3 (Year 13) Graphics Guideline(s)(s):

A minimum of 15 credits from two internally assessed achievement standards and three externally assessed achievement standards. At least 6 credits must have been achieved at either merit or excellence standard. Students must also gain the approval of the Head of Faculty.

Cost

\$30 course fee for Graphics pack refill and a take home model. A new Graphics pack will be provided to students as a replacement at a cost of \$60. The same \$60 fee will apply to all new students enrolling for the course for the first time.

Contact Person

Mr Kumar

DRAMA (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

A minimum of 12 credits in NCEA Level 1 Drama. (There may be isolated exceptions subject to HOD approval.) Students must be able to demonstrate the ability to evaluate drama in a written format and should have passed A/S 1.6. Students will also be required to give up at least one weekend in preparation for performance towards the end of the year.

Course/Course Content

Drama at Year 12 is an NCEA Level 2 subject. Students use dramatic elements, techniques, conventions and technologies to develop, refine, rehearse and perform drama in a range of contexts. They will research a specific form of theatre, keep a detailed written portfolio of their year's work and critically evaluate the effectiveness of their work and the work of other students.

Achievement Objectives

Students will:

- select and integrate elements, techniques, conventions and technologies in specific dramatic forms.
- initiate, develop and refine dramatic ideas individually and collectively in a range of dramatic forms.
- rehearse and perform drama in a range of dramatic forms
- respond to and make critical judgements about rehearsal processes and performances.
- research the production, performance and purpose of drama in a range of contexts

Content

- students will explore drama techniques through scripted work.
- devise and perform their own group drama for a specified audience using elements and conventions
- research and perform an extract from a selected Shakespeare piece theatre
- select, rehearse and perform a role (technical or acting) in a major production
- keep a detailed portfolio of the year's work.

Assessment

Internal 79%

External 21%

Achievement Standard	Description	Credits	Assessment
90300	Apply drama techniques in a group within a scripted context	3	Internal
90301	Structure, record and perform devised drama using elements and conventions	4	Internal
90302	Apply knowledge of a drama/theatre form or period through performing a role within a presentation	5	Internal
90303	Perform a substantial acting, technical or production role	5	Internal
90304	Apply knowledge of and make judgements about drama processes and performance in a new context	5	External
TOTAL number of credits available towards the Level 2 NCEA		22	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Drama Guideline(s)(s):

12 credits at Level 2 in drama or, in exceptional circumstances, HOD permission will constitute the minimum entry level requirement for Yr 13 Drama. Students must also demonstrate the ability to complete written evaluations in their Level 2 journal and in A/S 2.6.

Cost

Students will be required to fund attendance to at least two performances throughout the year. Approximately \$50 a student.

Contact Person

Mrs Stone

EARLY CHILDHOOD EDUCATION (Year 12 and Year 13)

NCEA Level 2

Guideline(s)/Minimum Entry

Students must have an interest working with children. Teacher-in-charge approval

Course

Objectives

- To introduce students to education and care of young children in early childhood education settings.
- To prepare students to advance into higher level Early Childhood Education and Care. The unit standards gained in this course can be credited towards the MIT Certificate of Achievement in Early Childhood Education (Level 2/3) Students wishing to pursue early childhood teaching can further their studies in a Bachelor of Education (Early Childhood Teaching).
- To gain skills useful to any employment or life experience involving interaction with children.
- To equip the students with some of the skills necessary for employment in early childhood education.

Content

- The basic needs in early childhood
- Nutrition for young children
- Hygiene practices in early childhood
- Health in early childhood
- Prepare resources for play to suit the development status of children
- Design and make a non wearable item for a child
- Practical experience at MIT

Assessment

Internal 100%

Level	Achievement/ Unit Standard	Description	Credits
2	10017	Provide resources for play for young children.	3
3	10014	Participate in young children's play	6
2	10021	Demonstrate knowledge of basic needs of young children	2
2	10020	Describe hygiene practices for young children	2
2	10024	Demonstrate knowledge of promoting young children's health in early childhood	2
2	6643	Apply knowledge of age related nutrition needs in providing food for a child.	5
2	6693	Prepare for and construct a non-wearable textile item	6
TOTAL number of Credits available towards the Levels 2&3 NCEA			26

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Costs

\$20.00 Consumables Fee – Student project work which they get to keep.

\$10.00 Plunket Course Fee – Workbook which students keep.

Contact Person

Ms Gee

ECONOMICS (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

14 credits in NCEA Level 1 OR
HOD approval

Course/Course Content

Objectives

- To allow students to explore the major economic issues and to develop an awareness of policies that a government may implement to address these issues
- To define and measure these issues and to understand their causes and possible effects

Content

Focus on three major economic issues:

- Growth
- Trade
- Inflation

Assessment

Internal 50%

External 50%

Achievement Standard	Description	Credits	Assessment
2.1	Analyse inflation using economic concepts and models	4	External
2.2	Analyse international trade using economic concepts and models	4	External
2.3	Analyse economic growth using economic concepts and models	4	External
2.4	Analyse unemployment using economic concepts and models	4	Internal
2.5	Analyse statistical data relating to contemporary economic issues	4	Internal
2.6	Analyse how government policy and contemporary economic issues interact	4	Internal
TOTAL number of credits available towards the Level 2 NCEA		24	

Please Note: The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Economics Guideline(s)(s):

14 credits at NCEA Level 2 OR HOD approval

Cost

\$10 www.elearningeconomics.com (Online learning programme).

\$30 Subject based excursions (Approximate cost only).

\$25 Workbook – Understanding Economic Issues – NCEA Level 2 – Dan Rennie.

Students retain this workbook.

Contact Person/s

Mrs Rothbart, Mr Jeremic

ELECTRONICS TECHNOLOGY (Year 12)

National Certificate in Electronics Technology Level 2
NCEA Level 2

Guideline(s)/Minimum Entry

Faculty Manager Approval

Course/Course Content

This course will be taught according to the New Zealand Technology Syllabus. It will teach skills to be assessed by unit standards and application of those skills assessed against NCEA Achievement Standards at Level 2. Successful completion of both year 11 & 12 Electronics students will gain the National Certificate in Electronics Technology Level 2

Objectives

The objectives of this course are to develop in students

- Knowledge about microprocessors
- The knowledge of the input, control, communication and output devices that contain different electronic components.
- The ability to efficiently design the interface for printed circuit board
- Design skills to construct the interface of the end product
- Technological practice and process

Content

- Printed circuit board construction skills using Eagle software and transfer process using etching
- Integrated circuit programming skills using PICAXE 08
- Understand how electronic components work and develop the technological knowledge and processes and practice in building electronic circuits for projects such as an automatic weather sensor (LDR, Thermistor and LCD displays, robotics – IR sensors)

Assessment

100% Internally Assessed

Level	Unit Standard	Description	Credits	Assessment
2	18740	Create a simple program to the specifications of a given brief	3	Internal
2	8769	Describe, construct and determine unknowns for electrical systems	4	Internal
Level	Achievement Standard	Description	Credits	Assessment
2	2.1	Undertake brief development to address an issue	4	Internal
2	2.2	Select and use planning tools to manage the outcome	4	Internal
2	2.3	Develop a conceptual design for an outcome	6	Internal
2	2.47	Demonstrate understanding of advanced concepts used in the construction of electronic environment	3	Internal
2	2.49	Implement advanced techniques in constructing a specified advanced electronic and embedded system	3	Internal
TOTAL number of Credits available towards the NCEA Level 1			27	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Fees

\$60. This covers the cost for electronic components for the take home projects.

Contact Person

Mrs. Christopher

ENGLISH (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

4 out of 7 NCEA Level 1 achievement standards, including at least one external standard or HOD approval.

Course/Course Content

Objectives

- Students should show a discriminating understanding of written and spoken English while developing increased sophistication, fluency, accuracy and depth in terms of their own writing, reading, thinking and oral skills
- Students should make connections by analysing ideas in novels, plays, poetry, short stories and films and be able to respond to these critically and creatively
- Students should have an increased understanding of sociolinguistics (language in situation)

Content

- * Text studies
- * Film/visual text study
- * Close reading of unfamiliar texts for meaning & stylistic features
- * Writing portfolio
- * Research & writing on a literary theme

<u>Assessment</u>	<i>Internal</i>	<i>Approx. 50%</i>	<i>External</i>	<i>50%</i>
Achievement Standard	Description		Credits	Assessment
(2.1)	Analyse specified aspect(s) of studied written text(s), supported by evidence		4	External
(2.2)	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence		4	External
(2.3)	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence		4	External
(2.4)	Produce a selection of crafted and controlled writing		6	Internal
(2.7)	Analyse significant connections across texts, supported by evidence		4	Internal
TOTAL number of credits available towards the Level 2 NCEA			22	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 English Guideline(s):

3 out of 5 standards achieved

Contact Person/s

Mrs Wood, Ms Masters

Course information subject to review.

ENGLISH Literacy (Year 12)

Level 1 (Level 2 credits may be available in consultation with teacher)

Guideline(s) / Minimum Entry

HOD English approval

Identified students in Year 12

Course Content

Objectives

- To provide students with the minimum 8 literacy credits required by NCEA
- To provide students with an alternative English pathway in practical communication skills to assist them in the transition from school to further education or employment
- To provide an alternative course to Year 12 NCEA English or repeating Year 11 NCEA

Content

- Reading, comparing, responding to a range of literature, media & film texts.
- Formal writing e.g. Trip/Sport report, Magazine article, Literary essay, Film Review.
- Wide Reading.
- Public Speaking
- Static/Visual Image production

Assessment

Internal 100%

Level	Unit Standard	Description	Credits
1	90052	Produce Creative Writing	6
	90053	Produce formal writing	
1	90852	Explain significant connection(s) across texts, using supporting evidence	4
1	90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	3
1	90854	Form personal responses to independently read texts, supported by evidence	4
1	90857	Construct and deliver an oral text	3
TOTAL number of credits available towards Level 2 literacy			20

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Level 2 equivalent standards may be negotiated depending on results.

Contact Person/s

Mr Spillane, Mrs Wood

ENGLISH SECOND LANGUAGE: ESL (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

Entry at student / family's request or on the recommendation of the Dean or HOD English / ESL. Diagnostic testing is carried out to determine the student's level

Course/Course Content

Objectives:

- To increase students knowledge and understanding of the academic English required for secondary and tertiary study in NZ
- To learn about New Zealand culture
- To develop confidence in taking part in New Zealand society

Course Content

- The course covers academic and communicative English over the language skills of listening, speaking, reading, writing, grammar and vocabulary. Theme-based modules and units of work of topical and historic interest are studied.
- Students have a weekly reading period in the library.
- A regular homework programme with weekly testing is followed.

