



2014 COLLEGE COURSE HANDBOOK



Senior School
(Years 11, 12 and 13)



From the Principal

Glendowie College Senior School has very strong academic, co-curricular and service programmes. We offer a diverse range of academic subjects to prepare our young men and women for tertiary education and life beyond.

The Senior School NCEA Course Handbook outlines the variety and nature of subjects available to study in 2014. The selection of an appropriate course of study is very important and should be made with open dialogue between students, parents, Form Teachers, Subject Teachers, Deans and the Careers Department. Ultimately, your choice of options will determine next year's Senior School timetable and enable us to plan for staffing and resources.

College years are a time for exploring new avenues of interest. It is important to keep your courses varied for as long as possible. Work on your strengths and genuine interests – this will help you choose courses that you will both enjoy and know that you can properly manage. Your choice of options requires careful thought so they do not restrict your opportunities in later years of study.

Whilst students entering Senior School may not have determined their career direction, it is essential to begin the process of considering future subjects and areas of interest. There are suggestions in this booklet about how best to begin this process and a section on tertiary education courses as well.

The Careers Department (led by Mr James) is able to help students seek information about the vast range of university courses and careers now available. In a rapidly changing world keeping up with such trends and opportunities is important.

A deadline will be set for selection of subjects. You should consider carefully your final course options, as alterations are more difficult to make at a later stage.

I hope that the information in this Handbook will help you in the on-going process of planning ahead for your future. If you need more information or help in making your decisions, be sure to talk to your Form Teacher, Dean, Subject Teachers and Mr James.



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 Science is not compulsory, students are **strongly advised** to take the subject 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 minimum requirements/guidelines 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 minimum requirements/guidelines. The notes on each subject also include the minimum requirements/guidelines 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 current year 12 students intending to gain University Entrance after Year 13 studies in 2014 must also achieve a minimum of 10 credits at Level 2 or higher in English (5 credits - reading; 5 credits – writing.) This is the new Literacy requirement for University Entrance from 2014.

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

The following link shows other Level 2 standards across a variety of subjects that contribute credits to the University Entrance Literacy requirements: <http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/literacy-requirements-for-university-entrance-from-2014/>

Note:

- Most subjects have a minimum requirement. These are listed as guideline(s).
- Subjects with no such prerequisites require the approval of the relevant Faculty Leader 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 Leaders, may after discussion, allow a pupil to do a course without having the normal minimum requirements/guidelines.

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.

UNDERSTANDING THE NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

Introduction

What is NCEA?

NCEA which stands for the National Certificate of Educational Achievement, is the main qualification for secondary school students in New Zealand and can be gained in three levels (1,2,3). NCEA is the most common qualification you will be working towards in years 11 to 13.

Why should I work towards NCEA?

NCEA and other nationally recognised certificates are regarded by employers and used for selection into courses by universities and other tertiary institutions. NCEA is also accepted by employers and universities overseas.

Independent research¹ has shown that if you do well in NCEA, you are likely to do well in your first year at university.

How do I get NCEA?

NCEA is gained by building up credits. Credits are awarded for each standard you achieve in the courses you are studying.

- **Standards** are the skills or knowledge that you are expected to achieve or know in a course. For example, a Mathematics standard is: *Apply numeric reasoning in solving problems*.
- **Assessments** measure how well you meet these standards. Assessments can be internal (a test, activity, brief or assignment) or external (an end-of-year exam or portfolio).
- When you achieve a standard, you also achieve the number of **credits** for that standard.
- When you achieve a certain number of credits, you gain NCEA. There are three different levels of NCEA (Levels 1, 2, 3), usually done at years 11, 12 and 13.

¹ *The Predictability of Enrolment and First Year University Results from Secondary School Performance* (Starpath, University of Auckland, 2008).

“Almost 100% of our students enter tertiary education, many are awarded national scholarships and many are accepted for competitive courses such as law and health sciences. A growing number are travelling overseas to university and have no trouble gaining entry. NCEA is an excellent qualification and offers a seamless transition to tertiary education.”

Margaret van Meeuwen, Assistant Principal, Diocesan School for Girls, Auckland

The Details

How do I enter for NCEA?

Your school will enter you for NCEA and tell you when to pay your fees.

NCEA is administered by the New Zealand Qualifications Authority (NZQA). You can use your unique National Student Number (NSN) to look up information NZQA holds about you sent in by your school, including your entries, results and *Record of Achievement*. For more information see www.nzqa.govt.nz/ncea or phone NZQA on 0800 697 296.

How should I choose my courses?

In year 11, you will probably take a broad range of courses that can lead on to more specialised subjects. In years 12 and 13, you will start thinking about what areas you need to focus on for your future study or career. If you have a particular career in mind, find out what courses you will need from your school (careers advisors, Deans or teachers) or the place where you intend to study.

How do I achieve a standard?

When you study a course, your work is measured against registered standards using **assessments**. As you study a new topic your teachers will explain to you what is going to be assessed. Teachers will tell you if you are on the right track and help you to improve your work.

An assessment programme for a Mathematics course at level 1 may look like this:

STANDARD	ASSESSMENT	NAME OF STANDARD	CREDITS
91026	Internal	1.1 Apply numeric reasoning in solving problems	4
91027	External	1.2 Apply algebraic procedures in solving problems	4
91028	External	1.3 Investigate relationships between tables, equations and graphs	4
91031	External	1.6 Apply geometric reasoning in solving problems	4
91038	Internal	1.13 Investigate a situation involving elements of chance	3
Total			19

Types of Standards

Schools assess two types of standards:

- Achievement standards can be assessed by internal assessment in schools, by external assessment through NZQA examinations at the end of the year, or by portfolios submitted for external assessment.
- Unit standards are usually assessed internally in school or the workplace.

Levels of Standards

The standards assessed in schools are usually at **Levels 1, 2 and 3**. Most year 11 students start at Level 1, and progress to Level 2 in year 12, and Level 3 in year 13.

A certificate is awarded according to the level of the standards you achieve. For example, if you achieve 80 Level 1 standards, including 10 credits each in literacy and numeracy, you will gain Level 1 NCEA.

Multi-Level Study

Schools may allow you to study a mix of standards at different levels, depending on your ability. For example, in year 12 you may do most courses at Level 2, but start a new course at Level 1 or study another course at Level 3 because you are good at it. In addition, students may study multi-level courses with standards assessed at more than one level, e.g. an English course at year 11 may contain both Level 1 and Level 2 standards.

How will my work be assessed?

Assessments measure your performance against the standards in your courses. If your work meets the requirements of the standard, then you achieve that standard and you gain **credits** towards your qualification.

Most **external** assessments are by exam at the end of the year, although for some subjects (e.g. Technology, Visual Arts) you will need to submit a portfolio of your work. Many standards are **internally** assessed by your teachers during the year. NZQA checks that there is consistency in assessment across all schools.

How will I be graded in each standard?

Your grade will depend on the type of standard being assessed.

- For **achievement standards** you can get: Achieved (A) for a satisfactory performance, Merit (M) for very good performance, Excellence (E) for excellent performance, or Not Achieved (N) if you don't meet the requirements of the standard.
- For **unit standards** all grades may be available, but mostly Achieved (A) or Not Achieved (N).

Recognising High Achievement

NCEA can be endorsed to reflect high achievement. It is worth trying to gain Merit and Excellence for standards you are good at, which may lead to endorsement. There are two types of endorsement: Certificate Endorsement and Course Endorsement.

Certificate Endorsement: If you gain 50 credits at Excellence at a particular level your NCEA will be endorsed with Excellence. If you gain 50 credits at Merit (or a mix of Merit and Excellence) your NCEA will be endorsed with Merit. Credits must be gained at the Level of certificate, or above.

In 2011, 13.3% of year 11 students gained Level 1 NCEA with Excellence and 33% gained Level 1 NCEA with Merit.

"NCEA is hugely challenging for students. To achieve Excellence is far more demanding than a high mark was in the previous exam system. But the good thing is NCEA is utterly transparent – everyone knows what you have to do to get good grades."

Julia Davidson, Principal of Wellington Girls' College and Chair of New Zealand Principals' Council

Course Endorsement: If in a single year you gain 14 or more credits at Merit and/or Excellence for a course, you will gain endorsement in that course. Of these credits, at least 3 credits must be from externally assessed standards and 3 credits from internally assessed standards in that course. (Note: this condition does not apply to Physical Education, Religious Studies or Level 3 Visual Arts).

What happens if I don't achieve a standard?

For internally assessed standards, your school may allow you (and others in your class) to be assessed one more time. For some standards your school may delay your reassessment until the final term, taking into account most of your year's work.

For externally assessed standards, there is only one opportunity to achieve the standard each year – the exam or other external assessment at the end of the year.

How many credits do I need for an NCEA Certificate?

Each standard is worth a set number of credits. When you achieve standards, these credits count towards NCEA. They may also contribute towards other nationally recognised certificates, such as a National Certificate in Business Administration.

Credits can be gained over more than one year. Credits gained at one level can count towards more than one certificate.

What you need for NCEA certificates:

Level 3	60 credits at Level 3 or above	plus 20 credits at Level 2 or above
Level 2	60 credits at Level 2 or above	plus 20 credits at any level
Level 1	80 credits at Level 1 or above	

Level 3: 80 credits – a minimum of 60 credits at level 3 or above and 20 credits at level 2 or above.

Level 2: 80 credits – a minimum of 60 credits at level 2 or above and 20 credits at any level.

Level 1: 80 credits at level 1 or above, including literacy and numeracy requirements. From 2012, the requirement is 10 credits in literacy and 10 credits in numeracy. Your teacher will explain how these work.

Can I study at different levels?

You do not need to gain NCEA Level 1 to achieve NCEA Level 2. It is possible to study at Level 2 before achieving a Level 1 certificate. Any credits you earn at Level 2 will count towards Level 1; at the same time you can begin work towards Level 2. 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. Your school can help you decide what courses to study.

What do I need to gain University Entrance?

University Entrance is the minimum requirement for entrance into university in New Zealand. Most universities and other tertiary institutions have additional requirements, particularly for entry into specific courses.

Changes to University Entrance requirements will apply from 2014 and will be used for the first time by students entering university in 2015. To gain University Entrance you will need to achieve NCEA Level 3 and three subjects of 14 credits each from the list of approved subjects. You will also need to meet the literacy and numeracy requirements. For more information about changes to University Entrance visit <http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance>

What other qualifications can I aim for at school?

Your school may offer other nationally recognised certificates as well as NCEA. Some of the most popular ones include: Business Administration, Computing, Hospitality (Food and Beverage Service), Mechanical Engineering Technology, Te Waharoa (Māori) and Tourism and Travel. Ask your school what nationally recognised certificates they offer in areas that interest you.

Credits from some work may count towards more than one qualification and all credits count towards NCEA. Some qualifications can be completed at school and others you may start at school and then finish in the workplace or at a tertiary institution.

NZQA Scholarship - an additional challenge

Scholarship is a national external assessment for top Senior School students. Scholarship examines course material related to, and in extension to NCEA Level 3.

Scholarship examinations are demanding and require students to demonstrate high-level critical thinking and analytical skills, a comprehensive understanding of key content as well as advanced written language skills. NZQA's intention is that 3% of the total number of Year 13 students in the country sitting Level 3 in each of the available subjects will be awarded a Scholarship, provided Scholarship standards are met. Of the top 3% nationwide who gain a Scholarship pass, a small number, equating to approximately 0.5% nationwide, will be accorded an Outstanding Scholarship. Each year between 5 to 10 students nationwide are selected for a Premier Scholars Award.

Successful Scholarship students gain substantial monetary awards. A Scholarship in just one subject receives \$500, as a single payment. Other Scholarship awards result in payments spanning three years of successful tertiary study. These awards are outlined in the table.

Glendowie College has, over the years, had great success preparing our students for these rigorous examinations.

Premier Award
For the very top 5 to 10 candidates in New Zealand. The minimum eligibility requirement to be considered for this award is at least 5 or more Scholarships with at least three at 'Outstanding' level. Award: \$10,000 each year for up to three years as long as candidates maintain at least a 'B' grade average in tertiary study.
Outstanding Scholar Award
Either: At least two Scholarships at 'Outstanding' level plus at least one at 'Scholarship' level; or One Scholarship at 'Outstanding' level plus five or more at Scholarship level. Award: \$5,000 each year for three years as long as candidates maintain a 'B' grade average in tertiary study.
Scholarship Award
For candidates who get Scholarship in three or more subjects. Award: \$2,000 each year for up to three years as long as candidates maintain a 'B' grade average in tertiary study.
Top Subject Scholar Award
For the top candidate in each one of the Scholarship subjects. Award: \$2,000 each year for up to three years as long as candidates maintain a 'B' grade average in tertiary study.
Single Subject Awards
For candidates who get Scholarship in one or two subjects. A 'one-off' award of \$500 per subject (maximum payment \$1000).

Getting your NCEA Results

How will I get my results?

The New Zealand Qualifications Authority (NZQA) administers NCEA and holds a database of all results. To access your results, log in to your learner home page on the NZQA website, www.nzqa.govt.nz/learner-login using your unique National Student Number (NSN).

You will be able to see:

- Results of your internal assessments as they are completed, and reported to NZQA by your school.
- Results of your examinations, or other external assessment in January.
- Scholarship examination results in February.
- University Entrance, if awarded.

Creating a record of my results

Documents recording your results are:

- Certificates for NCEA and University Entrance. NCEA certificates include certificate endorsement (with Merit or Excellence).
- The *School Results Summary* (SRS). Your SRS lists all the standards for which you have been assessed with the results, including Not Achieved results, grouped by year, course and Level. It also contains a detailed summary of your credits by course and Level.
- The *Record of Achievement* (ROA) is an official transcript of standards and qualifications achieved and will grow as you gain new standards through tertiary study and industry training.

Certificates for NCEA and University Entrance will be printed on request (one copy free) and sent to you.

You can print your SRS or ROA (or a selection) directly from the website. An official copy can be requested (one copy free) and sent to you.

Can I appeal my results?

If you have a question about the marking of an internal assessment, you should discuss this with your teacher at the time your work is returned.

Your examination papers will be returned to you by mid February. If you believe there was an error in the way your paper was marked, you can ask NZQA to review or reconsider the results. For more information about how to do this visit www.nzqa.govt.nz

Tips for Parents/Whanau

- Ask your son/daughter how NCEA works – most students understand it well.
- Provide support (e.g. time, space, homework support) to help your son/daughter study remember they will be assessed throughout the year, not just in final examinations.
- When helping your son/daughter choose courses, encourage them to take a broad range at Level 1, but to start thinking about what areas they might focus on for future study or a career at Levels 2 and 3.
- Encourage your son/daughter to aim for higher grades – Merit and Excellence. These will improve their career prospects, or improve their chances of gaining entry into their chosen tertiary course.
- If your son/daughter has a particular career or tertiary course in mind, check out what Level 2 or Level 3 standards they may require to enter the university or other tertiary institution where they intend to study.
- Ask your son/daughter's school or teachers for guidance on how they are progressing. Most schools also hold very helpful qualification information sessions for parents.
- See the NCEA information on the NZQA website www.nzqa.govt.nz/ncea

“Our family absolutely loved the NCEA approach. The workload in regular classes wasn’t unreasonable and our son was challenged appropriately. He likes to show up as being smart so he had to work hard – but his results really do reflect his achievements, not a whole lot of other factors. I’m a big proponent of NCEA – it makes happier adults.”

Jonny Newbre, mother of Alex Hayashi – left Rangitoto College in 2007 and, later accepted at University of California, Berkeley

More information

NCEA	<p>Talk to your teachers or contact the New Zealand Qualifications Authority (NZQA): Phone 0800 697 296 www.nzqa.govt.nz/ncea Links for students: www.nzqa.govt.nz/students The exam timetable: www.nzqa.govt.nz/timetable Past exam papers and other subject resources: www.nzqa.govt.nz/ <subject> (e.g. English, Science, Mathematics) To view your Record of Achievement and get your results: www.nzqa.govt.nz/learner-login</p>
CAREERS ADVICE	<p>Talk to your school careers advisor or contact Careers New Zealand: Phone 0800 222 733 www.careers.govt.nz</p>
QUALIFICATIONS	<p>See what qualifications are available: New Zealand Qualifications Framework www.nzqa.govt.nz/nzqf</p>
STUDY SKILLS	<p>Find NCEA study tips and skills: www.studyit.org.nz</p>

New Zealand Qualifications Authority
P 0800 697 296
E helpdesk@nzqa.govt.nz | www.nzqa.govt.nz

PLANNING YOUR COURSE

Some Suggestions

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

As you plan your course, carefully assess your interests, skills and learning style and choose subjects that build on these.

We recommend that you do not 'specialise' too early and that you aim to maintain a broad range of subjects for as long as possible. This will help to prevent you limiting your future study prospects. Select your courses carefully as it will be more difficult to change them at a later date.

If you have a particular career in mind, you may need to study some specified subjects. There is a guide to tertiary study requirements and subject choices in this handbook but do be aware that university courses change frequently and you need to be proactive in seeking up to date information directly from the university or from the Careers Department at the College.

As you plan your course and choose your subject options think about these things:

- Your interests and abilities
- Which subjects you enjoy the most
- The skills you have and would like to develop
- Your preferred learning style
- Your possible future career interests
- Are there subject requirements (pre-requisites) at the next level?
- Any entry criteria for tertiary education?
- Is the subject on the University Approved list of subjects? (See List of Approved Subjects)
- Do I have sufficient flexibility to change my course if my career goals change?

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.

NOTES:

When I leave college I hope to ...

For this plan I need to ...

... take these subjects in Year 11 (6 NCEA Level 1 subjects)

NCEA Level 1

1.	English (Compulsory)
2.	Mathematics (Compulsory)
3.	Science (Strongly Recommended)
4.	
5.	
6.	

... take these subjects in Year 12 (6 NCEA Level 2 subjects)

NCEA Level 2

1.	English (Compulsory)
2.	
3.	
4.	
5.	
6.	

... take these subjects in Year 13 (5 NCEA Level 3 subjects)

NCEA Level 3

1.	
2.	
3.	
4.	
5.	
6. *	

**Note: Some students may be allowed to take 6 subjects in Year 13.*

THE FLOW OF SUBJECTS – GLENDOWIE COLLEGE 2014					
	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)	Te Reo Maori (11MAO)		
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)		
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)
		Enterprise Studies (10EST)	Economics (11ECO)	Economics (12ECO)	Economics (13ECO)
			Business Studies (11BUS)	Business Studies (12BUS)	Business Studies (13BUS)
HEALTH & PHYSICAL EDUCATION					
	Health (9HEA)	Health (10HEA)	Health (11HEA)	Early Childhood Education (12ECE)	
	Physical Education (9PHE)	Physical Education (10PHE)	Specialist Physical Education (11PHS)	Physical Education (12PHE)	Physical Education (13PHE)
			Physical Education (11PHE)	Outdoor Education (12OED)	Outdoor Education (13OED)
					Sport and Recreation (13SPR)

	YEAR 9	YEAR 10	NCEA LEVEL 1	NCEA LEVEL 2	NCEA LEVEL 3
TECHNOLOGY					
Technology	Technology (9TEC)				Technology (13TEC)
Computing		Digital Technology Computing (10DTC)	Digital Technology Computing (11DTC)	Digital Technology Computing (12DTC)	Digital Technology Computing (13DTC)
Programming			Programming (11PRG)	Digital Technology Computing (12DTC)	Digital Technology Computing (13DTC)
Electronics		Digital Technology Electronics (10DTE)	Digital Technology Electronics (11DTE)	Digital Technology Electronics (12DTE)	Digital Technology Electronics (13DTE)
Food Technology/ Hospitality		Food Technology (10FTE)	Food Technology (11FTE)	Hospitality (12HOS)	Hospitality (13HOS)
Design and Visual Communication (Graphics)		Visual Communication (Graphics) (10DVC)	Visual Communication (Graphics) (11DVC)	Visual Communication (Graphics) (12DVC)	Visual Communication (Graphics) (13DVC)
Hard Materials Technology		Hard Materials (10HMT)	Building Construction & Allied Trade Skills (11BCT)	Building Construction & Allied Trade Skills (12BCT)	Technology (13TEC)
Soft Materials Technology		Design Technology – Fabric (10FAB)	Design Technology – Fabric (11DEF)	Design Technology – Fabric (12DEF)	Fashion and Design (13FAD)
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 - Painting (11APA)	Art - Painting (12PAI)	Art - Painting (13PAI)
DANCE	Dance (9DNC)	Dance (10DNC)	Dance (11DNC)		
				Art History (12ARH)	Art History (13ARH)
			Art - Photography (11APH)	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)				
MANDARIN	Mandarin (Beginners) (9MAB)	Mandarin (10MAN)			
	Mandarin (Advanced) (9MAA)				
DEVELOPMENT PROGRAMMES					
CAREERS				Gateway to Employment (12GEM)	
NEW ZEALAND TOURISM				New Zealand Tourism (12NZT)	New Zealand Tourism (13NZT)
RETAILING				Retailing (12RET)	Retailing (13RET)

Guidelines 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**

From 2014 – New University Entrance Requirement – For university entry in 2015 onwards -

Students will need to meet all of the following requirements:

- attain NCEA Level 3
- achieve 14 credits at Level 3 in each of three (3) subjects from the list of approved subjects
- achieve UE numeracy – 10 credits at Level 1 and above from specific achievement standards or 3 specific numeracy unit standards
- achieve UE literacy – 10 credits (5 in reading and 5 in writing) at Level 2 and above from specific standards

From 2016 the University of Auckland will offer a student an unconditional place if the applicant gains a minimum of 17 credits in English at Level 2 or 3. This is in addition to the UE requirement and other entry and programme requirements. Students not meeting the 17 credit English requirement will be required to take (and pass) an academic English paper in their first year of university study. **This will impact on students entering Year 11 in 2014.**

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

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 *• Business Studies*• Chemistry *• Chinese (Second Language)• Classical Studies *• Computing*• Cook Island/ Maori• Dance• Design (Practical Art)• Drama *• Economics *• Education for Sustainability• English *• French (Second Language) *• Geography *• German (Second Language) *• Graphics *• Health Education• History *• History of Art * | <ul style="list-style-type: none">• Home Economics• Indonesian• 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)• Religious Studies• 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
* Only five subjects are included in the calculation ** Maximum 24 credits per subject. Any points above this limit are excluded *** Not included as only best 80 credits used in calculation of rank score				

SCHEDULE A – To be used in conjunction with 2014 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

2014 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)	230 with a minimum of 16 credits in one subject from Table A and minimum 16 credits in one subject from Table B	Subject to the qualitative evaluation of a portfolio of creative work and written statement.
Bachelor of Arts (BA) ¹ Certificate in Arts (CertArts)	150	Nil
Bachelor of Commerce (Bcom)	180 with a minimum of 16 credits in each of three subjects from Table A and/or Table B	Nil
Bachelor of Dance Studies (BDanceSt)	150	Subject to the qualitative evaluation of a CV, written statement and an audition/interview
Bachelor of Engineering (Honours) (BE(Hons))	250 with 17 external Level 3 credits in Calculus and 16 external Level 3 credits in Physics.	Nil
Bachelor of Education (Teaching) (BE(Tchg)) ²	150	Subject to a satisfactory interview, police check and referees' reports.
Bachelor of Fine Arts (BFA)	150	Subject to the qualitative evaluation of a portfolio of 12 colour reproductions and written statement.
Bachelor of Health Sciences (BHSc)	250 with a minimum of 18 credits in one subject from Table A and a minimum 18 credits in one subject from Table B	Nil
Bachelor of Human Services (BHumServ) ²	150	Subject to a satisfactory interview, police check and referees' reports.
Bachelor of Laws (LLB (Part 1))	Students must be offered a place in another bachelor's degree. Entry will be based on the guaranteed scores for the other bachelor's degree	
Bachelor of Music (BMus) - Classical Performance, Jazz, Performance and Popular Music Majors - Composition and Musicology majors	150	Subject to the qualitative evaluation of a CV, music certificates, referees' reports An audition is required for applicants taking the major in Classical Performance, Jazz, Performance and Popular Music Composition major requires a portfolio of 2 or 3 works
Bachelor of Nursing (BNurs)	210 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	Subject to a satisfactory interview
Bachelor of Physical Education (BPE) ²	150	Subject to a satisfactory interview, police check and referees' reports.

Programme	NCEA (Level 3)	Other requirements
Bachelor of Property (BProp)	180 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 - Food Science and Nutrition -all other majors/specialisations	280 180 200 165	For Sport and Exercise Science major, 14 credits in Biology or Human Biology at NCEA Level 3
Bachelor of Social Work (BSW) ²	150	Subject to a satisfactory interview, police check and referees' reports.
Bachelor of Technology (BTech)	220	Nil
Bachelor of Theology (BTheol) ⁴	150	Nil
Bachelor of Urban Planning (BPlan)	TBC	
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	270 with 17 external Level 3 credits in Calculus and 16 external Level 3 credits in Physics.	Nil
Bachelor of Fine Arts conjoints	210	Subject to the qualitative evaluation of a portfolio of 12 colour reproductions and written statement.
Bachelor of Health Sciences conjoints	250 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	Subject to the qualitative evaluation of a CV, music certificates, referees' reports An audition is required for applicants taking the major in Classical Performance, Jazz, Performance and Popular Music Composition major requires a portfolio of 2 or 3 works
Bachelor of Nursing conjoints	210 with a minimum of 18 credits in one subject from Table A and minimum 18 credits from one of Biology, Chemistry, Physics	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	210	Nil
Bachelor of Theology conjoints	210	Nil

1. Maori school leaver applicants who achieve the University Entrance (UE) Standard will be admitted to the Bachelor of Arts (BA)
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
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.
4. Maori and Pacific school leaver applicants who achieve the UE Standard will be admitted to the Bachelor of Theology (BTheol)

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.

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.

International students will be required to achieve higher rank scores

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.

STUDY OVERSEAS

Study in Australia

Please check carefully the application requirements of your selected universities, particularly the requirements for completing an English course at an appropriate level. Some Australian universities require equivalent final secondary year study in English.

Study in Canada

<http://studyincanada.com>

Study in United Kingdom

www.ucas.com

Study in the United States

The process of applying to study in the United States takes far longer to organise than the application process for study in New Zealand. It is recommended that you start 12-18 months before you plan to begin study in the United States.

Standardised tests are a requirement for entry into most United States universities. SAT tests are widely recognised for undergraduate college admissions.

www.collegeboard.com

SAT's

www.ncaa.org

Sports Scholarships, Rankings

Students who intend applying to the United States for a **Sporting Scholarship** need to make sure that they study the required core subjects as requested by the NCAA, as only core courses are used in the calculation of the grade-point average.

PLEASE NOTE:

For specific details and minimum requirements/guidelines 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.

Course Structure for Year 11 Students - NCEA

The national qualification for students in Year 11 is Level 1 of the National Certificate of Educational Achievement (NCEA).

In Year 11 all students take 6 subjects, comprising the 3 core subjects (English, Mathematics, Science) and 3 selected subjects.

When selecting courses for Year 11, students should look ahead to Year 12 and 13, also taking into account their long term career aspirations.

Level 1 subjects have a combination of internally and externally assessed Achievement Standards.

Year 11 Subjects Qualification: Level 1 NCEA

English (11ENG)
Media Studies (11MES)
Esol (11 ESOL)
Specialist Mathematics (11MAS)
Mathematics (11MAT)
Mathematics Applied I (11MAA)
Accounting (11ACC)
Specialist Science (11SCS)
Integrated Science (11SCI)
NZASE Science (11SCA)
Geography (11GEO)
History (11HIS)
Economics (11ECO)
Business Studies (11BUS)
Health (11HEA)
Specialist Physical Education (11PHS)
Physical Education (11PHE)

Te Reo Maori (11MAO)
Digital Technology -- Computing (11DTC)
Programming (11PRG)
Digital Technology -- Electronics (11DTE)
Food Technology (11FTE)
Visual Communication (Graphics) (11DVC)
Building Construction & Allied Trade Skills (11BCT)
Design Technology – Fabric (11DEF)
Drama (11DRA)
Music (11MUS)
Art – Painting (11APA)
Dance (11DNC)
Art – Photography (11APH)
French (11FRE)
German (11GER)

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 57% External 43%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90977 (1.2)	Process financial transactions for a small entity	5	Internal	
90978 (1.3)	Prepare financial statements for a sole proprietors	5	External	
90980 (1.5)	Interpret Accounting information for Sole Proprietors	4	External	L
90981 (1.6)	Make a financial decision for an individual or group	3	Internal	L
90982 (1.7)	Demonstrate understanding of cash management for a small entity	4	Internal	L
Total number of credits available towards the Level 1 NCEA		21		

One of these standards may not be offered in 2014.