Assessment

Internal 100%

Students sit two internal examinations and are recommended to attempt the NCEA English core literacy and ESOL Unit Standards. The course will be assessed at the Level 1 and 2 English Unit Standards and Level 3 ESOL Unit Standards

Type	Level	Unit Standard	Description	Credits	Assessment
English	2	8823	Investigate a theme across an inclusive range of selected texts	4	Internal
English	1	8812	Produce transactional written text in simple forms	4	Internal
ESOL	3	17361	Read independently narrative texts, using ESOL	5	Internal
ESOL	3	17359	Talk about self in a formal interview, using ESOL	5	Internal
TOTAL number of Credits available towards the Level 2 NCEA				18	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Contact Person

Ms Walker

FRENCH AS A SECOND LANGUAGE (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

An achieved grade in each achievement standard at NCEA Level 1 French
OR Head of Department approval

Course/Course Content

Objectives

- To communicate effectively in the French language by developing competence in the four language skills: listening, speaking, reading, writing
- To learn about the French culture e.g. daily life, festivals, geographical regions
- To provide an extra dimension for career opportunities
- To enjoy using a second language in meaningful situations

Content

This course consolidates learning to date, and uses various themes of interest to pupils to reinforce and extend the basic skills of listening, speaking, reading and writing. Topics studied include:

- Youth
- Family and Relationships
- Health
- Travel and Holidays
- Future Plans
- French speaking countries
- Traditional stories

Assessment

Two exams during the year as practice for NCEA external assessment, and the three NCEA internal assessments, as well as regular testing of topics.

	<u>Internal 58%</u>	<u>External 42%</u>		
Achievement Standard	Description		Credits	Assessment
TBA 2.1	Demonstrate understanding of a variety of spoken French texts on familiar matters		5	External
TBA 2.2	Give a spoken presentation in French that communicates information, ideas, opinions		4	Internal
TBA 2.3	Interact using spoken French to share and justify information, ideas and opinions in different situations		5	Internal
TBA 2.4	Demonstrate understanding of a variety of written/visual French texts on familiar matters		5	External
TBA 2.5	Write a variety of text types in French for genuine contexts		5	Internal
<i>TOTAL number of credits available towards the Level 2 NCEA</i>			24	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Cost

Vocabulary and sentence practice Book \$20. Students keep this book. Online vocabulary learning \$10.

Year 13 French Guidelines:

An achieved grade in each achievement standard at NCEA level 2 French OR Head of Department approval

Contact Person

Mrs Harris

GATEWAY TO EMPLOYMENT (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

Year 12 students – Faculty Manager Approval.

The programme is designed for students who are uncertain of their further education and/or employment goals. **As such, entry into this course is by invitation ONLY.**

Course/Course Content

Objectives

To develop the range of skills and experiences to assist students in their transition to further education and employment by

- Providing students the opportunity to undertake core careers education and employment skills modules
- Participating in externally provided tertiary courses and workplace training.

Content

- Exploring Career Options
- Managing own Career Development
- Targeted Resumes
- Job Interview Skills
- Workplace Training

Assessment *Students will be required to complete the core unit standards detailed below.*

Unit Standard	Description	Credits	Assessment
12383 (L 2)	Explore career options relevant to an area of learning	2	Internal
4251 (L 3)	Manage own career development	2	Internal
4252 (L 2)	Produce a targeted resume	2	Internal
1294 (L 2)	Be interviewed in a formal situation	2	Internal
6400 (L3)	Manage First Aid in Emergency Situations	2	Internal
6401 (L2)	Provide First Aid	1	Internal
6402 (L2)	Provide Resuscitation	1	Internal
TOTAL number of credits available towards the Level 2 NCEA		12	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

In addition, students will have the opportunity to complete unit standards offered on tertiary courses and/or work placements. Students could potentially earn 20 credits or more towards their NCEA qualification.

Cost

NIL – Star and Gateway Funded

Contact Person

Mr D James, Faculty Manager of Development Programmes

GEOGRAPHY (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

- 16 credits in NCEA Level 1 Geography or Head of Faculty approval
- NCEA Level 1 Geography is preferred although Geography can be taken for the first time at Year 12 level
- Year 12 English requirements and Head of Department approval

Course/Course Content

Objectives

- Develop skills and techniques used in geographic inquiry and interpretation
- Develop an understanding of the physical environment and its interrelationship with people
- Develop an understanding of people's social and economic needs and values

Content

- Natural Landscapes - Amazon Basin and/or Tongariro Volcanic Plateau with a three day field trip to the area (Approximate cost \$300)
- Disparities in Development – Tanzania and the United States of America
- Internal Assessments - Global Issue
 - Contemporary Geographic Issue
 - Geographic Research
- Skills - Map interpretation and construction
 - Graph interpretation and construction
 - Statistical interpretation and analysis

Assessment

Achievement /Unit Standard	Description	Credits	Assessment
(2.1)	Demonstrate geographic understanding of a large natural environment	4	External
(2.3)	Demonstrate geographic understanding of differences in development	4	External
(2.4)	Apply concepts and geographic skills to demonstrate understanding in a given environment	4	External
(2.5)	Conduct geographic research with guidance	5	Internal
(2.6)	Explain aspects of a contemporary geographic issue	3	Internal
(2.7)	Explain aspects of a geographic topic at a global scale	3	Internal
TOTAL number of credits available towards the Level 2 NCEA		23	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet

Year 13 Geography Guideline(s)(s):

16 credits NCEA Level 2 Geography or Head of Faculty approval

Costs

Field Trip (3 days) to Tongariro Volcanic Plateau.
Approximately \$300.

Contact Person

Ms Gibb, Ms Tomlinson, Ms Willingale

GERMAN AS A SECOND LANGUAGE (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

An achieved grade in each NCEA Level 1 achievement standard, OR Head of Department approval

Course/Course Content

Objectives

- To communicate effectively in the German language by developing competence in the four language skills: listening, speaking, reading, writing
- To learn about the German culture e.g. daily life, festivals, geographical regions
- To provide an extra dimension for career opportunities
- To enjoy using a second language in meaningful situations

Content

This course consolidates learning to date, and uses various themes of interest to pupils to reinforce and extend the basic skills of listening, speaking, reading and writing. Topics studied include:

- Family and Relationships
- Health
- Travel and Holidays, including a German speaking country
- Future Plans
- Fairy stories as a genre
- German Reunification and Berlin

Assessment

Two exams as practice for NCEA external standards, and three internal assessments, as well as regular testing of topics.

Internal 58%

External 42%

Achievement Standard	Description	Credits	Assessment
TBA 2.1	Demonstrate understanding of a variety of spoken German texts on familiar matters	5	External
TBA 2.2	Give a prepared spoken presentation in German that communicates information, ideas, opinions	4	Internal
TBA 2.3	Interact using spoken German to share and justify information, ideas and opinions in different situations	5	Internal
TBA 2.4	Demonstrate understanding of a variety of written/visual German texts on familiar matters	5	External
TBA 2.5	Write a variety of text types in German for genuine contexts	5	Internal
<i>TOTAL number of credits available towards the Level 2 NCEA</i>		<i>24</i>	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Cost

Write-on grammar book \$25. Students retain this workbook. Online vocabulary learning \$10.

Year 13 German Guideline(s)(s):

An achieved grade in each NCEA level 2 achievement standard OR Head of Department approval

Contact Person

Mrs Harris

HISTORY (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

- 12 credits in NCEA Level 1 History or with Faculty Manager approval
- NCEA Level 1 History is preferred although History can be taken for the first time at Year 12 level.
- Year 12 English requirements or Faculty Manager Approval

Course/Course Content

Objectives

- Develop skills of enquiry, interpretation and communication
- Develop an understanding of other people, times and places
- Develop individual research skills
- Develop the ability to enter imaginatively into events of the past

Content

This course concentrates on Nineteenth and Twentieth Century History

- Vietnam and the conflict in Indo-China 1945-1975
- Crime and Punishment in Georgian England
- Authority and Dissent in Australia 1788-1850s

Assessment

Internal 50%

External 50%

Achievement Standard	Description	Credits	Assessment
(2.1)	Plan and carry out an historical inquiry	4	Internal
(2.2)	Examine an historical event. or place, of significance to New Zealanders	5	Internal
(2.3)	Examine sources of an historical event of significance to New Zealanders	4	External
(2.4)	Interpret different perspectives of people in an historical event of significance to New Zealanders	5	Internal
(2.5)	Examine causes and consequences of a significant historical event	5	External
(2.6)	Examine how a significant historical event affected New Zealand society	5	External
TOTAL number of credits available towards the Level 2 NCEA		28	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 History Guideline(s)(s):

16 credits NCEA Level 2 or permission from Head of Faculty.

It is required that all students achieve at least 14 credits in NCEA level 1 English as well

Contact Person

Mr McCormack, Mr Hurdell

HOSPITALITY (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

Teacher / Faculty Manager approval.

Open to ALL Year 12 and 13 students

Objectives

- To introduce students to the needs and demands of working in the Hospitality Industry
- To equip students with knowledge, skills and confidence in the selection, preparation and service of food to standards required by the Hospitality Industry
- To develop students knowledge of food hygiene procedures and practices in a commercial kitchen.

Content

This is outlined in the description of the unit standards offered. It is a Hospitality Standards requirement that Unit 167 must be completed and passed before completing any other Cookery unit at Level 2.

Assessment

Internal 100%

Level	Industry Training Organisation (ITO) Unit Standard	Description	Credits
2	167	Practice food safety methods in a food business	4
2	13285	Handle and maintain knives in a commercial kitchen	2
2	13283	Prepare and present salads for service in a commercial kitchen	2
2	13276	Prepare and cook food by grilling in a commercial kitchen	2
2	13281	Prepare and present basic sandwiches for service in a commercial kitchen	2
2	13280	Prepare fruit and vegetables in a commercial kitchen	2
2	13271	Cook food by frying in a commercial kitchen	2
2	13278	Cook food by roasting in a commercial kitchen	2
1	21058	Identify career pathways in the hospitality industry	2
TOTAL number of Credits available towards the Level 2 NCEA			20

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Hospitality Guideline(s)(s):

Year 12 course must be taken first. Unit 167 is a pre-requisite for Year 13.

Cost

\$80 consumables fee. Students cook and consume the food prepared.

Contact Person

Mrs Foxall

MATHEMATICS (Year 12)

Specialist Mathematics (12 MAS)

NCEA Level 2

Guideline(s)/Minimum Entry

16 credits from NCEA Level 1 Mathematics Achievement Standards, including 1.1 (Algebra) and 1.2 (Graphs) at MERIT Level or higher, or on approval of Faculty Leader

The 16 credits DOES NOT include any credits from NCEA Level 1 Mathematics Unit Standards.

Course/Course Content

Objectives

Candidates will be expected to:

- Demonstrate mathematical skills, concepts and understanding in the Mathematical Processes, Measurement and Calculus, Geometry, Algebra and Statistics curriculum strands
- Apply these skills, concepts and understandings to familiar and unfamiliar problems arising in real and simulated situations
- Demonstrate the ability to select and use appropriate mathematical techniques in problem solving
- Demonstrate the ability to reason logically and systematically
- Demonstrate the ability to communicate mathematical ideas

Assessment

Internal 41%

External 59%

Achievement Standard	Description	Credits	Assessment
902 (2.1)	Apply coordinate geometry methods in solving problems	2	Internal
902 (2.2)	Apply graphical models in solving problems	4	Internal
902 (2.4)	Apply trigonometric relationships in solving problems	3	Internal
902 (2.6)	Apply algebraic methods in solving problems	4	External
902 (2.7)	Apply calculus methods in solving problems	5	External
902 (2.12)	Apply probability methods in solving problems	4	External
TOTAL number of credits available towards the Level 2 NCEA		22	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Mathematics Guideline(s)(s):

- Maths with Calculus: At least 16 NCEA Level 2 Mathematics Achievement Standard credits AND Merit in 2.6 (Algebra), 2.2 (Graphs), and 2.7 (Calculus)
- Maths with Statistics: At least 14 NCEA Level 2 Mathematics Achievement Standard credits

Cost

Approximately \$25 for a Year 12 Workbook: Nulake NCEA 2 (Compulsory)

Optional resources: Study pass \$12, Exam resource book \$10 (prices are a guide only).