Year 12 Accounting Guideline(s):

A minimum of 14 out of the 21 available credits including (1.3).

Cost

\$45.00 for workbooks and a revision book \$20 (approximately).

All 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: 60%	External: 40%		
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	
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	
Total number of credits available towards the Level 1 NCEA		20			

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") have the opportunity to potentially generate a profit and may choose to keep it or donate a portion to a worthy cause.

Contact Person/s

Mrs Harduar
Mrs Rothbart

COMPUTER SCIENCE & PROGRAMMING (DIGITAL TECHNOLOGIES): Year 11 NCEA Levels 1 and 2

Guideline(s)/Minimum Entry

- Keyboarding skills
- Instructor approval (Ms V Mercer)

Course/Course Content

Objectives

- To develop the ability to analyse problems and design solutions using an algorithmic approach.
- To develop and enhance logical thinking, critical thinking and problem solving 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

- Using computer program development planning tools to design, create, test and evaluate computer programs to meet the specifications of a given brief.
- Problem solving, logical thinking and solution design utilising algorithmic techniques and test plans.
- 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	GT 91045 {1.2}	Use planning tools to guide the development of an outcome	4	Internal
1	GT 91047 {1.4}	Undertake development to make a prototype to address a brief	6	Internal
1	DT 91075 {1.45}	Construct an algorithmic structure for a basic task	3	Internal
1	DT 91076 {1.46}	Construct a basic computer program for a specified task	3	Internal
1	DT 91074 {1.44}	Demonstrate understanding of basic concepts from computer science	3	External
Level	Unit Standard	Description – Optional choice in place of A. S. 91074	Credits	Assessment
2	18740	Create a simple computer program	3	Internal
Total possible number of credits available towards Levels 1 and 2			19	

NOTE: DTG 91074, the **external** standard, is a **theory based report** and therefore may be made optional for the purpose of differentiated study as required based on student request and/or instructor decision. Students may choose (and/or instructor may decide) to enter U. S. 18740 (Level 2) in place of the external standard.

NOTE: Most of the NCEA standards are assessed as part of a project. Results are not available until the project has been submitted by the student, marked by the subject teacher and internally moderated. Therefore, some results are not able to be reported until the end of the year.

Cost

Students will be required to do a substantial amount of printing in the computer lab. Payment is made via the Accounts office. Amount will vary per student.

Contact Person

Ms Mercer

COMPUTING (DIGITAL TECHNOLOGIES): (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

None, although ICDL in year 10 would be beneficial.

Objectives

Students will

- Have opportunities to learn technical computing skills to produce projects.
- Use a combination of online and offline tools to plan projects effectively and efficiently.
- Use a combination of online and offline tools to create conceptual designs and develop knowledge of the design elements.
- Explain and justify how they used various tools and applications to develop their end-product.
- Use their creativity and initiative to produce end-products that interest them.

Content

- Designing and/or creating a Desktop Publishing Document (conceptual designs and design elements)
- Databases (use of planning tools).
- A presentation on the history and future of online privacy and security (characteristics of technological outcomes).
- The aspects and importance of online privacy and security (demonstrating knowledge of basic concepts of digital media).
- Understanding the importance of the design elements in different contexts (Demonstrate understanding of design elements).

ASSESSMENT

Internal 85 %

External 15 %

Level	Achievement Standard	Description	Credits	Assessment
1	AS91045 GT 1.2	Use planning tools to guide the technological development of an outcome to address a brief	4	Internal
1	AS91046 GT 1.3	Use design ideas to produce a conceptual design for an outcome to address a brief	6	Internal
1	AS91072 DTG 1.42	Demonstrate understanding of basic concepts of digital media	3	Internal
1	AS91052 GT 1.9	Demonstrate understanding of the ways a technological outcome, people, and social and physical environments interact	4	Internal
1	AS91053 GT 1.10	Demonstrate understanding of design elements	3	External
Total number of Credits available towards the NCEA Level 1 & 2			20	

Notes

- A single project may involve more than one achievement standard. Also note that due to the nature of the subject, students will be referring to the technological process throughout the course of the year.

NOTE: Most of the NCEA standards are assessed as part of a project. Results are not available until the project has been submitted by the student, marked by the subject teacher and internally moderated. Therefore, some results are not reported until the end of the year.

Cost

Students will be required to do a substantial amount of printing in the computer lab. Payment is made via the Accounts office. Amount will vary per student.

Contact person

Mr. Hayden So

DANCE (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

It is advised, but not necessary, for students to have taken junior Dance.

Course/Course Content

Dance at year 11 is a Level 1 NCEA subject and students study a full 20 credit course (16 internal credits and 4 external credits). Students develop skills in choreography, performance and the understanding of dance history and purpose. They will work individually, and in groups, to develop pieces for assessed performance and will be able to critically evaluate the purpose and effectiveness of both their own work, and the work of others.

Objectives

Students will:

- Select and use appropriate elements, techniques and choreographic processes across different Dance genres.
- Initiate and develop ideas individually and collectively in selected Dance genres
- Perform and respond to Dance, making critical judgements about the use of elements, techniques, and choreographic processes to create form and meaning across genres.
- Investigate the genres and purposes of Dance in different historical and contemporary settings, both in New Zealand and internationally.
- Reflect upon the ways in which Dance can be used to communicate meaning

Content

Students will:

- Use elements and techniques to choreograph and perform a Dance piece.
- Create a choreography based on parameters set by the teacher.
- Demonstrate understanding of the unique features of group Dances.
- Demonstrate knowledge and understanding of Dance genres and performances

Assessment

Internal: 75%

External: 25%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90858	Compose dance sequences for given briefs	6	Internal	-
90002	Perform dance sequences	6	Internal	-
90859	Demonstrate ensemble skills in a dance	4	Internal	-
90005	Demonstrate knowledge of a dance genre or style	4	External	L
Total number of credits available towards the Level 1 NCEA		20		

The Internal Standards may require more than one assessment task each

Year 12 Dance Guideline(s):

12 Credits in Level 1 Dance or, in exceptional circumstances, TIC approval constitute the minimum entry level requirement for Level 2 Dance.

Cost

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

Contact Person

Lydia Rasmussen

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
Total number of credits available towards the Level 1 NCEA		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 not required to have studied Junior Drama. Students are 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 22 credit course. Students develop 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 drama techniques and take part in a group performance.
- Use elements and conventions to devise and perform a drama based on short stories.
- Demonstrate understanding of the features of melodrama through a practical presentation.
- Perform an acting role in a scripted production.
- Demonstrate understanding of the use of drama aspects within live performance

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
90997	Devise and perform a drama.	5	Internal	L
90999	Demonstrate understanding of the features of a drama/theatre form.	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)s:

12 Credits in Level 1 Drama or, in exceptional circumstances, HOD approval constitute the minimum entry level requirement for Level 2 Drama.

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: 40%

External: 60%

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 90988 (1.6)	Demonstrate understanding of the interdependence of sectors of the New Zealand Economy	3	Internal	L
Total number of credits available towards the Level 1 NCEA		20		

Year 12 Economics Guideline(s)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).

\$27 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, Mrs Harduar

ELECTRONICS (Year 11)

NCEA Level 1

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 year 11 Electronics students will gain the Electronics Certificate of Attainment 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.
- The ability to efficiently select and use the electronic components
- Simulate the circuit using Diptrace software and make Printed Circuit Boards (PCB) using 3D Plotters
- 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 simple line follower robots, greenhouse controller
- Basic integrated circuit programming skills using PICAXE 14M2

Assessment

Level	Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
1	AS 91044(1.1)	Undertake brief development to address a need or opportunity	4	Internal	
1	AS 91047(1.4)	Undertake development to make a prototype to address a brief	6	Internal	
1	AS 91077(1.47)	Demonstrate understanding of basic concepts used in the design and construction of electronic environments	3	Internal	
1	AS 91079(1.49)	Implement basic techniques in constructing a specified electronic and embedded system	3	Internal	
1	AS 91050(1.7)	Demonstrate understanding of the role of subsystems in technological systems	4	External	
Total number of Credits available towards the NCEA Level 1			20		

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
Total number of credits available towards the Level 1 NCEA		21		

Note: The Wide Reading Achievement standard 90854 and 90855 Create a Visual text may be attempted during Year 10 and will be credited to successful students in 2014.

Level 2 English Guideline(s):

Success in five achievement standards, which should include 2 reading and 2 writing related standards and at least one externally assessed standard, 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
Total number of credits available towards the Level 1 NCEA				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 HOSPITALITY (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: 100%

Achievement Standard	Description	Credits	Assessment
91082 (Tech 1.60)	Implement Basic procedures to process a specified product	4	Internal
Unit Standard	Description	Credits	Assessment
21058	Identify career paths in the Hospitality industry	2	Internal
21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	2	Internal
15901	Prepare and present fruit and vegetables in the hospitality industry	3	Internal
15900	Prepare and present meat in the hospitality industry	4	Internal
19770	Prepare and present egg and cheese dishes in the hospitality industry	2	Internal
21057	Prepare, construct and garnish mocktails for the hospitality industry	2	Internal
Total number of credits available towards the Level 1 NCEA		19	

Costs

\$80 Consumable food fee.

Students get to cook and consume the food items prepared.

Contact Person/s

Mrs Foxall, Mrs Henvest

FRENCH (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 working towards the grades of the two internal NCEA assessments. They also have regular testing of topics.

Internal: 47%

External 53%

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 \$25 which the students keep. Online vocabulary learning \$20.

***Please note that in 2014, in keeping with school policy, one internal assessment will not be offered.**

This will be AS90880 Interaction

Contact Person

Mrs Harris

GERMAN (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 working towards the grades of two internal assessments. They also have regular testing of topics.

Internal: 47%

External: 53%

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 keep \$25.00 (includes all vocabulary and grammar).

Online vocabulary learning \$20

***Please note: In 2014, in keeping with school policy, one internal standard will not be offered.**

This will be AS90885 Interaction

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 and Hurricanes
- Population Studies - New Zealand and Monsoon Asia Population
- Special Studies
 - Global issue
 - Contemporary Geographic Issue (includes a field trip)
 - 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 Willingale, Ms Tomlinson

HEALTH (Year 11)

NCEA Level 1

Year 11 Health will path way onto Year 12 Health and Year 13 Health in subsequent years.

Guideline(s)/Minimum Entry

- Effort grades for Year 10 Health reports must be consistently good.
- Students must have shown a positive attitude towards Health during Years 9 and 10.
- Discretion of Teacher in charge.

Course/Course Content

Objectives

- Investigate and understand reasons for the choices people make that affect their well-being and explore and evaluate options and consequences
- Plan strategies and demonstrate interpersonal skills to respond to challenging situations
- Analyse societal influences that shape community health goals and physical activity patterns
- Demonstrate an understanding of how individuals and groups affect relationships by influencing people's behaviour, beliefs, decisions, and sense of self-worth
- Demonstrate understanding of responsible behaviours required to ensure that challenges and risks are managed safely in physical and social environments
- Demonstrate an understanding of factors that contribute to personal identity and celebrate individuality and affirm diversity
- Plan and evaluate strategies recognising their own and other people's rights and responsibilities to avoid or minimise risks in social situations

Content

- Explore the four dimensions of well-being both personally and in groups
- Explore the feelings of self, others and society
- Explore strategies (personal, inter-personal and societal) for managing changing states of health
- Set goals to enhance an aspect of personal well-being.
- Explore strategies for managing success and failure
- Explore inter-personal skills that help to enhance relationships
- Listening skills and assertiveness skills through role plays
- Qualities of a friendship, strategies used to maintain friendships, managing changing friendships
- problem solving in relationship issues
- Explore sexuality as a concept (gender, orientation, identity, behaviour) and link to well-being
- Explore factors that influence sexuality
- Discuss strategies for maintaining and enhancing well-being in sexuality related situations (safer sex)
- Explore ways to prevent STI's
- Explore support available for young people with sexuality issues
- Explore drugs and their effects on well-being
- Explore legal issues related to drugs
- Explore personal, interpersonal and societal influences on an individual's drug use
- Explore the effect advertising has on drug use
- Applying a decision-making model to drug related situations

Assessment

Achievement Standard	Description	Credits	Assessment Mode	Counts for Level 1 Literacy (L), Numeracy (N)
AS 90971 (1.1)	Take action to enhance an aspect of personal well-being	3	Internal	L
AS 91097 (1.3)	Demonstrate understanding of ways in which well-being can change and strategies to support well-being	4	Internal	L
AS 90973 (1.4)	Demonstrate understanding of interpersonal skills used to enhance relationships	5	Internal	L
AS 90974 (1.5)	Demonstrate understanding of strategies for promoting positive sexuality	4	Internal	L
AS 90975 (1.6)	Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	4	External	L
Total number of credits available towards the Level 1 NCEA		20		

Year 12 Health Guideline(s):

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

Cost \$50 Activity Fee

Contact Person Mr R Thompson

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		24		

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 Hurndell

MATHEMATICS Specialist (Year 11 MAS)

NCEA Level 1

Guideline(s)/Minimum Entry

Completed ALP course or similar in Y10 and achieved very well in end of year exams. 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: 20%

External: 80%

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(Ext)	N
91028 (1.3)	Investigate relationships between tables, equations or graphs	4	External	N
91031 (1.6)	Apply geometric reasoning	4	External	N
91037 (1.12)	Demonstrate understanding of chance and data	4	External	N
Total number of credits available towards the Level 1 NCEA		20		

Year 12 Mathematics Minimum Entry Guideline(s)s:

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

12 MAT (Maths and Statistics) – A minimum of 14 Level 1 credits.

Cost

Approximately \$33 Year 11 Workbooks and a \$10 Revision book. Other revision material available are study passes which costs about \$12. All of these are retained by the students.

Equipment Required

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

Contact Person

Co-Faculty Leaders – Mr Schollum or Mr McBride.