All of these items are retained by the students.

Equipment Required

Graphics Calculator: Casio FX-9750GA PLUS or similar, compulsory for this course.

Contact Person

Faculty Leader: Mrs Fuge

MATHEMATICS (Year 12)

Mathematics (12 MAT)

NCEA Level 2

Guideline(s)/Minimum Entry

15 credits from NCEA Level 1 Mathematics Achievement Standards or on approval of Faculty Leader

The 15 credits DOES NOT include any credits from NCEA Level 1 Mathematics Unit Standards.

Course/Course Content

Objectives

Candidates will be expected to:

- Demonstrate mathematical skills, concepts and understanding in the Mathematical Processes, Measurement, Geometry, Statistics curriculum strands
- Apply these skills, concepts and understandings to familiar and unfamiliar problems arising in real and simulated situations
- Demonstrate the ability to select and use appropriate mathematical techniques in problem solving
- Demonstrate the ability to reason logically and systematically
- Demonstrate the ability to communicate mathematical ideas

Assessment

Internal 89%

External 19%

Standards	Description	Credits	Assessment
902 (2.2)	Apply graphical models in solving problems	4	Internal
902 (2.3)	Apply sequences and series in solving problems	2	Internal
902 (2.4)	Apply trigonometric relationships in solving problems	3	Internal
902 (2.9)	Use statistical methods to make an inference	4	Internal
902 (2.12)	Apply probability methods in solving problems	4	External
902 (2.13)	Investigate a situation using a simulation	2	Internal
902 (2.14)	Design a questionnaire	3	Internal
TOTAL number of credits available towards the Level 2 NCEA		21	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Mathematics Guidelines:

- Maths with Statistics: All 14 NCEA Level 2 Mathematics Achievement Standard credits. (This does not include any credits from Unit Standards).
- This course does not lead to Maths with Calculus at Year 13. Students must take 12MSL if they wish to study Maths with Calculus at Year 13.

Cost

Approximately \$25 for a Year 12 Workbook: Nulake NCEA 2 (Compulsory)

Optional resources: Study pass \$12, Exam resource book \$10 (prices are a guide only).

Equipment Required

Graphics Calculator: Casio FX-9750GA PLUS, compulsory for this course.

Contact Person

Faculty Leader: Mrs Fuge

MATHEMATICS APPLIED II (Year 12)

Mathematics Applied (12 MAA)

Guideline(s)/Minimum Entry

12 credits from NCEA Level 1 Mathematics Unit Standards or Achievement Standards or on approval of Faculty Leader. This is a fully internally assessed course. It does not lead to any of the Level 3 Mathematics courses. Having done this course, students can take 12MAT the following year.

Course / Course Content

Objectives

Candidates will be expected to:

- Demonstrate mathematical skills, concepts and understanding in the Mathematical Processes, Measurement and, Geometry, Statistics curriculum strands
- Apply these skills, concepts and understandings to familiar and unfamiliar problems arising in real and simulated situations
- Demonstrate the ability to select and use appropriate mathematical techniques in problem solving
- Demonstrate the ability to reason logically and systematically
- Demonstrate the ability to communicate mathematical ideas
 - Use diagrams, graph, tables and notation appropriately
 - Undertake mathematical investigations and projects
 - Use appropriate technology

Assessment

Internal 100%

Standards	Description	Credits	Assessment
902 (2.3)	Apply sequences and series in solving problems	2	Internal
902 (2.5)	Use networks in solving problems	2	Internal
902 (2.8)	Design a questionnaire	3	Internal
902 (2.9)	Use statistical methods to make an inference	4	Internal
902 (2.11)	Evaluate a statistically based report	2	Internal
902 (2.13)	Investigate a situation using a simulation	2	Internal
902 (2.14)	Apply systems of equations in solving problems	2	Internal
TOTAL number of credits available towards the Level 2 NCEA		17	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Cost

Approximately \$25 homework book. This is retained by the students.

Year 13 Mathematics Guidelines:

This course does not lead to Year 13 Mathematics with Statistics OR Mathematics with Calculus. Students must take 12MCL if they wish to study Mathematics at Year 13 Level.

Contact Person

Faculty Leader: Mrs Fuge

MEDIA STUDIES (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

5 out of 9 English NCEA Level 1 English Achievement Standards OR HOD approval.

Course/Course Content

Objectives

- Students should become more visually literate and be able to write detailed and informed pieces on a wide range of Media
- Students should be able to analyse & interpret meanings in film and be proficient in basic video production knowledge and skills

Content

- Close reading of film
- Study of messages & values in the media & the impact of the media on a social grouping
- Narrative conventions in film
- Genre studies
- Production of film trailer

<u>Assessment Achievement Standard</u>	Description	Credits	Assessment
90277 (2.2)	Close reading of unfamiliar media text	3	Internal
90278 (2.3)	Demonstrate understanding of representation in the media	3	External
90279 (2.4)	Demonstrate understanding of a media genre	3	External
90280 (2.5)	Demonstrate understanding of narrative conventions in media texts	3	Internal
90765 (2.6)	Design & produce a media product and evaluate the process used to create the product	6	Internal
90282 (2.7)	Use technology in media production	3	Internal
TOTAL number of credits available towards the Level 2 NCEA		21	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Contact Person

Mr J Goodier

MUSIC (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

An achieved grade in 4 NCEA Level 1 standards or HOD approval

Course/Course Content

Objectives

A practically-based course with an emphasis on composition and performance, but covering a broad range of musical knowledge and skills.

This course is designed to lead on to either level 3 Music Studies or Practical Music.

Content

- Performance – instrumental / voice – solo and ensemble
- Listening skills
- Composition and Instrumentation
- Materials of music, study of music works including research .

Assessment

Standards marked * may be selected by students in addition to compulsory standards

Achievement Standard	Description	Credits	Assessment
	Perform two substantial pieces of music as a featured soloist.	6	Internal
	*Demonstrate ensemble skills by performing a substantial piece of music as a member of a group.	4	Internal
	Compose two substantial pieces of music	6	Internal
	*Create an instrumentation	4	Internal
	Demonstrate aural skill through written representation	4	External
	*Perform two substantial pieces of music as a featured soloist on a second instrument	6	Internal
	Demonstrate knowledge of conventions in a range of music scores	4	External
	Demonstrate understanding of two substantial contrasting music works	4	External
TOTAL number of credits available towards the Level 2 NCEA		24	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Music Guideline(s)(s):

A minimum of 15 NCEA Level 2 credits attained or Head of Department's discretion.

Cost

Resources – DVD CD \$5

Music Tuition (if required) \$75

APO Concert \$15

Contact Person

Mrs Myhre

NEW ZEALAND TOURISM (Year 12)

NCEA Level 2

National Certificate in Tourism & Travel Introductory Skills Level 2

Guideline(s) / Minimum Entry

Year 12 students with a genuine interest in New Zealand Tourism, particularly those considering a career in this growing industry

Course/Course Content

Objectives

- To provide students with knowledge of the New Zealand Travel and Tourism Industry
- To provide prior-learning opportunities for further education and training in the Travel/Tourism industry

Content

Students will undertake travel and tourism modules which have been developed to meet standards established by the Aviation, Tourism and Travel Training Organisation (ATTTO)

- New Zealand as a Tourist Destination
- Customer Service Skills
- World Travel Geography outside New Zealand

Assessment

Internal 100%

Level	Unit Standard	Description	Credits
2	24728	Demonstrate knowledge of work roles in tourism	3
2	24729	Demonstrate knowledge of world tourist destinations	4
2	24730	Demonstrate knowledge of the business of tourism	4
2	24731	Demonstrate knowledge of destination New Zealand	4
2	24732	Demonstrate knowledge of tourist characteristics and needs	3
2	18237	Perform calculations for a tourist workplace	3
TOTAL number of credits towards NCEA Levels 2 & 3 and National Certificate in Tourism and Travel - Introductory Skills Level 2			21

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Cost

Nil - STAR funded programme

Contact Person(s)

Mr D. James, Development Programmes Manager

OUTDOOR EDUCATION (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

- Year 12 student.
- A willingness and commitment to be involved in outdoor practical activities.
- Students must have displayed a positive attitude to Physical Education and/or Sports Studies during Year 11.
- Parental/Faculty Manager's consent.

Course/Course Content

Objectives

- To develop a sense of personal worth
- To develop the ability to work within a team, showing concern and respect for others, developing mutual trust, support and confidence within the team
- To learn the importance of correct safety techniques in outdoor activities including an understanding of Risk Management
- To be introduced to different kinds of communication

Content

- Term 1: Adventure Based Learning, Kayaking, First Aid
- Term 2: Adventure Ropes Course Bushcraft/Tramping
- Term 3: Snowcraft/ Mountaincraft, NZ National Parks
- Term 4: Options between Rock Climbing / Mountain Biking / Sailing.

Assessment *

Internal 100%

Level	Unit Standard	Description	Credits	Assessment
2	467	Adventure Based Learning	3	Internal
3	6400	Manage First Aid in Emergency Situations	2	Internal
2	470	Adventure Based learning (Low Ropes Course)	3	Internal
2	425	Tramping	3	Internal
2	426	Experience Camping	3	Internal
2	13352	Participate in Outdoor Pursuit Activity	3	Internal
2	6401	Provide First Aid	1	Internal
2	6402	Provide Resuscitation	1	Internal
2	473	Adventure Based Learning (High Ropes Course)	3	Internal
TOTAL number of Credits available towards the Level 2 NCEA			22	

**Note: Course assessment/content may change slightly before the start of 2012*

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Cost- \$675

This includes transport, accommodation, gear hire, instruction, food for multiple overnight trips. Please note that on some occasions you will be required to provide your own food. Students will also need to borrow/hire/buy the following items: Sleeping bag, Tramping Boots, Thermal Top and Bottom, Fleece Jumper, Waterproof Raincoat.

This fee **MUST** be paid in the following instalments: \$375 week two, term one. \$100 week two, term two; \$200 week two term three. Late payment of these fees may jeopardise your child's involvement in the activity. Certain costs must be met regardless of injury or withdrawal from the course.

Contact Persons

Mr Lupton (Faculty Manager), Mr Thompson

PHYSICS (Year 12)

NCEA Level 2

Guideline(s) / Minimum Entry

- At least 14 credits in NCEA level 1 Science, (including the level 1 Physics related achievement standards) plus literacy and numeracy requirements
- At least 10 credits in level 1 NCEA mathematics or approval of the Faculty Manager

Course/Course Content

Objectives

In their study of Physics, students will use their developing scientific knowledge, skills and attitudes to:

- Demonstrate an understanding of concepts, principles and models
- Apply concepts and principles to explain physical phenomena, systems and devices
- Describe how physical theories and models have been developed
- Explain how development in physics-based applications can lead to changes in society
- Carry out practical investigations to determine relations, patterns, and trends in physics-based systems
- Carry out practical investigations to identify and describe applications of physics-based concepts and principles

Content

The modules include:

- | | |
|-------------------------|------------------------------------|
| * Getting In To Physics | * Moving Along With Physics |
| * Energy is the Key | * Nuclear Issues |
| * Expanding our Sight | * Explaining Light |
| * A Shocking Experience | * Car and House Circuits |
| * Electricity in a Spin | * Getting Electricity to our Homes |

Assessment

Internal 30%

External 70%

Achievement Standard	Description	Credits	Assessment
(P.2.1)	Carry out a practical physics investigation that leads to a non-linear mathematical relationship.	4	Internal
(P.2.3)	Demonstrate understanding of waves.	4	External
(P.2.4)	Demonstrate understanding of mechanics.	6	External
(P.2.5)	Demonstrate understanding of atomic and nuclear physics.	3	Internal
(P.2.6)	Demonstrate understanding of electricity and electromagnetism.	6	External
TOTAL number of credits available towards the Level 2 NCEA		23	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Physics Guideline(s)(s):

At least 14 credits in NCEA level 2 Physics, with at least 4 credits from P.2.1 & P.2.5 plus literacy & numeracy requirements.

Costs

NCEA Level 2 Revision Guide Approx \$30.00

Students are required to purchase a Course Manual - approximate cost \$30.00

All these items are retained by the students.

Contact Person/s

Mrs Kaur or Mr McKie

RETAILING (Year 12 and Year 13)

NCEA Level 2

Guideline(s) / Minimum Entry

Teacher / Faculty Manager approval

Years 12 and 13 students with a genuine interest in pursuing an exciting career in the retail industry

Course/Course Content

Objectives

- to provide students the opportunity for learning in frontline customer service skills
- to provide students a work-based learning component
- to provide students with the opportunity to gain credits towards their NCEA and credits on the National Qualifications Framework

Content

- Customer care and selling techniques
- Working effectively in a team
- Workplace presentation
- Product knowledge

Assessment

Internal 100%

Level	Unit Standard	Description	Credits
2	62	Maintain personal presentation for the workplace	2
2	11831	Apply skills and qualities of a sales person	6
2	11938	Assist customers to buy goods and/or services face-to-face	2
2	11941	Build rapport with customers	2
2	11974	Participate in a team in a retail or distribution environment	4
2	19583	Demonstrate knowledge of products in a retail or distribution environment	4
2	24997	Demonstrate knowledge of theft and fraud in a retail or distribution environment	5
TOTAL number of credits available towards Level 2 NCEA			25

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Cost

Nil -STAR funded programme

Contact Person

Mr James, Development Programmes Manager

TECHNOLOGY & AUTOMOTIVE ENGINEERING (Year 12 & 13)

Star Bridging Programme

NCEA Level 2

Guideline(s) / Minimum Entry

Students should have an interest in cars and making things out of wood, metal and plastic. Good English and Maths grades. Faculty Manager approval.

Course/Course Content

Objectives

- To maintain your car and keep it roadworthy and free from common breakdowns.
- Identify the functions and general locations of motor vehicle systems and components
- Explain the operation of two and four stroke petrol and diesel engines.
- To describe brake, steering and suspension systems and their operation.
- Using measuring tools
- Make a working steam engine.

Content

Assessment

Internal 100%

Level	Unit Standard	Description	Credits
2	16113	Demonstrate knowledge of safe working practices in an automotive workshop.	2
1	22924	Develop a simple product using engineering materials	10
2	229	Identify the general locations and functions of motor vehicle systems	4
2	231	Engine principles	4
2	233	Service an Automotive battery	2
2	21669	Demonstrate knowledge of hand tools and workshop equipment.	2
2	21859	Selection and care of hand tools and workshop equipment	2
<i>TOTAL number of Credits available towards NCEA</i>			26

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Cost

Nil - Star funded

Contact Person

Mr Gowers

TECHNOLOGY (SOFT MATERIALS) (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

Year 11 Technology-Fabric preferred or teacher approval

This is a prerequisite for year 13 Fashion & Design

Course/Course Content

Objectives

- To introduce students to industry methods of garment construction and pattern drafting.
- To encourage students to develop their own designs.
- To have a better understanding of the levels of practical and theoretical skills required by tertiary programmes.
- To demonstrate an understanding of the historical developments of costume design
- To study fabrics and textiles and their care.
- To understand the terminology used in cutting and pattern making in industry

Content

- Pattern drafting and pattern making
- Using industrial machinery for garment assembly
- Fashion design and illustration
- Sample work using Codes of Practices
- The study of textiles and clothing materials
- Sewing requirements for common fabrics in relation to the end use of the product
- Health and safety in the Fabric Technology area

Assessment

Internal 100%

Level	Achievement/ Unit Standard	Description	Credits
2	5302	Cutting single ply material by shears for the clothing industry	3
2	20342	Thread and operate an industrial lockstitch sewing machine in a learning environment	7
2	4838	Demonstrate knowledge of clothing materials	3
2	17914	Demonstrate knowledge of workplace practice in the apparel or textile industry	5
2	17915	Demonstrate knowledge of safe working practices in the apparel or textile industry	6
2	Tech AS2.3	Develop a conceptual design for an outcome	6
2	CMT AS2.23	Demonstrate understanding of advanced concepts used to make a product with textile materials	4
2	CMT AS2.26	Make advanced adaptations to a pattern to change the structural and/or style feature of a design	4
TOTAL number of Credits available towards the Level 2 NCEA			38

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Costs

\$40.00 Consumables, Material and Equipment pack costs for project work.

Students keep the projects they make. Students to provide own fabric and some notions.

Contact Person

Ms Gee

VISUAL ART - PAINTING (Year 12)

NCEA Level 2 Visual Arts

Guideline(s)/Minimum Entry

An achieved grade or higher in level 1 Achievement Standards 1.2, 1.3, 1.4

Course/Course Content

Objectives

- To extend students understanding of Art through the research of selected artists.
- To use knowledge of established practice to develop personal ideas and practical approaches.

Content

- 3 units of work united by a common theme. A specific focus on the development of skills in drawing, painting, printmaking and mixed media.
- The 2 internally assessed assignments are designed to inform work for the externally assessed assignment (2 folio boards)

Assessment

Achievement Standard	Description	Credits	Assessment
2.2	Use drawing methods to apply knowledge of conventions appropriate to painting	4	Internal
2.3	Develop ideas in a related series of drawings appropriate to established painting practice.	4	Internal
2.4	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.	12	External
<i>TOTAL number of credits available towards the Level 2 NCEA</i>		<i>20</i>	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Practical Art Guideline(s)(s):

An achieved grade in each internal and the externally assessed achievement standard for NCEA in Visual Arts Level 2.

Cost

Course fee \$80 (starter pack included).

Folio Boards \$10 (for 2)

Students keep all items at the end of the course

Contact Person

Ms Massey

VISUAL ART - PHOTOGRAPHY (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

Achieved all standards in year 11 Photography or Art Achievement Standards: 1.2, 1.3, 1.4.

Course/Course Content

Objectives

To provide an understanding and appreciation of the technical and artistic use of the camera and how to develop and print photographs.

Content

- The use of photographic equipment
- A study of New Zealand and international photographers
- Use of digital media
- Photographic genre (portraits, architecture, nature etc.)

Assessment

Level	Standard	Description	Credits	Assessment
2	2.2	Use drawing methods to apply knowledge of conventions appropriate to photography.	4	Internal
2	2.3	Develop ideas in a related series of drawings appropriate to established photography practice.	4	Internal
2	2.4	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography.	12	External
TOTAL number of Credits available towards the Level 2 NCEA			20	

Please note:

The standard numbers and the standard descriptors may or may not change slightly as they have been reviewed and aligned with the new New Zealand Curriculum but still in their draft form as they haven't been formally registered yet.

Year 13 Photography Guideline(s)(s):

An Achieved grade or higher in NCEA Photography 2.1, 2.2, and 2.3

Cost

Camera hire \$50.00 (optional)

Chemical fees \$40.00

Folio boards \$10.00

Film and photographic paper as needed \$200.00 – \$300.00

NOTE: It is preferable that students taking this course have access to a camera at home although there are a small number of cameras which can be hired from the college.

Contact Person

Ms Bell

ACCOUNTING (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

A minimum of 15 credits out of the 20 credits available from NCEA Level 2 Accounting including 90224 (2.5)

Course/Course Content

Objectives

- To promote knowledge and understanding of accounting as a financial language for partnerships and companies which may be a service, trading or manufacturing business.
- To apply financial knowledge and skills to practical situations.

Content

- Developing an understanding of the principles on which Accounting is based and how they are applied in a range of situations.
- Recording and processing financial transactions.
- Describing and evaluating a job cost system.
- Reporting financial information to interested parties.
- Analysing, interpreting and evaluating financial and non-financial information to make informed decisions.

Assessment

Internal 21%

External 79%

Achievement Standard	Description	Credits	Assessment
90501 (3.2)	Process financial information for partnerships and companies	3	External
90502 (3.3)	Process financial information for a manufacturing job-cost sub-system	3	External
90503 (3.4)	Report financial statements for partnerships and companies	6	External
90504 (3.5)	Prepare a report which analyses and interprets a company's financial report for external users	5	Internal
90505 (3.6)	Explain and prepare information for management decision-making	3	External
TOTAL number of credits available towards the Level 3 NCEA		20	

Cost

Student Workbooks and Revision Book \$55.00 approximately. Students retain these workbooks.

Contact Person

Ms Doherty

ART HISTORY (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

An achieved grade in each of the achievement standards for NCEA Level 2 English and or History.

Course/Course Content

A Study of 15th and 16th century Italian Renaissance Art

Objectives

- To understand the context in which art is made.
- To identify artistic styles.
- To understand the use of iconography to express ideas and beliefs.
- To understand processes and procedures in art.

Content

- Topic 1: Naturalism and Science in 15th Century Italian Painting
- Topic 2: The High Renaissance and Mannerism
- 3 Internal assignments and 3 external exams
- External examination questions require a long answer response **not** an essay based response.

Assessment

Internal 50%

External 50%

Achievement Standard	Description	Credits	Assessment
3.1/90490	Analyse style in art	5	External
3.2/90491	Describe the meaning of iconographic motifs	4	External
3.3/90492	Examine media and processes in art	3	Internal
3.4/90493	Explain a theory and its role in art	4	Internal
3.5/90494	Investigate an art issue	4	Internal
3.6/90495	Examine the context of an art movement	4	External
<i>TOTAL number of credits available towards the Level 3 NCEA</i>		<i>24</i>	

Cost

Course fee to cover commercially produced study guides \$35.00 which students retain.

Contact Person/s

Ms Massey

BIOLOGY (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

2012: A minimum of 12 credits attained in Level 2 Biology, including AS 90459 (2.3 – Describe genetic variation and change).