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: 58%

External: 42%

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 (for selected students only)	(4)	External	N
Total number of Credits available towards the Level 1 NCEA		19 (23)		

Year 12 Mathematics Minimum Entry Guideline(s)s:

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

12 MAT(Maths and Statistics) –A minimum of 14 Level 1 credits

Cost

Approximately \$33 Year 11 Work books and a \$10 Revision book. Other revision material available are study passes which costs about \$12. All of these are retained by the students.

Equipment Required

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

Contact Person

Co-Faculty Leaders – Mr Schollum and Mr McBride

MATHEMATICS APPLIED (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: 80%

External: 20%

Level	Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
1	91026 (1.1)	Apply numeric reasoning when solving problems	4	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	91035 (1.10)	Investigate a given multivariate data set using the statistical enquiry cycle	4	Internal	N
		<i>Counts for Literacy as well</i>			L
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	91037 (1.12)	Demonstrate understanding of chance and data (for selected students only)	(4)	(External)	(N)
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			20 (24)		

Some selected students will work towards the following Unit Standards as well concurrently

1	26623 (US)	Use number to solve problems	4	Internal	
1	26266 (US)	Interpret statistical information for a purpose	3	Internal	
1	26627 (US)	Use measurement to solve problems	3	Internal	

Year 12 Mathematics Minimum Entry Guideline(s):

12 MAT (Maths Level 2) – A minimum of 14 Level 1 credits

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

Cost

Approximately \$30 for work booklets which students keep.

Contact Person

Co-Faculty Leaders – Mr Schollum and Mr McBride

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
- 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
1.4	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	
1.8 (90996)	Write media texts for a specific target audience	3	Internal	L
Total number of credits available towards Level 1 NCEA		19		

Contact Person/s

Mr M Ifrim

MUSIC (Year 11)

NCEA Level 1

Guideline(s)/Minimum Entry

Approval by FL

Course/Course Content

Objectives

To reflect and respond to the interests and needs of music students.

A practically-based course with an emphasis on Performance and Composition, but covering a broad range of musical knowledge and skills including Music Technology for Contemporary Music Students:

Specifically:

- developing practical knowledge in music.
- composing music.
- solo and group performance.
- understanding music in context.

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.
- Studying 2 music works – contemporary and classical.
- Contemporary Music Technology.

Assessment

Standards marked (C) are also available to students who are following a Contemporary Music Course who do not read music and have limited understanding of music theory.

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
AS91090 (C)	Perform two pieces of music as a featured soloist	6	Internal	
AS91091 (C)	Demonstrate ensemble skills through performing a piece of music as a member of a group	4	Internal	
AS91092 (C)	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
AS91095	Demonstrate knowledge of two music works from contrasting contexts	6	Internal	
US 26685	Demonstrate and apply knowledge of sound technology for a performance context	4	Internal	
Total number of credits available towards the Level 1 NCEA		24 minimum		

Students can select from the standards above with the guidance of Faculty Manager.
In most cases students will complete a course of 20 credits.

Year 12 Music Guideline(s):

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

Cost

Resource materials / CD's \$10, Tuition (if required) \$75, APO Concert \$15

Contact Person

Mrs Myhre

BUILDING, CONSTRUCTION AND ALLIED TRADES SKILLS (BCATS) Level One NCEA Level 1

Guideline(s)/Minimum Entry

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

BConstructive is a hands-on subject. 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. It also develops literacy, numeracy and communication skills and has close links with the NCEA and Technology curriculums.

Course Content

- The safe and correct use of hand tools to produce a range of projects
- Reading and interpreting plans and working models for the construction of various projects
- The construction of garden furniture and basic construction equipment using a range of joining methods
- Workshop safety
- Timber, fastenings and adhesives

Assessment Internal 100%

Level	Unit Standard	Description	Credits	Assessment
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	25920	Use joints for a BCATS project	3	Internal
	Achievement Standard 1.20 AS 91057	Implement basic procedures using resistant materials to make a specified product.	6	Internal
Total number of credits available towards the Level 1 NCEA			19	

Cost

\$65 for the cost of materials used to produce project work which the students keep.

Contact Person

Mr Pavarno

PHYSICAL EDUCATION SPECIALIST (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 Exercise Physiology
- Wide Range of Physical Activities

Assessment

Internal 100%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
90962 (1.1)	Participate actively in a variety of physical activities and explain factors that influence participation.	5	Internal	
90963 (1.2)	Describe the function of the body as it relates to the performance of physical activity.	5	Internal	L
90964 (1.3)	Demonstrate quality of movement in the performance of a physical activity.	3	Internal	
90965 (1.4)	Demonstrate understanding of societal influences on physical and the implications for self and others.	4	Internal	L
90968 (1.7)	Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities.	3	Internal	
Total number of credits available towards the Level 1 NCEA		20		

Year 12 Physical Education Guideline(s):

A merit grade or higher in three of the assessed Level 1 Achievement Standards.

An achieved grade or higher in AS 90963 (1.2)

Discretion of Teacher in charge

Cost

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

\$300.00 Camp Fee (approximately).

Contact Person

Mr A Salmon

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.
- 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%

Achievement Standards/ U.S	Description	Credits	Assessment
90067 (1.1)	Participate actively in a variety of physical activities and explain factors that influence own participation/well-being.	5	Internal
90964 (1.3)	Demonstrate quality movement in the performance of a physical activity.	3	Internal
90967 1.6	Demonstrate strategies to improve performance of a physical activity and describe the outcomes.	3	Internal
90968 (1.7)	Demonstrate and show understanding of responsible behaviour for safety during outdoor education activities.	3	Internal
90966 (1.5)	Demonstrate interpersonal skills and describe their effects on the functioning of a group or team.	4	Internal
Total number of credits available towards the Level 1 NCEA		18	

Year 12 Outdoor Education and 12 Physical Education Guideline(s):

An achieved grade in three of the assessed Level 1 Achievement Standards

Discretion of Teacher in charge

Full commitment towards the year 11 Physical Education programme

Cost

\$50.00 Activity Fee for trips and excursions (including student workbooks which they keep).
\$300.00 Camp Fee (approximate)

Contact Person

Mr D Storrie

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)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
 - * Mechanics
 - * Micro-organisms
 - * Carbon Chemistry
 - * Electricity and Magnetism

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)	Demonstrate understanding of biological ideas relating to 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 Guidelines

At least 12 credits at Level 1 NCEA Science

Attain at least an achieved grade in the Achievement Standard 90948 Demonstrate understanding of biological ideas relating to genetic variation AND Achieve all numeracy and literacy requirements in Level 1

Approval may also be given by the Faculty Manager

Year 12 Chemistry Guidelines

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 Guidelines

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 \$50.00.

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 NCEA Level 1 Achievement Standards. Students obtain recognition through these standards.

Content

- Metals
- Earth Science
- Microbiology
- Heat Energy

Assessment – Internally assessed (100%)

Level	Unit Standard	Description	Credits
1	90943 S1.4	Investigate the implication of heat in everyday life.	4
1	90946 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
Total number of credits available towards the Level 1 NCEA			16

Cost:

No cost

Contact Person/s

Mr McKie, Mrs Singh

TECHNOLOGY (Soft Materials) (Year 11)

NCEA Level 1

Course/Course Content

This course is for you if you like designing, creating and researching products, along with an interest in fashion, textiles and careers associated with the fashion world e.g. Fashion designer, textile designer, pattern cutter, fashion journalist, etc. It is a University Approved subject that offers a full Achievement Standard based curriculum where you can gain Merit or Excellence course endorsements. You can link it with other subjects like Business Studies to design and make products to sell or Science to look at fabric composition, structure, development and use.

Objectives

- To develop skills 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

- Sewing and Embroidery Machine skills and competency
- Fashion and Product Drawing - from concept ideas to finished product
- Technology projects – Fashion Garments, Products and Fashion Accessories.
- Using commercial patterns or your own design to construct garment/s of own choice.
- Fashion designers and their influences on garment and product designs.
- Adjust patterns for personal fit
- Textile material analysis

Assessment

Internal: 80% External 20%

Level	Achievement Standard	Description	Credits	Assessment
1	91058 (Tech AS 1.21)	Implement basic procedure using textiles when constructing a specified product.	6	Internal
1	91046 (Tech AS 1.3)	Demonstrate the use of design ideas to develop a conceptual design to address a brief.	6	Internal
1	91060 (Tech AS 1.23)	Demonstrate understanding of basic concepts used to make products from textile materials	4	Internal
1	91049 (Tech AS 1.6)	Demonstrate understanding of how materials enable technological product(s) to function	4	External
Total number of credits available towards the Level 1 NCEA			20	

Year 12 Soft Material Technology minimum requirements/guidelines:

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 – Art/Painting (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 Painting **or** Photography but **NOT** both. In Year 12 students may study both Painting and Photography but should not swap from Year 11 painting to Year 12 photography or Year 11 photography to Year 12 painting as skills taught in Year 11 are vital for success at year 12.

Course/Course Content

A course in painting develops observational and creative skills in drawing, painting mixed media and printmaking using a theme inspired by the Auckland city.

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 International established practitioners.

Content

- 1.2 – A related series of drawing and painting from direct observation.
- 1.3 – Drawing, painting, mixed media, and printmaking. Students work in visual diaries and refine their work in a series of related final pieces.
- 1.4 (2 folio boards) – A series of art works developed from the internally assessed assignments and informed by established practice.

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
Total number of credits available towards the Level 1 NCEA		22	

Year 12 Painting Guideline(s):

Achieved or higher in Year 11 Painting 1.2, 1.3, 1.4, 1.5

Cost

Materials fee \$50.00 (this includes art materials/visual diary starter pack).

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

Students keep all items at the end of the course

Contact Person/s

Mrs H Cooper

VISUAL ART- 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 Painting **or** Photography but **NOT** both. In Year 12 students may study both Painting and Photography but should not swap from Year 11 painting to Year 12 photography or Year 11 photography to Year 12 painting as skills taught in Year 11 are vital for success at year 12.

Course/Course Content

Objectives:

A course in photography which develops photographic skills combined with drawing and the use of mixed media using a theme inspired by the Auckland 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 International established practitioners.

Content

- 1.2 - Drawing and painting from direct observation.
- 1.3 - Drawing, painting and mixed media, and photographic transfers to create both visual diary and a series of final outcomes.
- 1.4 - (2 folio boards) – A series of art works developed from the internally assessed assignments and informed by established practice.

Assessment

Achievement Standard	Description	Credits	Assessment
90914 (1.2)	Use drawing methods for recording information using wet and dry media	4	Internal
90915 (1.3)	Use drawing conventions to develop work in more than one field of practice	6	Internal
90916 (1.4)	Produce a body of work informed by established practice, which develops ideas, using a range of media.	12	External
Total number of credits available towards the Level 1 NCEA		22	

Cost

Year 11 Photography: photographic paper as needed approx. \$5.00, printing money \$2.00 materials pack \$30.00, two class trips approx. \$10 each. It is preferable that students taking Year 11 Photography have access to a camera at home although there are a small number of cameras which can be borrowed from the college.

Yr 12 Visual Art Photography guideline(s)

Achieved or higher in 1.2, 1.3, and 1.4 Year 11 Photography

Contact Person

Ms Bell

Course Structure for Year 12 Students - NCEA

The national qualification for students in Year 12 is Level 2 of the National Certificate of Educational Achievement (NCEA).

In Year 12, students take 6 subjects, comprising English (or English as a Second Language) and 5 selected subjects.

When selecting courses for Year 12, students should look ahead to Year 13 and beyond taking into account their long term career aspirations. Like Level 1 subjects, Level 2 subjects also have a combination of both internally and externally assessed Achievement Standards.

The following link shows other Level 2 standards across a variety of subjects that contribute credits to the University Entrance Literacy requirements: <http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/literacy-requirements-for-university-entrance-from-2014/>

Year 12 Subjects Qualification: Level 2 NCEA

English (12ENG)
English Literacy (12ENL)
Media Studies (12MES)
Esol (12 ESOL)
Specialist Mathematics (12MAS)
Mathematics (12MAT)
Accounting (12ACC)
Biology (12BIO)
Chemistry (12CHE)
Physics (12PHY)
Geography (12GEO)
History (12HIS)
Classical Studies (12CLA)
Economics (12ECO)
Business Studies (12BUS)
Early Childhood Education (12ECE)
Physical Education (12PHE)
Outdoor Education (12OED)

Digital Technology Computing (12DTC)
Digital Technology Electronics (12DTE)
Hospitality (12HOS)
Visual Communication (Graphics) (12DVC)
Building Construction & Allied Trade Skills (12BCT)
Design Technology – Fabric (12DEF)
Drama (12DRA)
Music (12MUS)
Art – Painting (12PAI)
Art History (12ARH)
Photography (12PHO)
French (12FRE)
German (12GER)
Gateway to Employment (12GEM)
New Zealand Tourism (12NZT)
Retailing (12RET)

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 90978 (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: 35%

External: 65%

Achievement Standard	Description	Credits	Assessment	Counts for Level 1 Literacy (L), Numeracy (N)
91174 (2.1)	Demonstrate understanding of Accounting concepts for a sole proprietor that operates Accounting subsystems	4	External	N
91175 (2.2)	Demonstrate understanding of Accounting processing using Accounting software	4	Internal	N
91176 (2.3)	Prepare financial information for an entity that operates Accounting subsystems	5	External	N
91177 (2.4)	Interpret Accounting information for entities that operate Accounting subsystems	4	External	L & N
91386 (2.7)	Demonstrate understanding of an inventory subsystem for an entity	3	Internal	L & N
Total number of credits available towards the Level 2 NCEA		20		

Year 13 Accounting Guideline(s)(s):

A minimum of 15 credits out of the 20 credits available must include AS91176 (2.3)

Cost

Workbook \$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

Achieved grades 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 is entitled 'Towards Modernism' and involves the study of nineteenth and early twentieth century Art, sculpture and architecture. The artists, style and historical background of the following periods are covered:

- Neoclassicism
- Romanticism
- Realism
- Impressionism
- Post Impressionism
- Art Nouveau

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.

Assessment	Internal 40%	External 60%	
Achievement Standard	Description	Credits	Assessment
2.1/91180	Examine the effects of formal elements of art works	4	External
2.2/91181	Examine the meanings conveyed by art works	4	External
2.3/91182	Examine the influence of context(s) on art works	4	External
2.5/91184	Communicate an understanding of an art history topic	4	Internal
2.6/91185	Communicate a personal response to art works	4	Internal
Total number of credits available towards the Level 2 NCEA		20	

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

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

Cost

\$70 to cover two study guides which students retain.

Contact Person

Mrs Cooper

BIOLOGY (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

At least 12 credits in NCEA Science level 1, including at least achievement in Achievement Standard 90948 Demonstrate understanding of biological ideas relating to genetic variation, 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 40%

External 60%

Achievement Standard	Description	Credits	Assessment
91153 (2.1)	Carry out a practical investigation in a biology context, with supervision	4	Internal
91156 (2.4)	Demonstrate understanding of life processes at the cellular level	4	External
91157 (2.5)	Demonstrate understanding of genetic variation and change	4	External
91158 (2.6)	Investigate a pattern in an ecological community	4	Internal
91159 (2.7)	Demonstrate understanding of gene expression	4	External
Total number of credits available towards the Level 2 NCEA		20	

Year 13 Biology Guideline(s):

A minimum of 12 credits attained, including AS 91157 (2.3 – Describe genetic variation and change) and at least ONE of the Internals (2.1 or 2.6)

Cost

Field trip \$20 (approximately).

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

Contact Person/s

Ms Jan, Dr Nafissi, Ms Kockott, Mrs Kokohu

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
- Investigate the application of motivation theory in a 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
- Motivation Theory and Practise in a Business
- Market Research
- Market Day Activity

Assessment

Internal: 60%

External: 40%

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
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 2 NCEA		20		

Cost

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

Student Teams ("Companies") have the opportunity to generate an income and may choose to keep potential profits or donate a portion to a worthy cause.

Contact Person/s

Mrs Harduar, Mrs Rothbart

BUILDING CONSTRUCTION AND ALLIED TRADE SKILLS (BCATS)

NCEA Level 2

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: carpentry, construction, plumbing, drain laying, roofing, gas fitting, painting and decorating, infrastructure, flooring, joinery and furniture making. 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.

Content

BConstructive is a hands-on subject. 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 safe and correct use of hand tools to produce a range of projects
- Reading and interpreting plans and working models for the construction of various projects
- The construction of garden furniture and basic construction equipment using a range of joining methods
- Workshop safety
- Timber, fastenings and adhesives

Assessment

Internal 100%

Level	Unit Standard	Description	Credits	Assessment
2	24354	Demonstrate knowledge of and apply safe working practices in a BCATS workplace.	4	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	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 the Level 2 NCEA			28	

Cost

\$85 for the cost of materials used to produce project work which the students keep.

Contact Person

Mr Pavarno

CHEMISTRY (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

At least 12 credits in NCEA level 1 science subjects including achievement or better in one of the externally assessed Level 1 Chemistry achievement standards, AS 90932 and AS 90944, 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

- Quantitative Chemistry
- Atomic structure, bonding and related properties
- Chemical Reactions
- Organic Chemistry

Assessment: Internal 35%, External 65%

Achievement Standard	Description	Credits	Assessment
C2.1 (AS 91161)	Carry out quantitative analysis	4	Internal
C2.4 (AS 91164)	Demonstrate understanding of bonding, structure, properties and energy changes	5	External
C2.5 (AS 91165)	Demonstrate understanding of the properties of selected organic compounds	4	External
C2.6 (AS 91166)	Demonstrate understanding of chemical reactivity	4	External
C2.7 (AS 91167)	Demonstrate understanding of oxidation - reduction	3	Internal
Total number of credits available towards the Level 2 NCEA		20	

Year 13 Chemistry Guideline(s)(s):

A minimum of 15 credits attained. At least 3 of these must come from 2.1 and 2.7 (internal AS).

Cost

Approximately \$40.00 for NCEA Level 2 Chemistry workbooks (internal and external). These are retained by the students.

Australian Chemistry Quiz entry fee approximately \$7.00.

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

- Students will study core Greek ideas, e.g. social groups, the roles of men and women, religion and mythology, government and the development of democracy. While not directly assessed in one standard, these ideas are necessary to understand the Greek world and apply to all assessed standards.
- For the external standards, it is likely that students will be studying "Ideas, Values and Literature" (Sophocles' King Oedipus and Antigone), "Art and Aesthetics" (architecture and sculpture of fifth century Athens), and Athens in the fifth century BC (social and political history). These topics will be used for the external standards, and will be useful for the internally assessed standards.
- Internal assessment topics will include the analysis of a significant event, e.g. the political reforms of Cleisthenes, and the influence of the classical world on other cultures, e.g. analysing the influence of Greek architecture on modern buildings or comparing an ancient text and a modern interpretation. *Internal assessment topics may 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
91200	Examine ideas and values of the classical world	4	External
91201	Examine the significance of features of work(s) of art in the classical world	4	External
91202	Examine a significant event in the classical world	4	Internal
91203	Demonstrate understanding of socio-political life in the classical world	6	External
91204	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 be aware that one of these standards may not be offered in 2014 after a review of the current programme, and this may reduce the number of credits on offer.***

Year 13 Classical Studies Guideline(s):

At least 3 achievement standards in NCEA Level 2 English or History, or Head of Faculty permission

At least 14 credits in Level 2 Classical Studies, or Head of Faculty permission.

Contact Person

Mrs Champness or Ms Gibb

COMPUTING (DIGITAL TECHNOLOGIES) Year 12

Introduction to Website Development

NCEA Level 2

Guideline(s)/Minimum Entry

- Basic keyboarding and the ability to use common software applications (e.g. word processing)
- Successful completion of Year 11 Programming or 11 Computing would be advised.

Course/Course Content

NOTE: Digital Technologies and Technology are both university approved subjects.

The content of this course is delivered with the goal of achieving a combination of NCEA Technology (Generic and Digital Technologies) Achievement Standards.

Objectives

- To further develop skills related to digital technologies practice
- To gain digital technologies knowledge
- To develop a deeper understanding of the nature of digital technologies
- To further develop the skills required for planning, designing, creating, developing, testing and evaluating a digital media outcome (website)

Content

- The Website Development Cycle
- Website Design Principles
- HTML and CSS coding
- Plan, design, create, develop, test and evaluate a website utilising a simple text editor (Notepad ++)
- Enhancing a website with multimedia content
- Development and evaluation of websites

Assessment

Internal 100%

Level	Achievement Standard	Description	Credits	Assessment
2	GT 91354 (2.1)	Undertake brief development to address an issue	4	Internal
2	GT 91355 (2.2)	Select and use planning tools to manage the development of an outcome	4	Internal
2	GT 91356 (2.3)	Develop a conceptual design for an outcome	6	Internal
2	DT 91370 (2.43)	Implement advanced procedures to produce a specified digital media outcome	4	Internal
Total number of credits available towards Level 2 NCEA			18	

NOTE: All of the NCEA standards are assessed as part of a project. Results are not available until all elements of the project work have been submitted by the student, marked by the subject teacher and internally moderated. Therefore, most results are not reported until the end of the year.

Cost

Students will be required to do a substantial amount of printing in the computer lab. Payment is made via the Accounts office. Amount will vary per student.

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/Container House
- Product design brief – Chair 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 91337 (2.30)	Communicate design ideas using visual communication techniques	3	External
AS 91338 (2.31)	Use working drawings to communicate technical details of a design	3	External
AS 91339 (2.32)	Produce instrumental perspective projection drawings to communicate design ideas	4	External
AS 91340 (2.33)	Use the characteristics of a design movement or era to inform own design ideas	3	External
AS 91341 (2.34)	Develop a spatial design through graphics practice	6	Internal
AS 91342 (2.35)	Develop a product design through graphics practice	6	Internal
AS 91339 (2.36)	Use visual communication techniques to present own design	4	Internal
Total number of credits available towards the Level 2 NCEA		29	

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

Entry to Level 2 Drama will require students have 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 specific forms of theatre, character back ground in terms of culture, period etc 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 using specific texts.
- 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 a drama based ideas and themes from local myths.
- research the features of Brechtian Theatre and demonstrate these in a performance.
- select, rehearse and perform a role in a major production.
- discuss drama elements, technologies, techniques, and conventions within a live performance.

Assessment

Internal 77%

External 23%

Achievement Standard	Description	Credits	Assessment
91214	Devise and perform a drama to realise an intention.	5	Internal
91215	Discuss a drama or theatre form or period with reference to a text. (or 91216)	4	External
91216	Perform features of a complex drama or theatre form or period. (or 91215)	4	Internal
91217	Examine the work of a playwright. (optional extra)	4	Internal
91218	Perform a substantial acting role in a scripted production.	5	Internal
90304	Discuss drama elements, techniques, conventions and technologies within a production.	4	External
91221	Direct a scene for drama performance. (optional extra)	4	Internal
Total number of credits available towards the Level 2 NCEA		18- 30	

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 Year 13 Drama.

Cost

Students will be required to fund attendance to at least two performances throughout the year and a minimum of one show at school with a workshop.
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

- 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 developmental status of children
- 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 in early childhood	3
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	Nutrition in an Early Childhood Service	4
2	26715	Describe professional image and demonstrate professional behaviour	3
Total number of credits available towards the Levels 2&3 NCEA			23

Costs

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

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

Contact Person

Mrs Henvest

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 four major economic issues:

- Growth
- Trade
- Inflation
- EE Employment

Assessment

Internal 45%

External 55%

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
2.6	Analyse how government policy and contemporary economic issues interact	6	Internal
Total number of credits available towards the Level 2 NCEA		22	

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).

\$28 Workbook – Understanding Economic Issues – NCEA Level 2 – Dan Rennie / Economics Learning Workbook – Level 2 – Alastair Blyth

Students retain this workbook.

Contact Person/s

Mrs Rothbart

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

- Advanced knowledge about microprocessors Picaxe 14M2, Picaxe 18M2 and Picaxe software
- The knowledge of the input, control, communication and output devices that contain different electronic components to make a Sumobot (RF module and Autonomous)
- The ability to efficiently design the interface for printed circuit board using Diptrace
- Design skills to construct the interface of the end product so that they can participate in a Robotics Competition
- Technological practice and process

Content

- Printed circuit board construction skills using Eagle software and transfer process using etching
- Integrated circuit programming skills using PICAXE 14M2
- Understand how electronic components work and develop the technological knowledge and processes and practice in building electronic circuits for projects such as Sumobots (Servo motors , Rf module, Ultrasonic sensors and Joysticks)

Assessment

100% Internally Assessed

Level	Achievement Standard	Description	Credits	Assessment
2	AS 91357(2.4)	Undertake effective development to make and trial a prototype	6	Internal
2	AS 91374(2.47)	Demonstrate understanding of advanced concepts used in the construction of electronic environment	3	Internal
2	AS 91375(2.48)	Implement advanced interfacing procedures in a specified electronic system	3	Internal
2	AS 91376(2.49)	Implement advanced techniques in constructing a specified advanced electronic and embedded system	3	Internal
2	AS 91360(2.7)	Demonstrate understanding of redundancy and reliability in technological systems	4	External
Total number of credits available towards the NCEA Level 2			19	

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

Success in FIVE NCEA Level 1 achievement standards, including at least one external standard or HOD approval.

Course/Course Content

Objectives

- Students will 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 will make connections by analysing ideas in novels, plays, poetry, short stories and films and be able to respond to these critically and creatively

Content

- Text studies (Written and Visual)
- Close reading of unfamiliar texts for meaning & stylistic features
- Writing portfolio
- Exploration of 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) 91098	Analyse specified aspect(s) of studied written text(s), supported by evidence			4	External
(2.2) 91099	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence			4	External
(2.3) 91100	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence			4	External
(2.4) 91101	Produce a selection of crafted and controlled writing			6	Internal
(2.7) 91104	Analyse significant connections across texts, supported by evidence			4	Internal
<i>Total number of credits available towards Level 2 NCEA</i>				22	

Please note:

Students entering the Speech Competition will be eligible for AS 91102.

Year 13 English Guideline(s):

12 credits at Level 2

Contact Person/s

Mrs Wood

ENGLISH LITERACY (Year 12)

Level 1 & 2 credits available depending on language skills & 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 and further level 1 or 2 credits.
- To provide students with an alternative English pathway in language, literature & communication skills in a smaller group & 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 & Creative writing e.g. Trip/Sport report, Magazine article, Literary essay, Film Review, Short Story
- Wide Reading.
- Public Speaking, Oral text production
- Visual Text analysis & response.

Assessment *Internal 100%*

Level	Unit Standard	Description	Credits
1	90052	Produce Creative Writing	3
	90053	Produce formal writing	3
2	91101	Writing Portfolio (Best 2 pieces) Produce a selection of crafted and controlled writing	6
1	90852	Explain significant connection(s) across texts, using supporting evidence	4
2	91104	Analyse significant connections across texts, supported by evidence	4
1	90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	3
2	91107	Analyse aspects of visual and oral texts through close viewing and/or listening, supported by evidence	3
1	90854	Form personal responses to independently read texts, supported by evidence	4
2	91106	Form Developed personal response to independently read texts supported by evidence	4
1	90857	Construct and deliver an oral text	3
2	91102	Construct and deliver a crafted and controlled oral text	3
Total number of credits available towards level 1 or 2 English (Depending on course completion)			20

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.
- A regular homework programme with weekly testing is followed.

Assessment

Internal and External

Students are assessed both internally and externally in Level 1 English Achievement Standards. Students who have already achieved Level 1 Standards will be entered into level 2 Internal Standards and will also do two Level 1 External Standards.

Type	Level	Achievement Standard	Description	Credits	Assessment
English	1	90052	Produce creative writing	3	Internal
English	1	90053	Produce formal writing	3	Internal
English	1	90849	Show understanding of specified aspect(s) of studied written text(s), using supportive evidence	4	External
English	1	90850	Show understanding of specified aspect(s) of studied visual or oral text(s), using supportive evidence	4	External
English	1	90854	Form personal responses to independently read texts supported by evidence	4	Internal
English	1	90855	Create a visual text	3	Internal
Total number of credits available towards the Level 2 NCEA				21	

**Course subject to changes.*

Contact Person

Ms Walker

FRENCH (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 further 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 testing working towards the two NCEA internal assessments, as well as regular testing of topics.