Course/Course Content

Objectives

- To develop a knowledge of basic facts, concepts and principles related to Biology
- To foster an understanding of current issues in Biology
- To develop the use of scientific method in solving problems in Biology
- To develop practical skills necessary for Biological investigations
- To foster an appreciation of the importance of Biological science to society

Content

- Organisms and their environment
- Molecular Genetics
- Mendelian Genetics
- Biotechnology
- Evolution
- Human Biological and Cultural Evolution
- Practical investigation

Assessment

Internal 33%

External 67%

<i>Achievement Standard</i>	<i>Description</i>	<i>Credits</i>	<i>Assessment</i>
90713 (3.1)	Carry out an investigation into an aspect of the ecological niche of an organism with guidance	4	Internal
90715 (3.3)	Describe gene expression	4	External
90716 (3.4)	Describe animal behaviour and plant responses in relation to environmental factors	4	External
90717 (3.5)	Describe patterns of evolution	3	External
90718 (3.6)	Describe applications of biotechnological techniques to meet human needs and demands	3	Internal
90719 (3.7)	Describe trends in human biological and cultural evolution	3	External
TOTAL number of credits available towards the Level 3 NCEA		21	

Cost

Course manual - \$25.00 (approx). Students write-on and retain this workbook.
Field trips - \$20.00 (approx)

Contact Person/s

Ms Fox, Dr Nafissi

CHEMISTRY (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

At least 15 credits in NCEA level 2 Chemistry plus literacy and numeracy requirements

Course/Course Content

Objectives

- To investigate and develop the ways materials and chemical processes interact with people and the environment
- To carry out a range of practical investigations and use this and other information to explore chemical behaviour
- To understand important concepts in Chemistry and major patterns of chemical behaviour

Course content

- Structure of particles and thermochemistry
- Oxidation and reduction
- Organic chemistry
- Acids, bases, and precipitates

Assessment: *Internal 25%, External 75%*

Achievement Standard	Description	Credits	Assessment
90694 (3.1)	Carry out an extended practical investigation involving quantitative analysis - this standard is optional and done after NCEA exams	4	Internal
90695 (3.2)	Determine the composition of an oxidant or reductant by titration	2	Internal
90696 (3.3)	Describe oxidation-reduction processes	3	External
90780 (3.4)	Describe properties of particles and thermodynamic principles	5	External
90698 (3.5)	Describe aspects of organic chemistry	5	External
90700 (3.7)	Describe properties of aqueous systems	5	External
TOTAL number of credits available towards the Level 3 NCEA		24	

Cost

Approximately \$48.00 for Laboratory Manual and Longman Continuing Chemistry notes. These workbooks are retained by the student.

Contact Person/s

Mr Hawcroft, Mrs Singh, Mrs Prakash

CLASSICAL STUDIES (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

12 credits in NCEA Level 2 Classical Studies.

Year 13 English requirements and/or Head of Department approval

An interest in history, literature, politics, philosophy and classical civilisations

Course/Course Content

Objectives

- To provide students with a knowledge and appreciation of selected areas of classical Greek civilisation
- To encourage students to make comparisons between classical civilisation and contemporary New Zealand
- To provide learning experiences in different types of subject information, evidence and argument

Content

- Classical Studies is a 'multi-disciplinary' subject, including a number of different types of study e.g. history, literature, art, religion, philosophy and politics
- The three topics taught at Level 3 are Alexander the Great, Aristophanes' Comedies and Greek Vase Painting. Aspects of classical mythology will also be taught.
- Advanced reading skills and analysis are requirements of the course as texts include history, philosophy and politics at an advanced level, such as Aristophanes, Arrian and Plutarch.

Assessment

Internal 25%

External 75%

Achievement Standard	Description	Credits	Assessment
90511 (3.1)	Explain a passage or passages from a work of classical literature in translation	6	External
90512 (3.2)	Explain a work or works of classical art	6	External
90513 (3.3)	Explain in essay format an aspect of the classical world	6	External
90514 (3.4)	Complete independent research on an area of the classical world	6	Internal
TOTAL number of credits available towards the Level 3 NCEA		24	

Cost

\$10.00 for write-on course booklets which the students retain.

Contact Person

Mrs Champness or Ms Gibb

COMPUTING (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

Year 12 Computing preferred or teacher approval

Course/Course Content

The course will be taught according to the New Zealand Technology Syllabus and assessed against NCEA Unit & Achievement Standards at level 3 & 4. This is an approved subject for university entry. Scholarship is also available.

It covers the design and construction of websites and the creation and manipulation of images for use in the sites. It is delivered using NatColl Creating Futures Resources.

The course comprises the following software packages

- Dreamweaver with either Photoshop and Fireworks
- HTML, using any text editor, with either Photoshop or Fireworks
- Dreamweaver and HTML with either Photoshop or Fireworks
- Flash Animations

Objectives

The objectives of this course are to develop in students:

- The ability to use existing skills in more creative and productive ways
- Skills to create solutions to given real life problems.
- Abilities to solve problems using ICT techniques
- An awareness of the place of ICT in society and issues ICT raises in society
- An appreciation of the range and power of ICT

ASSESSMENT Unit Standards				
Level	Unit Standard	Description	Credits	Assessment
3	18737	Create a Website for organization use	5	Internal
4	18738	Create and operate an interactive Website to provide a solution	15	Internal
3	5947	Use computer technology to solve a specified problem	3	Internal
3	5956	Create images using a computer	3	Internal
3	5963	Design and assemble a multimedia application without scripting	3	Internal
Achievement Standards (Optional), Scholarship Available				
3.	90613	Develop a conceptual design to address a client issue	8	Internal
3	90620	Develop a one-off solution to address a client issue	8	Internal
3	90685	Demonstrate techniques in information and communication technology	4	Internal
TOTAL number of Credits available towards the Level 3 NCEA			49	

Teacher: Mr Gowers

DESIGN AND VISUAL COMMUNICATIONS (Graphics) (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

A pass at level 2 consisting of a minimum of 15 credits from two internally assessed achievement standards and three externally assessed achievement standards. At least 6 credits must have been achieved at either merit or excellence standard. Students must also gain the approval of the Head of Faculty.

Course/Course Content

Objectives

Students will develop the skills to enable them to negotiate their own design briefs on topics of their choosing. They will continue to develop their graphic communication skills which they will apply using the design process to solve a wide range of problems. Emphasis will be on justification of design decisions.

Content

Students will negotiate their own design briefs as well as be given design briefs that will assess their skills and knowledge in a wide variety of situations.

- Negotiated design brief on a topic of their choice
- Architectural or environmental design brief
- Engineering or Technological design brief
- Media or Technical illustration design brief

Those students who are able to produce graphics work at the excellence level may also enter for the graphics scholarship.

Students who choose Graphics at level 3 must be well motivated as they will have to plan their own projects. Due to the large amount of portfolio work involved in this subject students are strongly recommended not to take this subject as well as Art.

Assessment

Internal 50%

External 50%

Achievement Standard	Description	Credits	Assessment
90734	Negotiate a brief and a solution by applying a design process	5	External
90735	Plan and produce a presentation to communicate design ideas	4	External
90736	Develop and communicate a solution to an architectural or environmental design brief	5	Internal
90737	Develop and communicate a solution to an engineering or technological design brief	5	Internal
90738	Develop and communicate a solution to a media or technical illustration design brief	5	Internal
TOTAL number of credits available towards the Level 3 NCEA		24	

Cost

\$30 course fee for folio board and the Graphics pack refill. A new Graphics pack will be provided to students as a replacement at a cost of \$60. The same \$60 fee will apply for all new students enrolling for the course for the first time.

Contact Person

Mr Kumar

DRAMA (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

Students are required to have studied Year 12 Drama and gained a minimum of 12 credits in NCEA Level 2. (There may be isolated exceptions subject to HOD approval). They should also have shown an ability to complete written evaluations and research in their Level 2 journal work and in A/S 2.6. Students will be required to give up at least one weekend in preparation for performance.

Course/Course Content

Drama at Year 13 level is a NZQA Level 3 / NQF Course. Students will extend their practical knowledge of Drama, plan, devise, rehearse and perform original work and existing scripts and critically evaluate their own work and the performances of other companies. They will also study a chosen theatre form and read at least 2 major works from that form. Students will need to keep a detailed portfolio including all notes and evaluations of their year's practical work and full research material on their theatre form. One third of the course credits will be assessed in external written examinations.

Achievement Objectives

Students will:

- Select and adapt elements, techniques, conventions and technologies in various dramatic forms for a range of purposes.
- Initiate, develop and refine original drama or drama based on existing works.
- Rehearse and perform in a range of dramatic works assuming diverse artistic or technical responsibilities.
- Reflect upon, and critically evaluate a range of works and performances.
- Research and analyse drama's function in recording social and cultural history.
- Investigate New Zealand Drama and ways in which it reflects our cultural diversity.

Content

Students will:

- Use drama techniques in the presentation of a scripted monologue
- Devise, script, rehearse and perform a piece for solo or paired performance theatre
- Research and carry out performance or technical role in a significant production
- Demonstrate knowledge of theatre form or period by analysing and interpreting 2 scripted texts
- Analyse drama processes in a new context and reflect critically on drama performance

Assessment

Internal 67 %

External 33 %

Achievement Standard	Description	Credits	Assessment
90608	Interpret scripted text and integrate drama techniques in solo or paired performance	5	Internal
90609	Devise, script and perform drama for solo or paired performance	5	Internal
90611	Research and carry out a performance or technical/production role in a significant production	6	Internal
90612	Analyse drama processes in a new context and reflect critically on drama performance	4	External
TOTAL number of credits available towards the Level 3 NCEA		20	

Cost

Students will be required to fund attendance to at least four performances throughout the year. Approximately \$50 a student.

Contact Person

Mrs Stone

ECONOMICS (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

14 credits in NCEA Level 2 Economics OR HOD approval

Course/Course Content

Objectives

- To assist students to understand how individual groups and communities make decisions about the use of scarce resources.
- To enable students to develop a continuing informed interest in contemporary economic issues

Content

- Economic Problems
- Operation of the Market System and Resource Allocation
- Perfect and Imperfect Competition
- Distribution of Income
- Resource Allocation via the Public Sector
- Aggregate Economy

Assessment

Internal 21%

External 79%

Achievement Standard	Description	Credits	Assessment
90629	Understand marginal analysis and the behaviour of firms	4	External
90630	Describe an economic problem, allocative efficiency and market responses to change	5	External
90631	Describe market failure and government intervention to correct for market failure	4	External
90632	Describe aggregate economic activity	6	External
90778	Collect and process information, and carry out an economic analysis	5	Internal
TOTAL number of credits available towards the Level 3 NCEA		24	

Costs

\$35 Understanding Economics Level 3 Parts A and B – Dan Rennie.

Students retain this workbook.

\$10 www.elearningeconomics.com (Online learning programme)

Contact Person/s

Mrs Rothbart, Mr Jeremic

ELECTRONICS TECHNOLOGY (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

Faculty Manager Approval.

Completion of Year 12 Electronics or equivalent.

Course/Course Content

This course will be taught according to the New Zealand Technology Syllabus. It will teach skills to be assessed by unit standards and application of those skills assessed against NCEA Achievement Standards at Level 3.