<i>Internal 50%</i>		<i>External 50%</i>	
Achievement Standard	Description	Credits	Assessment
91118	Demonstrate understanding of a variety of spoken French texts on familiar matters	5	External
91120	Give a spoken presentation in French that communicates information, ideas, opinions	4	Internal
91119	Interact using spoken French to share and justify information, ideas and opinions in different situations	5	Internal
91121	Demonstrate understanding of a variety of written/visual French texts on familiar matters	5	External
91122	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: In 2014, in keeping with school policy, one internal standard will not be offered.
This will be AS91120, Speech**

Cost

Vocabulary and sentence practice Book \$25. Students keep this book. Online vocabulary learning \$20.

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
10781 (L2)	Produce a plan for own future direction	2	Internal
12383 (L2)	Explore career options relevant to an area of learning	2	Internal
4253 (L2)	Demonstrate knowledge of job search skills	3	Internal
4252 (L2)	Produce a targeted resume	2	Internal
1294 (L2)	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		15	

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 Environments - Tongariro Volcanic Plateau with a three day field trip to the area (Approximate cost \$300)
- Differences in Development - Tanzania and the United States of America
- Internal Assessments
 - Global Issue
 - Contemporary Geographic Issue
 - Geographic Research (one day fieldtrip to the Central Business District)
- Skills
 - Map interpretation and construction
 - Graph interpretation and construction
 - Statistical interpretation and analysis

Assessment

Achievement /Unit Standard	Description	Credits	Assessment
91240 (2.1)	Demonstrate geographic understanding of a large natural environment	4	External
91242 (2.3)	Demonstrate geographic understanding of differences in development	4	External
91243 (2.4)	Apply concepts and geographic skills to demonstrate understanding in a given environment	4	External
91244 (2.5)	Conduct geographic research with guidance	5	Internal
91245 (2.6)	Explain aspects of a contemporary geographic issue	3	Internal
91246 (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 be aware that one of these standards may not be offered in 2014 after a review of the current programme, and this may reduce the number of credits on offer.***

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.

Field trip to Auckland Central Business District – Approximately \$10

Contact Person

Ms Gibb, Ms Tomlinson, Ms Willingale

GERMAN (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 further 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 testing working towards two internal assessments, as well as regular testing of topics.

Internal 50%

External 50%

Achievement Standard	Description	Credits	Assessment
91123	Demonstrate understanding of a variety of spoken German texts on familiar matters	5	External
91125	Give a prepared spoken presentation in German that communicates information, ideas, opinions	4	Internal
91124	Interact using spoken German to share and justify information, ideas and opinions in different situations	5	Internal
91126	Demonstrate understanding of a variety of written/visual German texts on familiar matters	5	External
91127	Write a variety of text types in German for genuine contexts	5	Internal
Total number of credits available towards the Level 2 NCEA		*24	

Please note: In 2014, in keeping with school policy, one of the internal standards will not be offered. This will be 91125, Speech.

Cost

Write-on grammar book \$25. Students retain this workbook. Online vocabulary learning \$20.

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 inquiry, 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

- The Vietnam War
- Crime and Punishment in Georgian England
- Convict Era Australia

Assessment

Internal 50%

External 50%

Achievement Standard	Description	Credits	Assessment
91229 (2.1)	Carry out an inquiry of a historical event or place of significance to New Zealanders	4	Internal
91230 (2.2)	Examine a historical event. or place, of significance to New Zealanders	5	Internal
91231 (2.3)	Examine sources of a historical event of significance to New Zealanders	4	External
91232 (2.4)	Interpret different perspectives of people in a historical event of significance to New Zealanders	5	Internal
91233 (2.5)	Examine causes and consequences of a significant historical event	5	External
91234 (2.6) OPTIONAL	<i>Examine how a significant historical event affected New Zealand society</i>	5	<i>External</i>
MAXIMUM number of credits available towards Level 2 NCEA		28	

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 Hurndell

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
2	13344	Demonstrate knowledge of the characteristics of commercial cookery methods and their application	3
Total number of credits available towards the Level 2 NCEA			21

Cost

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

Contact Person

Mrs Foxall

MATHEMATICS Specialist (Year 12MAS)

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
91257 (2.2)	Apply graphical models in solving problems	4	Internal
91259 (2.4)	Apply trigonometric relationships in solving problems	3	Internal
91261 (2.6)	Apply algebraic methods in solving problems	4	External
91262 (2.7)	Apply calculus methods in solving problems	5	External
91267(2.12)	Apply probability methods in solving problems	4	External
Total number of credits available towards the Level 2 NCEA		20	

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 \$33 for Year 12 Workbooks: Nulake NCEA 2 and a \$10 Revision book.

Optional resources: Study Pass \$12.

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

Co-Faculty Leader: Mr McBride or Mr Schollum

MATHEMATICS (Year 12)

Mathematics with Statistics (12 MAT)

NCEA Level 2

Guideline(s)/Minimum Entry

14 credits from NCEA Level 1 Mathematics Achievement Standards or on approval of Faculty Leader
The 14 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 76%	External 24%
Standards	Description	Credits Assessment
91258 (2.3)	Apply sequences and series in solving problems	2 Internal
91259 (2.4)	Apply trigonometric relationships in solving problems	3 Internal
91264 (2.9)	Use statistical methods to make an inference	4 Internal
91267 (2.12)	Apply probability methods in solving problems	4 External
91260 (2.5)	Use networks in solving problems	2 Internal
91263 (2.10)	Conduct an experiment using the PPDAC cycle	3 Internal
Total number of credits available towards the Level 2 NCEA		18

Year 13 Mathematics Guidelines:

- Maths with Statistics: All 14 NCEA Level 2 Mathematics Achievement Standard credits.
- This course **does not** lead to Maths with Calculus at Year 13. Students must take 12MAS if they wish to study Maths with Calculus at Year 13.

Cost

Approximately \$33 for Year 12 Workbooks: Nulake NCEA 2 and a \$10 Revision book.
Optional resources: Study pass \$12.

Equipment Required

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

Contact Person

Faculty Leader: Mr McBride or Mr Schollum

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 short film, music video, film trailer

Assessment

Achievement Standard	Description	Credits	Assessment
90278 (2.3)	Demonstrate understanding of representation in the media	3	Internal
90279 (2.4)	Demonstrate understanding of an aspect of a media genre	4	External
90280 (2.5)	Demonstrate understanding of narrative conventions in media texts	4	Internal
91252	Produce a design and plan for a developed media product using a range of conventions	4	Internal
91253	Complete a developed media product from a design and plan using a range of conventions	6	Internal
91255	Write developed media text for a specific target audience	3	Internal
Total number of credits available towards the Level 2 NCEA		24	

Contact Person

Mr M Ifrim

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.

A Contemporary course is also offered for non- music readers with an interest in Rock/Pop genres. Relevant standards are marked C on the grid below.

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

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.

Standards marked (C) are for Contemporary Music Course Students

Achievement Standard	Description	Credits	Assessment
AS91270 (C)	Perform two substantial pieces of music as a featured soloist.	6	Internal
AS91272 (C)	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group.	4	Internal
AS91272 (C)	Compose two substantial pieces of music	6	Internal
AS91273	*Create an instrumentation	4	Internal
AS91275	*Demonstrate aural skill through written representation	4	External
AS91274	*Perform two substantial pieces of music as a featured soloist on a second instrument	6	Internal
AS91276	Demonstrate knowledge of conventions in a range of music scores	4	External
AS91277	Demonstrate understanding of two substantial contrasting music works	4	External
US 23729 (C)	*Demonstrate knowledge of the development of, and operate digital music communication systems for a music performance.	4	Internal
Total number of credits available towards the Level 2 NCEA		24 or more	

Year 13 Music Guideline(s):

A minimum of 4 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

Cost

Nil - STAR funded programme

Contact Person(s)

Mr D. James, Development Programmes Manager

Ms A Vincent

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 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/ Mountaineering, NZ National Parks, Scuba Diving, Sailing
- **Term 4:** Rock Climbing.

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 2014**

Year 13 Outdoor Education and or Year 13 Sports Leadership Guideline(s):

An achieved grade in four of the assessed standards in 12 Physical Education or 12 Outdoor Education

Cost- \$775

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. \$200 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 Person

Mr R Thompson

PHYSICAL EDUCATION SPECIALIST (Year 12)

NCEA Level 2

Guideline(s)/Minimum Entry

- A merit grade, or higher in three of the assessed Level 1 Achievement Standards in the Year 11 Specialist Physical Education course.
- Students must also have attained an achieved grade or higher in Achievement Standard 90963 (1.2)
- A responsible and positive attitude displayed during the Year 11 Specialist Physical Education Course.

Course/Course Content

Objectives

- To develop a knowledge, understanding and appreciation of the human body as it relates to movement and performance
- To give an appreciation of the contribution that physical activity has to the development of a healthy life-style
- To develop interpersonal and social responsibility skills in group and team situations
- To develop management skills in implementing a physical activity or outdoor event

Content

- | | |
|--------------------------|--------------------------------------|
| • Skill Learning | Social Responsibility |
| • Exercise Physiology | Organising a physical activity event |
| • Principles of Training | Methods of Training |
| • Sports Psychology | Practical Performance |
| • Outdoor Education | Safety and Risk Management |

(All students will be expected to participate in the Year 12 Physical Education Camp)

Assessment Internal 100 %

Achievement or Unit Standard	Description	Credits	Assessment
91329 (2.3)	Demonstrate understanding of the application of biophysical principles to training for physical activity	4	Internal
91330 (2.4)	Perform a physical activity in an applied setting	4	Internal
91333 (2.7)	Analyse the application of risk management strategies to a challenging outdoor activity	3	Internal
U.S 426	Experience camping - prepare for camp and experience camp living with minimal impact on the environment.	3	Internal
91334 (2.8)	Consistently demonstrate social responsibility through application of a social responsibility model in physical activity contexts.	3	Internal
91335 (2.9)	Examine the implementation and outcome(s) of a physical activity event or opportunity	3	Internal
Total number of credits available towards the Level 2 NCEA		20	

Year 13 Physical Education Guideline(s):

A merit grade or higher in four of the assessed Level 2 Standards

Students must also have attained an achieved grade or higher in Achievement Standard 91329 (2.3)

Cost

\$110 Activity Fee

\$300 Camp cost (approx)

Contact Persons

Ms Smith or Mr Storrie

PHYSICS (Year 12)

NCEA Level 2

Guideline(s) / Minimum Entry

- At least 12 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

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 16%

External 84%

Achievement Standard	Description	Credits	Assessment
91170 (P.2.3)	Demonstrate understanding of waves.	4	External
91171 (P.2.4)	Demonstrate understanding of mechanics.	6	External
91172 (P.2.5)	Demonstrate understanding of atomic and nuclear physics.	3	Internal
91173 (P.2.6)	Demonstrate understanding of electricity and electromagnetism.	6	External
Total number of credits available towards the Level 2 NCEA		19	

Year 13 Physics Guideline(s)(s):

At least 12 credits in NCEA level 2 Physics, with at least 3 credits from P.2.5 plus literacy & numeracy requirements.

Costs

NCEA Level 2 Revision Guide approximately \$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)

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

Cost

Nil -STAR funded programme

Contact Person

Mr D James, Development Programmes Manager

Mr S Roe

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

This course is for you if you like designing, creating and researching products, along with an interest in fashion, textiles and careers associated with the fashion world e.g. Fashion designer, textile designer, pattern cutter, fashion journalist, etc. It is a University Approved subject that offers a full Achievement Standard based curriculum where you can gain Merit or Excellence course endorsements. You can link it with other subjects like Business Studies to design and make products to sell or Science to look at fabric composition, structure, development and use.

Objectives

- To further develop skill in technological inquiry and practice in the textile related area.
- To encourage students to develop their own designs.
- To learn to use specialist equipment in the fashion design and construction area
- To have a better understanding of the levels of practical and theoretical skills required by tertiary programmes.
- To study fabrics and textiles and their care.
- To introduce students to some industry methods of garment construction and understand the terminology used in cutting and pattern making in industry

Content

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

Assessment Internal 80% External 20%

Level	Achievement Standard	Description	Credits
2	91354 (Tech AS2.1)	Undertake brief development to address an issue	4
2	91356 (Tech AS2.3)	Develop a conceptual design for an outcome	6
2	91346 (CMT AS2.23)	Demonstrate understanding of advanced concepts used to make a product with textile materials	4
2	91359 (Tech AS2.6)	Demonstrate understanding of the role of material evaluation in product development	4
Total number of Credits available towards the Level 2 NCEA			18

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
2.2/91311	Use drawing methods to apply knowledge of conventions appropriate to painting	4	Internal
2.3/91316	Develop ideas in a related series of drawings appropriate to established painting practice.	4	Internal
2.4/91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting.	12	External
Total number of credits available towards the Level 2 NCEA		20	

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 \$60 (starter pack included).

Folio Boards \$10 (for 2)

Students keep all items at the end of the course

Contact Person

Mrs Cooper

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

Content

- the use of single lens cameras and digital photographic editing.
- the study of ideas and conventions of New Zealand and international photographers
- the two internals involve students researching and then planning and producing images based on their research
- The external involves the production of a two panel folio board of photographs

Assessment

Level	Standard	Description	Credits	Assessment
2	91312 (2.2)	Use drawing methods to apply knowledge of conventions appropriate to photography.	4	Internal
2	91317 (2.3)	Develop ideas in a related series of drawings appropriate to established photography practice.	4	Internal
2	91322 (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	

Year 13 Photography Guideline(s)(s):

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

Costs

Visual Diary \$7.00, Printing fee \$20.00, Folio boards \$10.00, Class Trips \$20.00, Photographic paper as needed \$50.00 – \$100.00 Students keep the photographs they produce.

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 borrowed from the college overnight or over a weekend.

Contact Person

Ms Bell

Course Structure for Year 13 Students - NCEA

The national qualification for students in Year 13 is Level 3 of the National Certificate of Educational Achievement (NCEA).

In Year 13, all students take 5 subjects. Some students may be allowed to take 6 subjects.

When selecting courses for Year 13, students should look ahead to the following year and beyond taking into account their long term career aspirations. Like Levels 1 and 2 subjects, Level 3 subjects also have a combination of both internally and externally assessed Achievement Standards.

Year 13 Subjects Qualification: Level 3 NCEA

English (13ENG)
English Literacy (13ENL)
Media Studies (13MES)
Esol (13 ESOL)
Calculus (13MCA)
Statistics and Modelling (13MST)
Accounting (13ACC)
Biology (13BIO)
Chemistry (13CHE)
Physics (13PHY)
Geography (13GEO)
History (13HIS)
Classical Studies (13CLA)
Economics (13ECO)
Business Studies (13BUS)
Physical Education (13PHE)
Outdoor Education (13OED)
Sport and Recreation (13SPR)

Technology (13TEC)
Digital Technology - Computing (13DTC)
Digital Technology - Electronics (13DTE)
Hospitality (13HOS)
Visual Communication - (Graphics) (13DVC)
Technology (13TEC)
Fashion and Design (13FAD)
Drama (13DRA)
Music (13MUS)
Art – Painting (13PAI)
Art History (13ARH)
Photography (13PHO)
French (13FRE)
German (13GER)
New Zealand Tourism (13NZT)
Retailing (13RET)

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 AS91176 (2.3)

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 38%

External 62%

Achievement Standard	Description	Credits	Assessment
91404 (3.1)	Demonstrate understanding of Accounting concepts for a reporting entity	4	External
91405 (3.2)	Demonstrate understanding of Accounting for partnerships	4	Internal
91406 (3.3)	Demonstrate understanding of company financial statement preparation	5	External
91408 (3.5)	Demonstrate understanding of management accounting to make a decision	4	External
91409 (3.6)	Demonstrate understanding of a job cost subsystem for an entity	4	Internal
Total number of credits available towards the Level 3 NCEA		21	

One of the above standards may not be offered in 2014

NB: For scholarship students a further 5 credits may be available (AS 91407 3.4)

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 the external and internal NCEA Level 2 English writing standards.

Course/Course Content

Italian Art: The late Renaissance and Mannerism in Florence, Venice and Rome.

Objectives

- To understand the contexts in which art is made.
- To differentiate between artist's styles and understand the reasons for similarities and differences.
- To understand the use of symbolism/narrative devices in art works and how they are used to express meaning.
- To understand the values placed upon art works from a variety of contexts (Renaissance and Modern Art).

Content

For the three externals and the first internal (3.7) students study mid-to-late fifteenth-century Italy through the works of Bellini and Mantegna in Venice and Botticelli and Leonardo da Vinci in Florence. This provides a background to the development of the High Renaissance in Rome. All aspects of Michelangelo's work (sculpture, painting and architecture) are studied. Mannerism is studied in the work of Pontormo, Bronzino and the late works of Raphael and Michelangelo. Titian provides the Venetian counterpart to the High Renaissance and Mannerist styles.

For the second internal (3.6) students study the value placed upon selected Renaissance works alongside modern art works of their choice. A trip to an art auction provides students with an understanding of the monetary value placed on art works.

- External examination questions require a long answer response **NOT** an essay format.

Assessment

Internal 40%

External 60%

Achievement Standard	Description	Credits	Assessment
3.1/91482	Demonstrate understanding of style in art works	4	External
3.2/91483	Examine how meanings are communicated through art works	4	External
3.3/91484	Examine the relationship(s) between art and context	4	External
3.6/91487	Examine the different values placed on art works.	4	Internal
3.7/91488	Examine the relationships between a theory and art works	4	Internal
Total number of credits available towards the Level 3 NCEA		20	

Cost

No fee.

Contact Person/s

Mrs H Cooper

BIOLOGY (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

2013: A minimum of 12 credits attained in Level 2 Biology, including AS 91157 (2.3 – Describe genetic variation and change) and at least ONE of the internals (AS 2.1 or 2.6)

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
- Socio-scientific issues
- Evolution
- Human Biological and Cultural Evolution
- Practical investigation

Assessment *Internal 35% External 65%*

Achievement Standard	Description	Credits	Assessment
91601 (3.1)	Carry out a practical investigation in a biological context, with guidance	4	Internal
91602 (3.2)	Integrate biological knowledge to develop an informed response to a socio-scientific issue	3	Internal
91603 (3.3)	Demonstrate understanding of the responses of plants and animals to their external environment	5	External
91605 (3.5)	Demonstrate understanding of evolutionary processes leading to speciation	4	External
91601 (3.6)	Demonstrate understanding of trends in human evolution	4	External
Total number of credits available towards the Level 3 NCEA		20	

Cost

Course manual - \$30.00 (approx). Students write-on and retain this workbook.
Field trips - \$30.00 (approx)

Contact Person/s

Ms Jan, Dr Nafissi, Mrs Kokohu

BUSINESS STUDIES (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

A minimum of 14 credits achieved at Level 2 NCEA Business Studies or with permission from HOF

Course/Course Content

Objectives

- Demonstrate an understanding of the internal and external influences on a business that operates in a global context
- Demonstrating an understanding of a Marketing Plan, human resource issues and exporting potential of a NZ business.
- Understanding the dynamics of a sustainable and innovative business in a market day scenario

Content

- Internal factors within a business that operates in a global context
- Response to external factors by a business that operates in a global context
- Marketing Plan
- Human Resource Issue
- Market Day Activity
- Exporting potential of NZ business

Assessment

Internal 60%

External 40%

Achievement Standard	Description	Credits	Assessment
AS 91379 (3.1)	Demonstrate understanding of how internal factors interact within a business that operates in a global context.	4	External
AS 91380 (3.2)	Demonstrate understanding of strategic response to external factors by a business that operates in a global context.	4	External
AS 91382 (3.4)	Develop a marketing plan for a new or existing product	6	Internal
AS 91383 (3.5)	Analyse a human resource issue affecting businesses	3	Internal
AS 91385 (3.7)	Investigate the exporting potentials of a New Zealand business in a market, with consultation	3	Internal
Total number of credits available towards the Level 3 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.

The Young Enterprise Programme may be offered as an extra-curricular activity if there is sufficient interest. Costs are associated with the programme.

Cost

Possible Excursion: Costs likely to be in the region of \$35.

Contact Person/s

Mrs Harduar, Mrs Rothbart

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
- Organic chemistry
- Acids, bases, and precipitates
- Oxidation and reduction reactions

Assessment: Internal 15%, External 85%

Achievement Standard	Description	Credits	Assessment
3.1	<i>Carry out an extended practical investigation involving quantitative analysis - this standard is optional</i>	4	Internal
3.4	Demonstrate understanding of thermochemical principles and the properties of particles and substances	5	External
3.5	Demonstrate understanding of the properties of organic compounds	5	External
3.6	Demonstrate understanding of equilibrium principles in aqueous systems	5	External
3.3	Demonstrate understanding of oxidation-reduction processes	3	Internal
Total number of credits available towards the Level 3 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

Approximately \$45.00 for Level 3 Chemistry Workbooks (internal and external). These workbooks are retained by the student.

Australian Chemistry Quiz entry fee approximately \$6.00.

Contact Person/s

Mr Hawcroft, Mrs Singh, Mrs Prakash

CLASSICAL STUDIES (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

At least 3 achievement standards in NCEA Level 2 English or History, or Head of Faculty permission

At least 14 credits in Level 2 Classical Studies, or Head of Faculty permission.

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
- For the external standards, at this stage students will be studying Aristophanes' Comedies and Alexander the Great. Aspects of classical mythology will also be taught. These topics will also be useful for the internally assessed standards.
- For the internally assessed standards, at this stage students will be required to discuss an ideology or ideologies (such as Alexander the Great's fusion policy) and to discuss the influence of the classical world over more than one time period (e.g. theatrical conditions in Greece, Rome and Elizabethan England, comedy in Greece, Rome and Shakespeare, mythology represented in Greek, Roman and Renaissance art).
- Advanced reading skills and analysis are requirements of the course as texts include literature, history, philosophy and politics at an advanced level, such as Aristophanes, Arrian and Plutarch. .

Assessment

Internal 25%

External 75%

Achievement Standard	Description	Credits	Assessment
91394	Analyse ideas and values of the classical world.	4	External
93196	Analyse the impact of a significant historical figure in the classical world.	4	External
91397	Demonstrate an understanding of a significant ideology(ies) in the classical world.	6	Internal
91398	Demonstrate understanding of the lasting influence of the classical world on other cultures across time.	6	Internal
Total number of credits available towards the Level 3 NCEA		22	

Contact Person

Mrs Champness or Ms Gibb

COMPUTING (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

Year 12 Computing (preferred) or instructor approval.

Course/Course Content

The course will be taught according to the New Zealand Technology Curriculum and assessed using Achievement Standards. This is an **approved subject for university entry**. Students will be required to follow the technological process, in order to complete the website successfully. The project requires acquiring and working with clients and stakeholders in order to create a website which is fit for purpose. Freedom is provided to students to complete the task in a manner that fits them and students will be using knowledge and skills built up from previous years to reach the desirable outcome.

Students will be submitting work in a variety of mediums, which include, but are not limited to – portfolios, digital submissions, audio-visual and PowerPoint. Students will be developing the skills to work independently and manage time efficiently and effectively in order to complete the project.

Objectives

The objectives of this course are to develop in students:

- The ability to manage their project efficiently and effectively when creating the project.
- The ability to create a successful website for a client and their stakeholders, which meets fitness for purpose in the broadest sense.
- The ability to show initiative and creativity when handling real-life problems
- Abilities to solve problems using ICT techniques
- The ability to understand how a technological outcome interacts with its surroundings.

Assessments

Internal 82%

External 18%

Achievement Standard	Description	Credits	Assessment
AS91609 (3.2)	Undertake project management to support technological practice	4	Internal
AS91610 (3.3)	Develop a conceptual design considering fitness for purpose in the broadest sense	6	Internal
AS91616 (3.9)	Demonstrate understanding of how the fitness for purpose of technological outcomes may be broadly interpreted	4	Internal
AS91617 (3.10)	Undertake a critique of a technological outcome's design	4	External
AS91635 (3.43)	Implement complex procedures to produce a specified digital media outcome	4	Internal
Total number of Credits available towards the Level 3 NCEA		22	

NOTE: Most of the NCEA standards are assessed as part of a project. Results are not available until the project has been submitted by the student, marked by the subject teacher and internally moderated. Therefore, some results are not reported until the end of the year.

Cost

Students will be required to do a substantial amount of printing in the computer lab. Payment is made via the Accounts office. Amount will vary per student.

Contact Person

Mr Hayden So

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 is required. 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

Design and Visual Communication focuses on where visual literacy and creative thinking is developed, using visual communication techniques.

Content

Students will cover the areas of Spatial and Product design in the year. This program requires students to apply graphics practice to produce a portfolio of design work that shows the effective exploration, refinement and communication of design. Student selection of Standards will depend upon their chosen graphics practise. Students are expected to complete a minimum of two design portfolios selected from a two of the following graphic areas of Spatial design and / or Product design and / or Visual Presentation. Work from the two design folios will provide opportunity to present evidence for at least four Achievement Standards. Initiate designs (AS 91627) is an external standard designed to provide design material for University entrance portfolios in design and is recommended to be part of your graphics practise.

Assessment

		<i>Internal 50%</i>	<i>External 50%</i>
Achievement Standard	Description	Credits	Assessment
91627	Initiate design ideas through exploration	4	External
91628	Develop a visual presentation that exhibits a design outcome to an audience	6	Internal
91629	Resolve a spatial design through graphics practice	6	Internal
91630	Resolve a product design through graphics practice	6	Internal
91631	Produce working drawings to communicate production details for a complex design	6	External
Total number of credits available towards the Level 3 NCEA		28	

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 / Mr Dobson

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). Students may 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 study and perform in the style of a theatre practitioner.

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 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 performance.
- Devise and perform a drama.
- Research and carry out a performance in a significant production.
- Demonstrate knowledge of theatre form or period by analysing and interpreting scripted texts.
- Demonstrate understanding of live drama performance.

Assessment

Internal 67 %

External 33 %

Achievement Standard	Description	Credits	Assessment
91513	Devise and perform drama to realise a concept.	5	Internal
91514	Interpret a prescribed text to demonstrate knowledge of a theatre form or period. (OPTIONAL)	4	External
91515	Select and use complex performance skills associated with a drama form or period. (OPTIONAL)	4	Internal
91516	Demonstrate understanding of the work of a drama or theatre theorist or practitioner. (OPTIONAL)	4	Internal
91517	Perform a substantial acting role in a significant production.	5	Internal
91518	Demonstrate understanding of live drama performance.	4	External
91519	Direct a drama performance. (OPTIONAL)	5	
Total number of credits available towards the Level 3 NCEA		18- 31	

Please Note: There are 4 optional standards which selected students may be offered instead of or as well as the compulsory standards. 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

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 42 %

External 58 %

Achievement Standard	Description	Credits	Assessment
AS 3.1	Demonstrate understanding of the efficiency of market equilibrium	4	External
AS 3.2	Demonstrate understanding of the efficiency of different market structures using marginal analysis	4	External
AS 3.3	Demonstrate understanding of micro-economic concepts	5	Internal
AS 3.4	Demonstrate understanding of government interventions to correct market failures	5	Internal
AS 3.5	Demonstrate understanding of macro-economic influences on the New Zealand economy	6	External
Total number of credits available towards the Level 3 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.

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

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 for an authentic client.
- 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	Achievement Standard	Description	Credits	Assessment
3	AS 91608(3.1)	Undertake brief development to address an issue within a determined context	4	Internal
3	AS 91609(3.2)	Undertake project management to support technological practice	4	Internal
3	AS 91612(3.5)	Demonstrate understanding of how technological modelling supports technological development	4	External
3	AS 91639(3.48)	Implement complex interfacing procedures in a specified electronic environment	4	Internal
3	AS 91640(3.49)	Implement complex techniques in constructing a specified complex electronic and embedded system	4	Internal
Total number of Credits available towards the NCEA Level 3			20	

Costs

\$60.00 - Components, Consumables and Material costs for project work.

Students keep the projects they make.