Objectives

The objectives of this course are to develop in students

- It is designed to enable students to provide an off solution using Electronics and Control technology.
- Students demonstrate knowledge of factors affecting quality and reliability of electronic products and how to improve electronic product reliability.
- knowledge of the processes required to bring a new electronic product through all the stages from conception to market.

Assessment

Internal 72%

External 18 %

Level	Unit Standard	Description	Credits	Assessment
3	9221	Describe the development of a new electronic product	3	Internal
3	19746	Demonstrate basic knowledge of electronic product quality and reliability	5	Internal
Level	Achievement Standard	Description	Credits	Assessment
3	90680	Explain knowledge that underpins an electronics and control technology outcome	4	External
3	90681	Demonstrate techniques in electronics and control technology	4	Internal
3	90613	Demonstrate techniques in Electronics and Control technology	8	Internal
TOTAL number of Credits available towards the NCEA Level 3			24	

Contact Person

Mrs. Christopher

ENGLISH (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

4 out of 7 achievement standards achieved at Level 2 NCEA

Course/Course Content

Objectives

- To increase knowledge and interest in literature and language
- To develop excellence in the students' own precise, sophisticated and fluent use of language (Reading, writing, oral)
- To develop confidence and ability in thinking, reasoning, discriminating and evaluating
- To provide a sound basis of language skills for tertiary study & careers

Content

- Analysis and Criticism of Poetry and Prose passages
- Research & Writing on a literary/language topic
- Study of a Shakespearean Tragedy (e.g. Othello, King Lear)
- Study of Literature (One from-Novel, Short Stories, Major Poet, Play)
- Study of film
- Oral presentation (public speaking)
- Extended writing option (creative or persuasive)

Assessment

Achievement Standard	Description	Credits	Assessment
90720 (3.1)	Produce an extended piece of writing in a selected style	4	Internal
90721 (3.2)	Respond critically to written text(s) studied	3	External
90722 (3.3)	Respond critically to Shakespearean drama studied	3	External
90723 (3.4)	Respond critically to oral or visual text studied	3	External
90724 (3.5)	Respond critically to unfamiliar prose and poetry texts	3	External
90725 (3.6)	Construct and deliver an oral presentation	4	Internal
90726 (3.7)	Complete independent research on a language or literature topic and present findings in written form	4	Internal
TOTAL number of credits available towards Level 3 NCEA		24	

Contact Person

Mrs Wood

NOTE:

English is not compulsory at Year 13

ENGLISH Year 13 Literacy

NCEA Level 2

Guideline(s)/Minimum Entry

Entry with approval of HOD English.

Previous year's results fail to provide literacy for university entrance.

(This course is not suitable for those who have completed 12 ENC)

Course availability is subject to minimum student numbers being achieved..

Course Content

Objectives

- To provide students with the minimum 8 literary credits required for university entrance
- To provide an alternative course to repeating Level 2 NCEA English

Content

- Reading, responding to a range of literature, media & film texts.
- Writing portfolio e.g. Profile, Trip/Sport report, Magazine article, Literary essay, Film Review.
- Wide Reading based on a common theme, historical period, or specific context.

Assessment

Internal 100%

Level	Unit Standard	Description	Credits
2	2.4	Produce a selection of crafted and controlled writing	6
2	2.7	Analyse significant connections across texts, supported by evidence	4
2	2.9	Form developed personal responses to independently read texts, supported by evidence	4
TOTAL number of credits available towards Level 2 NCEA			14

Level 2 or 3 Achievement standards by negotiation with individual students.

Information subject to change.

Contact Person:

Mrs Wood (Head of English)

ENGLISH SECOND LANGUAGE: ESL (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

Entry at student / family's request or on the recommendation of the Dean or HOD English / ESL.
Diagnostic testing is carried out to determine the student's level

Course/Course Content

Objectives:

- To increase students knowledge and understanding of the academic English required for secondary and tertiary study in NZ
- To learn about New Zealand culture
- To develop confidence in taking part in New Zealand society

Content

- The course covers academic and communicative English over the language skills of listening, speaking, reading, writing, grammar and vocabulary. Theme-based modules and units of work of topical or historic interest are studied. Students prepare for the English literacy Unit Standards required for entry into NZ Universities
- Students have weekly reading periods
- A regular homework programme with weekly testing is followed

Assessment

Internal 100%

Students sit two internal examinations and are recommended to attempt the NCEA English core literacy and ESOL Unit Standards.

The course will be assessed to the Level 2 English Unit Standards and Level 3 ESOL Unit Standards.

Type	Level	Unit Standard	Description	Credits	Assessment
English	2	12905	Read an inclusive variety of written texts and record the reading experience	4	Internal
English	2	8825	Produce transactional written text in complex form	5	Internal
English	2	12420	Read transactional written text closely	4	Internal
TOTAL number of Credits available towards the Level 3/4 NCEA				13	

Cost

A consumables charge of \$10.00

Contact Person

Ms Walker

FASHION & DESIGN (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

Year 12 Technology-Soft Material

Course/Course Content

Objectives

- To further students' skills and to allow students to explore new areas involved in fashion, design and garment construction
- Be better prepared for higher level learning such as the Bachelor of Design with majors in fashion.

Content

- Techniques used in construction and resourceful use of materials
- Designing a garment for a competition or event eg World of Wearable Arts
- Design and make a formal garment
- Pattern making and manipulation
- Fashion drawings
- Fabric decoration work e.g. machine embroidery, quilting, appliqué, computer image transfer.

Assessment

Internal 90% External 10%

Level	Achievement/ Unit Standard	Description	Credits	Assessment
3	90613	Develop a conceptual design to address a client issue	8	Internal
3	90687	Demonstrate techniques in materials technology	4	Internal
3	90686	Explain knowledge that underpins a materials technology outcome.	4	External
3	6700	Prepare for and construct a textile item for specified purpose.	6	Internal
3	6699	Prepare for and construct a garment for a formal occasion	6	Internal
3	16840	Prepare for and produce fashion drawings for a portfolio	5	Internal
TOTAL number of Credits available towards the Level 3 NCEA			33	

Costs

\$50.00 Consumables, Material and Equipment pack costs for project work.
Students keep the projects they make. Students to provide own fabrics and notions.

Contact Person

Ms Gee

FRENCH AS A SECOND LANGUAGE (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

An Achieved grade in each achievement standard at NCEA Level 2 French or HOD approval

Course/Course Content

Objectives

- To communicate effectively in the French language by developing competence in the four language skills: listening, speaking, reading, writing
- To learn about the French culture e.g. daily life, festivals, geographical regions
- To provide an extra dimension for career opportunities
- To enjoy using a second language in meaningful situations

Content

This is a continuation and development of the Year 12 course, and uses various themes of interest to students in order to reinforce language skills and aspect of French life and culture. Literature is also studied at this level. Topics studied may include:

- French speaking countries
- The Environment
- The Arts
- The Media
- Film study
- Novel study

Assessment

Two exams as practice for NCEA external standards and three internal assessments as well as regular testing of topics.

Internal 38% External 62%

Achievement Standard	Description	Credits	Assessment
90558 3.1	Listen to and understand complex spoken French in less familiar contexts	6	External
90559 3.2	Give a prepared speech in French, using complex language in a formal situation	3	Internal
90560 3.3	Converse in French, using complex language in less familiar contexts	3	Internal
90561 3.4	Read and understand written French containing complex language, in less familiar contexts	6	External
90562 3.5	Write text in French using complex language on a less familiar topic	3	External
90563 3.6	Write crafted text in French using complex language, with the support of resources	3	Internal
TOTAL number of credits available towards the Level 3 NCEA		24	

Cost

Online vocabulary \$10.

Contact person:

Mrs Harris

GERMAN AS A SECOND LANGUAGE (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

An Achieved grade in each achievement standard at NCEA Level 2 German or HOD approval

Course/Course Content

Objectives

- To communicate effectively in the German language by developing competence in the four language skills: listening, speaking, reading, writing
- To learn about the German culture e.g. daily life, festivals, geographical regions
- To provide an extra dimension for career opportunities
- To enjoy using a second language in meaningful situations

Content

This is a continuation and development of the Year 12 course, and uses various themes of interest to students in order to reinforce language skills and aspects of German life and culture. Literature is also studied at this level. Topics studied may include:

- Getting a job
- The environment
- The media and advertising
- Short stories
- Multicultural Germany
- Creative Arts
- A region of Germany

Assessment

Two exams as practice for NCEA external standards and three internal assessments as well as regular testing of topics.

Internal 38% External 62%

Achievement Standard	Description	Credits	Assessment
90564 3.1	Listen to and understand complex spoken German in less familiar contexts	6	External
90565 3.2	Give a prepared speech in German, using complex language in a formal situation	3	Internal
90566 3.3	Converse in German, using complex language in less familiar contexts	3	Internal
90567 3.4	Read and understand written German containing complex language, in less familiar contexts	6	External
90568 3.5	Write text in German using complex language on a less familiar topic	3	External
90569 3.6	Write crafted text in German using complex language, with the support of resources	3	Internal
TOTAL number of credits available towards the Level 3 NCEA		24	

Cost

\$25 German Write on Grammar notes (if not purchased in Year 12).

Students retain this workbook.

Online vocabulary learning \$10.

Contact Person

Mrs Harris

GEOGRAPHY (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

NCEA Level 2 - 16 credits

Year 12 Geography is preferred although Geography can be taken for the first time at Year 13 level if students meet the literacy criteria for Year 13 English.

Course/Course Content

Objectives

- Develop skills and techniques used in geographic inquiry and interpretation
- Develop an understanding of the physical environment and its interrelationship with people
- Develop an understanding of people's social and economic needs and values related to tourism development
- Enable students to contribute to society through being able to participate in soundly based decisions

Content

- Natural Processes - study of a drainage basin (Piha River)
 - formation processes
 - factors causing change
 - human modification
 - fieldwork
- Cultural Processes- study of tourism development (Rotorua and Vietnam)
 - operation of tourism development
 - patterns of activity
 - changes over time
- Internal Assessments - global issue
 - contemporary geographic issue
 - geographic research
- Skills
 - map interpretation and construction
 - graph interpretation and construction
 - statistical interpretation and analysis

Assessment

Achievement Standard	Description	Credits	Assessment
90701 (3.1)	Analyse natural processes in the context of a geographic environment	4	External
90702 (3.2)	Analyse a cultural process	4	External
90704 (3.4)	Select and apply skills and ideas in a geographic context	4	External
90705 (3.5)	Carry out and present geographic research with consultation	3	Internal
90706 (3.6)	Analyse a contemporary geographic issue and evaluate course of action	3	Internal
90707 (3.7)	Analyse a geographic topic at a global scale	3	Internal
TOTAL number of credits available towards the Level 3 NCEA		21	

Costs:

Field trips to Piha River Drainage Basin and Rotorua.

Approximate cost of \$300.

Contact Persons:

Ms Gibb, Ms Tomlinson, Ms Willingale

HISTORY (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

14 credits in NCEA Level 2 or with approval from Head of Department. Same literacy requirements as for Year 13 English.

NCEA Level 2 History is preferred although History can be taken for the first time at Year 13 level.

Course/Course Content

Objectives

- Develop an awareness of ourselves as New Zealanders
- Develop skills of inquiry, interpretation and communication
- Develop an understanding of other people, times and places
- Further understanding of trends and developments in New Zealand society

Content

NEW ZEALAND IN THE NINETEENTH CENTURY

- Maori/Pakeha Relations
 - early contact
 - the impact of the Treaty of Waitangi
 - race relations 1845 - 1900
- Economic and Political Change
 - key industries
 - political development and leadership
 - economic structure and change
- Society and attitudes
 - changing demographic patterns
 - major social issues
 - values, fears and aspirations

Assessment

Internal 42%

External 58%

Achievement Standard	Description	Credits	Assessment
90654 (3.1)	Plan and carry out independent historical research	4	Internal
90655 (3.2)	Communicate historical ideas and understandings	5	Internal
90656 (3.3)	Analyse and evaluate evidence in historical sources	5	External
90657 (3.4)	Evaluate a significant decision made by people in history, in an essay	5	External
90658 (3.5)	Examine a significant historical situation in the context of change, in an essay	5	External
TOTAL number of credits available towards the Level 3 NCEA		24	

Cost

History Trip 1: Northland – Missionaries assignment. Approx: \$130.00

History Trip 2: Waikato – Waikato Wars essays. Approx \$140.00

Contact Person

Mr McCormack, Mr Hurdell

HOSPITALITY (Year 13)

NCEA Level 2 and 3

Guideline(s)/Minimum Entry

Year 12 Hospitality (Unit 167) and Teacher approval

Year 12 Hospitality is open to ALL Year 13 students

Course/Course Content

Objectives

- To further students understanding of the needs, demands, knowledge and skills required when working in the hospitality industry
- To continue developing and extending students ability in the practical skills of food preparation and presentation including commercial cookery methods and their application
- To develop students knowledge of food hygiene procedures and practices in a commercial kitchen

Content

- This is outlined in the description of unit standards offered
- This course will provide students with both Level 2 and Level 3 unit standards in Hospitality.

Assessment

Internal 100%

Level	Unit Standard	Description	Credits
3	6630	Demonstrate knowledge of food safety.	5
3	15627	Demonstrate creativity in meal preparation and presentation	6
3	6648	Prepare, plan and serve food for a special occasion	4
3	168	Demonstrate knowledge of food contamination hazards and control methods used in a food business	4
2	14439	Provide buffet service in a commercial hospitality environment	3
TOTAL number of Credits available towards the Level 2 and 3 NCEA			22

Costs

\$80 consumables fee. Students cook and consume the food prepared.

Contact Person

Mrs Foxall

MATHEMATICS WITH CALCULUS (Year 13)

NCEA Level 3 (13MCA)

Guideline(s)/Minimum Entry

16 NCEA Level 2 Achievement Standard credits with Merit in 2.1, 2.2, 2.3 or Faculty Manager Approval

Course/Course Content

Objectives

The general aim is a course of mathematical study for those students with a particular interest in the Physical Sciences, Engineering and in general any field where analysis is an important tool.

More specific goals of the course are:

- To continue the development of the main stream of mathematics, with particular emphasis on calculus
- To consolidate and extend students facility with basic algebra, graphical and computational skills
- To advance students understanding of the nature of mathematical reasoning and the correct use of symbols, and their ability to construct and set out methodically the steps in a logical argument recognising the need for clearly stated assumptions and definitions

Content

The topics are a continuation of those introduced in Year 12

- Coordinate Geometry
- Trigonometry
- Calculus
- Algebra

There is also an increasing emphasis on problem solving and model making

Assessment

Internal 17% External 83 %

Achievement Standard	Description	Credits	Assessment
90635 (3.1)	Differentiate and use derivatives to solve problems	6	External
90636 (3.2)	Integrate functions and solve problems involving integration, differential equations or numerical methods.	6	External
90637 (3.3)	Solve problems and equations involving trigonometric functions	4	Internal
90638 (3.4)	Manipulate real and complex numbers, and solve equations	5	External
90639 (3.5)	Sketch graphs and find equations of conic sections	3	External
<i>TOTAL number of credits available towards the Level 3 NCEA</i>		<i>24</i>	

Cost

Approximately \$25 Nulake Workbook and a \$10 revision book.

A graphics calculator is required: FX 9759 GA PLUS or similar, cost approximately \$90

There are other optional revision resources to available to purchase.

All of these items are retained by students.

Contact Person

Mrs Fuge

STATISTICS and MODELLING (Year 13)

NCEA Level 3 (13MST)

Guideline(s)/Minimum Entry

14 credits at NCEA Level 2 in Achievement Standards (not Unit Standards).

Only 12MSL or 12MCL students. .

Course/Course Content

Objectives

The general aim is to provide a course of mathematical study appropriate for pupils interested in quantitative aspects of the biological and social sciences, medicine, commerce and administration, and in general any field where the collection, analysis and interpretation of quantitative data is important.

Content

- Algebra e.g. Algebraic and graphical solution to problems. Finding solutions through linear programming
- Log graphs and simple modelling e.g. practical modelling i.e. finding what kind of model is best suited to given data. Numerical analysis
- Probability and Probability Distributions
- Confidence Intervals
- Time Series
- Statistical Investigations and writing reports.

NB: There will be no further assessment opportunity (resit) for the internal 90645 (3.5) Bi-variate data.

Assessment

Internal 38%

External 62%

Achievement Standard	Description	Credits	Assessment
90641 (3.1)	Determine the trend for time series data	3	Internal
90642 (3.2)	Calculate confidence intervals for population parameters	3	External
90643 (3.3)	Probability (students will be selected for entry using mid year results.)	4	External
90644 (3.4)	Solve equations and linear programming	4	External
90645 (3.5)	Complete a statistical investigation involving bi-variate data	3	Internal
90646 (3.6)	Use probability distribution models to solve problems	4	External
90647 (3.7)	Use mathematical models involving curve fitting to solve problems	3	Internal
<i>TOTAL number of credits available towards the Level 3 NCEA</i>		<i>24</i>	

Cost

Nulake Workbook \$25 and a \$10 revision book.

A graphics calculator is required Casio FX9750GA Plus or similar.

Cost approximately \$90.

All of these items are retained by students.

Contact Person

Mr West or Mrs Fuge

MEDIA STUDIES (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

At least 12 credits in Level 2 Media Studies OR 5 out of 8 Level 2 English standards

Course/Course Content

Objectives

- Students should become more visually literate and sophisticated to be able to write detailed and credible responses to a wide range of media
- Students should be proficient in video production and editing knowledge & skills
- Students should be familiar with the works of a director
- Students should have an understanding of a NZ media industry
- Students should be able to understand the link between media and society
- Students should be able to understand a media issue in NZ and its significance to the media audience

Content

- Design a concept, treatment for a short film individually and work in a group to produce a script and storyboard for this design.
- Develop, shoot and edit the production
- Analyse a media issue
- Analyse the interrelationship between media products and the society in which they are developed
- Close read a range of media products and explore the language used
- In-depth study of the NZ Media Industry

Assessment

Achievement Standards	Description	Credits	Assessment
90599 (3.1)	Demonstrate understanding of a specific media industry	4	External
90600 (3.2)	Explain how meaning is created in media texts	4	Internal
90779 (3.3)	Investigate an aspect of media and explain its significance for New Zealand	4	Internal
90602 (3.4)	Explain the relationship between a media genre and society	4	External
90604 (3.6)	Complete and justify a concept and treatment for a media product	2	Internal
90606 (3.8)	Create a media product using appropriate media technology	6	Internal
TOTAL number of credits available towards Level 3 NCEA		24	

Contact Person

Mr J Goodier

Note: It is possible to select a course which combines Achievement Standards from both Music Studies and Practical Music. In doing this, you can select a course which reflects your strengths.

MUSIC (Practical) (Year 13) (NCEA Level 3)

Guideline(s)/Minimum Entry

An achieved grade in 4 NCEA level 2 standards and HOD approval of course structure.

Course/Course Content

Objectives

A practically-based course with an emphasis on composition and performance.

This course is designed to allow students to develop their musical strengths and interests.

Content

- Performing as a Soloist
- Listening skills
- Materials of Music and Analysis
- Composing Music

Assessment

Internal 83 %

External 17 %

Assessment Standard	Description	Credits	Assessment
AS 90526	Present a performance of a programme of music as a member of a group	4	Internal
AS 90777	Demonstrate aural skills across a range of musical style and genres	4	External
AS 90775	Present a portfolio of musical composition.	8	Internal
AS 90776	Prepare and present performances of music as a featured soloist.	8	Internal
TOTAL number of credits available towards the Level 3 NCEA		24	

It is possible, and, in most cases advisable, for students to mix the Achievement Standards of both Practical Music and Music Studies. Students with an interest in Contemporary Music Technology will also be able to complete Unit Standards. This will be done in consultation with the HOD.

Cost

Resources – DVD CD \$5

Music Tuition (if required) \$75

APO Concert \$15

Contact Person

Mrs Myhre

MUSIC STUDIES (Year 13)

(NCEA Level 3)

Guideline(s)/Minimum Entry

None

Course/Course Content

Objectives

This course is designed for students who are not performers or composers but who have an interest in music history, music in the community, and/or the contemporary music scene. It is not necessary to be a musician to succeed in this course.

This course is a suitable choice for students who have a desire to learn more about music in a contemporary context and who enjoy listening to music and researching topics.

Content

- Understanding the elements of a musical work and its performance
- Comparing music works
- Researching a music topic
- Understanding music in a social/historical context
- Music Technology
- Understanding Music Materials

Assessment

Internal 50 %

External 50 %

Achievement Standard	Description	Credits	Assessment
AS 90497	Examine the contexts that influence the expressive qualities of music	3	Internal
AS 90498	Compare and contrast music works	8	External
AS 90499	Research and present a music topic	6	Internal
AS 90527	Arrange Music	4	Internal
AS 90530	Demonstrate an understanding of harmonic and tonal procedures in a range of music	3	External
TOTAL number of credits available towards the Level 3 NCEA		24	

It is possible, and, in most cases advisable, for students to mix the Achievement Standards of both Practical Music and Music Studies. This will be done in consultation with the HOD.

Cost

Resources – DVD CD \$5.

Music Tuition (if required) \$75.

APO Concert \$15.

Contact Person

Mrs Myhre

NEW ZEALAND TOURISM (Year 13)

NCEA Level 2 / 3

National Certificate in Tourism & Travel Introductory Skills Level 2

Guideline(s) / Minimum Entry

An achieved grade in least 4 Unit Standards assessed in 12 NZT and/or Faculty Manager approval.

Year 13 students with a genuine interest in New Zealand Tourism, particularly those considering a career in this growing industry

Course/Course Content

Objectives

- To provide students with knowledge of the New Zealand Travel and Tourism Industry
- To provide prior-learning opportunities for further education and training in the Travel/Tourism industry

Content

Students will undertake travel and tourism modules which have been developed to meet standards established by the Aviation, Tourism and Travel Training Organisation (ATTTO)

- New Zealand tourist destinations
- Pacific Island countries and Australia as tourist destinations
- The economic significance of tourism to the NZ economy

Assessment

Internal 100%

Level	Unit Standard	Description	Credits
3	24725	Describe and analyse the economic significance of tourism	4
3	24733	Describe and promote a NZ tourist destination	4
3	3727	Demonstrate knowledge of Pacific Island countries as tourist destinations	8
3	18211	Demonstrate knowledge of Australia as a tourist destination	8
TOTAL number of credits towards NCEA Levels 2 & 3 and National Certificate in Tourism and Travel - Introductory Skills Level 2			24

Cost

Nil - STAR funded programme

Contact Person(s)

Mr James - Development Programmes Manager

PHYSICAL EDUCATION (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

An 'achieved' grade is required in five of the assessed level 2 standards (US/AS's) in Year 12 PE or Faculty Manager's discretion/ approval.

Course/Course Content

Objectives:

- Develop skills in acquiring, applying and evaluating in-depth knowledge in relation to Physical Education.
- Develop critical thinking/evaluative skills as well as organisational and leadership qualities in various settings.
- Develop a variety of physical skills in different situations, both individual and in a team role.
- Develop research and inquiry techniques and skills.

Content:

Biomechanics	Exercise Physiology
Training Principles & Methods	Video Analysis
Training/Exercise Programmes	Exercise Enablers & Barriers
Health Issues	Practical Performance (Aquathon)
Outdoor Education (Camp)	Safety and Risk Management

(All students are expected to participate in the Year 13 Physical Education Camp)

Assessment

Internal 100%

Achievement Standard	Description	Credits	Assessment
90739 (3.1)	Planning an Outdoor Experience or Physical Activity Programme	3	Internal
90741 (3.3)	Appraise and develop physical performance for self or others	5	Internal
90742 (3.4)	Sports performance - individual sport assessment	4	Internal
90743 (3.5)	Sport, culture and society - Research of a topic	4	Internal
90744 (3.6)	Examining physical activity to influence others	5	Internal
TOTAL number of credits available towards the Level 3 NCEA		21	

Cost

\$70 Activity Fee for year (e.g. pool lane hire, swimming coach).

\$275 approx for Camp.

Contact Person

Mr Lupton (Faculty Manager)

PHYSICS (Year 13)

NCEA Level 3

Guideline(s) / Minimum Entry

At least 14 credits in NCEA level 2 Physics, with at least 4 credits from P.2.1 & P.2.7 plus literacy and numeracy requirements

Course/Course Content

Objectives

In their study of Physics, students will use their developing scientific knowledge, skills, and attitudes to:

- Demonstrate an understanding of concepts, principles and models
- Apply concepts and principles to explain physical phenomena, systems and devices
- Appreciate the power and limitations of theories and models in Physics
- Analyse developments in Physics and physics-based applications and the influence of society on them
- Carry out practical investigations to determine relationships, patterns and trends in Physics-based systems
- Carry out practical investigations to identify and explain applications of Physics-based concepts and principles

Content

Modules of study will include:

Reading It Right

Understanding Oscillations

Electrical Circuit Devices

Tuning the TV and Radio

Nuclear Reactors and Reactions

Cars and Planes in Linear and Rotation

Music, Colours and Sound

Generating and Transforming Electricity

Nothing Goes Faster Than Light

Photons and Planck

Assessment

Internal 21 %

External 79%

Achievement Standard	Description	Credits	Assessment
90774 (P.3.1)	Carry out a practical physics investigation with guidance, that leads to a mathematical relationship	5	Internal
90520 (P.3.3)	Demonstrate understanding of wave systems	4	External
90521 (P.3.4)	Demonstrate understanding of translational , rotational & simple harmonic motion	6	External
90522 (P.3.5)	Demonstrate understanding of Atoms, Photons & Nuclei	3	External
90523 (P.3.6)	Demonstrate understanding of DC circuits, capacitance, electromagnetic induction and AC circuits	6	External
TOTAL number of credits available towards the Level 3 NCEA		24	

Cost

Year 13 Physics course manual cost \$30.00

NCEA Level 3 Revision Guide Approx \$30.00

All these items are retained by students.

Contact Person/s

Mrs Kaur or Mr McKie

RETAILING (Year 12 and Year 13)

NCEA Level 2

Guideline(s) / Minimum Entry

Teacher / Faculty Manager approval

Years 12 and 13 students with a genuine interest in pursuing an exciting career in the retail or wholesale industry

Course Content

Objectives

- to provide students the opportunity for learning in frontline customer service skills
- to provide students a work-based learning component
- to provide students with the opportunity to gain credits towards their NCEA and credits on the National Qualifications Framework

Content

- Customer care and selling techniques
- Working effectively in a team
- Workplace presentation
- Product knowledge (research project)

Assessment

During the programme students will be assessed in the following ways:

- classroom and practical assessment / field research
- theory assessments
- product knowledge report

<i>Assessment</i>		<i>Internal 100%</i>	
Level	Unit Standard	Description	Credits
2	62	Maintain personal presentation for the workplace	2
2	11831	Apply skills and qualities of a sales person	6
2	11938	Assist customers to buy goods and/or services face-to-face	2
2	11941	Build rapport with customers	2
2	11974	Participate in a team in a retail or distribution environment	4
2	19583	Demonstrate knowledge of products in a retail or distribution environment	4
2	24997	Demonstrate knowledge of theft and fraud in a retail or distribution environment	5
TOTAL number of credits available towards Level 2 NCEA			25

Cost

Nil -STAR funded programme

Contact Person

Mr James, Development Programmes Manager

SPORT AND RECREATION LEADERSHIP (Year 13)

NCEA Level 2 and 3

A Sport Leadership Programme in Partnership with Manukau Institute of Technology

This is a leadership course, all students who take this course will be expected to coach a sports team for a season and will be required to lead others in a wide range of physical activities.

Guideline(s)/Minimum Entry

- Positive involvement in both theory and practical work during Year 12 Physical Education or Year 12 Outdoor Education
- Have displayed leadership potential in Sports and Outdoor Pursuits
- Students must coach a sports team and must display a positive involvement in sports.
- Evidence of sports involvement at Year 11 and Year 12

Course/Course Content

Objectives:

- To increase understanding and knowledge of the Sport and Recreation area.
- To understand the principles of Sports leadership and to develop leadership skills.
- To give students the opportunity to develop effective delivery skills in the practical Sport and Recreation environment
- To allow students to identify and enhance their potential in the sport and recreation arena.

Content:

- Sport Leadership, Teaching Sports Skills, Innovative Games
- Coaching a Sports Team within the school, The Role of the Coach
- Introduction to Event Management
- Exercise Prescription
- Tramping and Outdoor pursuits

Assessment

Internal 100%

Level	Unit Standard	Description	Credits	Assessment
3	22771	Plan a beginner level coaching session for sports participants	4	Internal
3	22768	Conduct and review a beginner level coaching session	6	Internal
2	467	Demonstrate group and personal skills through adventure based learning	3	Internal
3	7021	Demonstrate Exercise Techniques	8	Internal
3	13353	Demonstrate knowledge and skills in an outdoor pursuit activity	3	Internal
<i>TOTAL number of Credits available towards levels 2 & 3 NCEA</i>			24	

Cost

Camp \$600.00 (Approx)

Class Trips \$50.00

Contact person

Mr Storrie

TECHNOLOGY (Materials -Wood, Metal & Plastic) (Year 13)

NCEA Levels 1 & 2

Guideline(s)/Minimum Entry

Students must have passed the Carpentry and Furniture Skills Year 2 course (minimum of 12 credits) and have the approval of the Head of faculty or teacher in charge.

Course/Course Content

This course offers a range of achievement standards and unit standards. It is designed to enable students to follow either an academic pathway to a university design course, or an apprenticeship in one of the trades.

Objectives

The objectives of this course are to develop in students:

- The ability to use existing skills in more creative and productive ways
- Skills to create solutions to given real life problems
- Abilities to solve problems using either timber, metal or plastic
- Higher order thinking skills

Content

- Students will be given a design related problem in the form of a Design Brief. They will then follow the Technological Practice, sometimes referred to as the Design Process, to create an appropriate solution. Along the way students will produce a design portfolio, as well as the product itself.
- The portfolio will be useful for students to take to interview either at university or an apprentice institution.

Assessment

Internal 100%

Unit & Achievement Standards	Description	Credits	Level	Assessment
2216	Recognise and confirm job specifications	2	1	Internal
2432	Construct engineering plane geometric shapes under supervision	3	2	Internal
2430	Draw and interpret engineering sketches under supervision	4	2	Internal
4434	Demonstrate knowledge of basic geometric form in engineering	1	1	Internal
90350	Develop and implement a one-off solution in materials technology	6	2	Internal
90372	Demonstrate skills in materials technology	4	2	Internal
<i>TOTAL number of credits available towards the Level1& 2 NCEA</i>		20		

Cost

\$60.00 for the cost of materials used to produce project work which the students keep, and a graphics pack of drawing equipment.

Contact Person

Mr Gowers

VISUAL ART (PAINTING) (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

Achieved or higher grade in NCEA 2.1, 2.2, 2.3 Art

Course/Course Content

Objectives

To develop student's knowledge and understanding of established practice, procedures, materials and techniques and extend this knowledge through individual practice.

Content

Achievement standards

- 3.2 involves the investigation of a theme (chosen by the student) using the influences of selected established artists.
- 3.3 (3 folio boards) builds upon and develops the work produced for 3.2.

Due to the large amount of portfolio work involved in this subject students are strongly recommended not to take this subject as well as Graphics.

Assessment

Achievement Standard	Description	Credits	Assessment
3.2 /90663	Investigate and use ideas & methods in the context of drawing study in painting or sculpture	6	Internal
3.3/ 90667	Produce original work within painting or sculpture to show extensive knowledge of art-making methods and ideas	14	External
<i>TOTAL number of credits available towards the Level 3 NCEA</i>		<i>20</i>	

Cost

Materials - \$80 (to include a starter pack)

Folio boards cost an additional \$15.00 (for 3)

Students keep all items.

Contact Person

Ms H Massey

VISUAL ART PHOTOGRAPHY (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

An Achieved grade or higher in NCEA 2.1, 2.2, 2.3 photography

Course/Course Content

Objectives

To develop an understanding of photographic procedures and techniques and extend this knowledge through individual practice.

Content

- Recent and established practices in photography
- Developing students' abilities in photography as an art form and as a means of generating, analysing, clarifying and regenerating ideas.
- Exploration and development of an individually selected theme

Assessment

Internal 33.3%

External 66.6%

Standard	Description	Credits	Assessment
AS 90660, 3.1	Research and analyse approaches within established photography practice	4	Internal
AS 90664, 3.2	Investigate and use ideas & methods in the context of drawing study in photography	6	Internal
AS 90668, 3.3	Produce original work within photography to show extensive knowledge of art-making methods and ideas	14	External
TOTAL number of credits available towards the Level 3 NCEA		24	

Cost

Chemical Fee \$40.00

Photographic paper as needed approximately \$150.00

Folio board costs \$15.00

Students keep all items.

NOTE: Students wishing to study Photography at this level must have a camera and tripod.

Contact Person

Ms Bell