Contact Person

Mrs Christopher

ENGLISH (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

4 English standards achieved at Level 2 NCEA or 12 L2 English credits.

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 Literature (Extended and short texts)
- Study of film
- Oral presentation (public speaking)
- Writing portfolio

Assessment

Achievement Standard	Description	Credits	Assessment
91472	Respond critically to specified aspect(s) of studied written text(s), supported by evidence	4	External
91473	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	4	External
91474	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	4	External
91475	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	6	Internal
91476 or	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	3	Internal
91477 or	Create a fluent and coherent visual text which develops, sustains, and structures ideas using verbal and visual language	3	Internal
91478	Respond critically to significant connections across texts, supported by evidence.	4	Internal
Total number of credits available towards Level 3 NCEA		25	

Please note:

Students will be offered a choice of 91476 or 91477.

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 10 literacy credits required for university entrance
- To provide an alternative course to repeating Level 2 NCEA English
- To provide students with the opportunity to attempt a limited number of Level 3 internal credits dependent on gaining the 10 Level 2 literacy requirements for university entrance.

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.
- Research 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
3	3.9	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	3
Total number of credits available towards Level 2 NCEA			10
Total number of credits available towards Level 3 NCEA			3

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, Literacy for University Entrance

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 achieve Literacy for entrance to tertiary studies
- 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. Students prepare for the English literacy required for entry into NZ Universities
- A regular homework programme with weekly testing is followed

Assessment

Internal 100%

Students are assessed internally in Level 2 English Achievement Standards.

Type	Level	Achievement Standard	Description	Credits	Assessment
English	2	91101	Produce a selection of crafted and controlled writing	6	Internal
English	2	91104	Analyse significant connections across texts, supported by evidence	4	Internal
English	2	91106	Form developed personal responses to independently read texts, supported by evidence	4	Internal
Total number of Credits available towards the Level 2 NCEA				14	

Contact Person

Ms Walker

FASHION & DESIGN (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

Year 12 Technology-Soft Material

Course/Course Content

Technology is a University Approved subject that offers a full Achievement Standard based curriculum where you can gain Merit or Excellence course endorsements. You can combine your interest in Fashion Design and Garment Construction and link it with other subjects like Business Studies to design and make products to sell or Science to look at fabric composition, structure, development and use.

Objectives

- To further students' skills and to allow students to explore new areas involved in fashion, design and garment or textile product construction
- Be better prepared for higher level learning such as tertiary studies in the Bachelor of Design with majors in fashion or a Bachelor of Technology, Arts etc.

Content

- Techniques used in construction and resourceful use of materials
- Designing a garment for a competition or event eg World of Wearable Arts, Trash to Fashion
- Design and make an embellished textile product and/or a formal garment
- Pattern making and manipulation
- 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	91608 (Tech AS 3.1)	Undertake brief development to address an issue within a determined context	4	Internal
3	91609 (Tech AS 3.2)	Undertake project management to support technological practice	4	Internal
3	91611 (Tech AS 3.4)	Develop a prototype considering fitness for purpose in the broadest sense	6	Internal
3	91622 (Tech AS 3.22)	Implement complex procedures to make a specified product using a Computer Numerical Controlled (CNC) machine	4	Internal
3	91612 (Tech AS 3.5)	Demonstrate understanding of how technological modelling supports technological development	4	External
Total number of Credits available towards the Level 3 NCEA			22	

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 (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 further competence in the four language skills: listening, speaking, reading, writing
- To link French culture with language experiences
- To provide an extra dimension for career opportunities
- To enjoy and appreciate French literature and film
- 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 working towards two internal standards as well as regular testing of topics.

Internal 52% External 48%

Achievement Standard	Description	Credits	Assessment
AS91543 3.1	Demonstrate understanding of a variety of extended spoken French texts	5	External
AS91544 3.2	Give a clear spoken presentation in French that communicates a critical response to stimulus material.	3	Internal
AS91545 3.3	Interact clearly using spoken French to explore and justify varied ideas and perspectives in different situations	6	Internal
AS91546 3.4	Demonstrate understanding of a variety of extended written and/or visual French texts	5	External
AS91547 3.5	Write a variety of text types in clear French to explore and justify varied ideas and perspectives	5	Internal
Total number of credits available towards the Level 3 NCEA		*24	

Please note:

*** In 2014, in keeping with school policy, one standard will not be offered. This will be AS91544 (Speech)**

Cost

Online vocabulary \$20.

Contact Person:

Mrs Harris

GERMAN (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 further competence in the four language skills: listening, speaking, reading, writing
- To link German culture with language experiences
- To provide an extra dimension for career opportunities
- To enjoy and appreciate German literature and film
- 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:

- Film study
- 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 working towards two internal assessments as well as regular testing of topics.

Internal 52 External 48 %

Achievement Standard	Description	Credits	Assessment
AS 91548 3.1	Demonstrate understanding of a variety of extended spoken German texts	5	External
AS 91549 3.2	Give a clear spoken presentation in German that communicates a critical response to stimulus material.	3	Internal
AS 91550 3.3	Interact clearly using spoken German to explore and justify varied ideas and perspectives in different situations	6	Internal
AS 91551 3.4	Demonstrate understanding of a variety of extended written and/or visual German texts	5	External
AS 91552 3.5	Write a variety of text types in clear German to explore and justify varied ideas and perspectives	5	External
Total number of credits available towards the Level 3 NCEA		*24	

Please note:

***In 2014, in keeping with school policy, one internal standard will not be offered. This will be AS 91549 (speech).**

Cost

\$25 German Write on Grammar notes (if not purchased in Year 12). Students retain this workbook.
Online vocabulary learning \$20.

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)
 - operation of tourism development
 - patterns of activity
 - changes over time
- Internal Assessments
 - geographic event
 - contemporary geographic issue
 - geographic research
- Skills
 - map interpretation and construction
 - graph interpretation and construction
 - statistical interpretation and analysis

Assessment

Achievement Standard	Description	Credits	Assessment
(3.1)	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment.	4	External
(3.2)	Demonstrate understanding of how a cultural process shapes geographic environment(s).	4	External
(3.4)	Select and apply skills and ideas in a geographic context Demonstrate understanding of a given environment(s) through the selection and application of geographic concepts and skills.	4	External
(3.5)	Conduct geographic research with consultation	5	Internal
(3.6)	Analyse a contemporary geographic issue Analyse aspects of a contemporary geographic issue.	3	Internal
(3.3)	Analyse a significant contemporary event from a geographic perspective	3	Internal
Total number of credits available towards the Level 3 NCEA		23*	

Please note:

***There may be changes to the course content and credits in 2014.**

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 of society in New Zealand and abroad

Content

- Maori/Pakeha Relations 1769 – 1840
- The American Revolution 1763 - 1784

Assessment

Internal 48%

External 52%

Achievement Standard	Description	Credits	Assessment
AS91434 (3.1)	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	5	Internal
AS91435 (3.2)	Analyse an historical event, or place, of significance to New Zealanders	5	Internal
AS91436 (3.3)	Analyse evidence relating to an historical event of significance to New Zealanders	4	External
AS91437 (3.4)	Analyse different perspectives of a contested event of significance to New Zealanders	5	Internal
AS91438 (3.5)	Analyse the causes and consequences of a significant historical event	6	External
AS91439 (3.6) Optional	Analyse a significant historical trend and the force(s) that influenced it	6	External
Total number of credits available towards the Level 3 NCEA		31	

N.B. There is a mandatory course of 25 credits with 3.6 optional for capable students.

Cost

History Trip: Northland – Early Contact assignment. Approx: \$180.00

Contact Person

Mr McCormack, Mr Hurdell

HOSPITALITY (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

Teacher approval if Year 12 Hospitality was not completed

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 Level 3 unit standards in Hospitality.

Assessment

Internal 100%

Level	Unit Standard	Description	Credits
3	6648	Prepare, plan and serve food for a special occasion	4
3	15627	Demonstrate creativity in meal preparation and presentation	6
3	13343	Demonstrate knowledge of basic nutrition in commercial catering	4
3	168	Demonstrate knowledge of food contamination hazards and control methods used in a food business	4
Total number of Credits available towards the Level 3 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.

Costs

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

Contact Person

Mrs Foxall

CALCULUS (Year 13)

NCEA Level 3 (13MCA)

Guideline(s)/Minimum Entry

Only 12MAS students.

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
- Systems of Equations

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

Assessment

Internal 19 %

External 81 %

Achievement Standard	Description	Credits	Assessment
3.3 AS91575	Apply trigonometric methods in solving problems	4	Internal
3.5 AS91577	Apply the algebra of complex numbers, in solving problems	5	External
3.6 AS91578	Apply differentiation methods in solving problems	6	External
3.7 AS91579	Apply integration methods in solving problems	6	External
Total number of credits available towards the Level 3 NCEA		21	

Cost

Nulake Workbooks for each topic costing approximately \$33 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

Mr McBride

STATISTICS (Year 13)

NCEA Level 3 (13MST)

Guideline(s)/Minimum Entry

14 credits at NCEA Level 2 in Achievement Standards.

Only 12MAS or 12MAT students, and an Achieved grade or higher in 2.12 Apply Probability Methods

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

- Time Series and making predictions
- Confidence intervals and sample statistics
- Probabilities, Expectation, Permutations and Combinations (selected students only)
- Linear Programming
- Bi-variate Data
- Probability Distributions
- Evaluating Statistically Based Reports

Assessment

Internal 50 %

External 50 %

Achievement Standard	Description	Credits	Assessment
3.2	Apply linear programming methods in solving problems	2	Internal
3.8	Investigate time series data	4	Internal
3.9	Investigate bi-variate measurement data	4	Internal
3.13	Apply probability concepts in solving problems (students will be selected for entry using their mid year results.)	(4)	External
3.14	Apply probability distribution in solving problems	4	External
3.12	Evaluate statistically based reports	4	External
Total number of credits available towards the Level 3 NCEA		18 / (22)	

Cost

Nulake Workbooks for each topic costing approximately \$33 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.

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 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

Assessment

Achievement Standards	Description	Credits	Assessment
90600 (3.2)	Explain how meaning is created in media texts	3	Internal
90602 (3.4)	Explain the relationship between a media genre and society	4	External
3.5	Produce a design for a media product that meets the requirements of a brief	4	Internal
3.6	Produce a media product to meet the requirements of a brief	6	Internal
3.8	Write a media text to meet the requirements of a brief	3	Internal
Total number of credits available towards Level 3 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.

Contact Person

Mr M Ifrim

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.

A Contemporary Music course can be taken using the performance and composition standards in conjunction with a research standard.

Content

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

Assessment

Internal 83 %

External 17 %

Assessment Standard	Description	Credits	Assessment
	Present a performance of a programme of music as a member of a group	4	Internal
	Demonstrate aural skills across a range of musical style and genres	4	External
	Communicate musical intention by composing three original pieces of music.	8	Internal
	Prepare and present performances of music as a featured soloist.	8	Internal
Total number of credits available towards the Level 3 NCEA		24	

Please note:

The Aural External is optional. Students may instead complete a standard in the Music Studies list.

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 may 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.

Some Music Technology standards may be available.

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
	Examine the influence of context on a substantial music work music (optional)	4	Internal
	Analyse a substantial music work	4	External
	Research a music topic	6	Internal
	Arrange Music	4	Internal
	Demonstrate an understanding of harmonic and tonal procedures in a range of music	4	External
Total number of credits available towards the Level 3 NCEA		22	

Please note:

A total of 20 credits is advised.

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

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

Ms A Vincent

OUTDOOR EDUCATION (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

- Year 13 student.
- A willingness and commitment to be involved in outdoor practical activities.
- Students must have displayed a positive attitude to Outdoor Education and/or Physical Education during Year 12.
- 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, Paddleboarding, Fishing .
- **Term 2:** Bushcraft/Tramping, Rock Climbing.
- **Term 3:** Planning for camp, Scuba Diving.
- **Term 4:** Scuba Diving.

Assessment *

Internal 100%

Level	Achievement or Unit Standard	Description	Credits	Assessment
3	U.S 424	Outdoor First aid	5	Internal
3	U.S 13376	Apply knowledge of clothing and accessories in outdoor activities	5	Internal
3	A.S 91501	Demonstrating quality performance of a physical activity in an applied setting (Rock Climbing)	4	Internal
3	U.S 430	Bushcraft	3	Internal
3	U.S 24663	Leadership: adventure based learning	3	Internal
Total number of credits available towards the Level 3 NCEA			20	

**Note: Course assessment/content may change slightly before the start of 2014*

Year 13 Outdoor Education Guideline(s):

At least 3 achieved grades in four of the assessed standards in 12 Physical Education or 12 Outdoor Education and teacher approval.

Cost- \$795 (this cost is subject to change and is an estimation due to being a new course and funding not being finalised until course numbers are confirmed)

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: \$275 week two, term one. \$295 week two, term two; \$225 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 Person

Mr R Thompson or Mr A Salmon

PHYSICAL EDUCATION (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

A merit grade or higher is required in four of the assessed level 2 achievement standards in Year 12 Physical Education.

Students must have attained an achieved grade or higher in achievement standard 91329 (2.3).

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/ critical analysis and evaluative skills.
- Development of event management skills.
- Develop organisational and leadership qualities in various settings.
- Develop a variety of physical skills in a range of contexts.
- Develop research and inquiry techniques and skills.
- Apply biophysical principles to train for and complete an Aquathon event (400 metre swim and a 5km run)

Content:

- Complete planning of the Year 13 Physical Education Camp by the students in the class.
- Application of Safety and Risk Management principles.
- Participation in the organised camp and associated activities.
- Evaluation of the contribution physical activities make to total well-being.
- Promote physical activity within the local community
- Evaluate physical activity experiences
- Practical Performance in the Aquathon, a 400 metre swim followed immediately by a 5 km run.
- Critical evaluation of a current activity trend or health issue impacting New Zealand society today.
(All students are expected to participate in the Year 13 Physical Education Camp)

Assessment

Internal 100%

Achievement Standard	Description	Credits	Assessment
91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	4	Internal
91501	Demonstrate quality performance of a physical activity in an applied setting	4	Internal
91502	Examine a current physical activity, trend or issue and its impact on New Zealand society.	4	Internal
91503	Evaluate the use of health promotion to influence participation in physical activity	5	Internal
91504	Analyse issues in safety management for outdoor activity to devise safety management strategies	3	Internal
Total number of credits available towards the Level 3 NCEA		20	

Cost

\$75.00 Activity Fee (e.g. pool lane hire, swimming coach).

\$350.00 Camp Fee.

Contact Person

Mr Thompson or Mr Storrie

PHYSICS (Year 13)

NCEA Level 3

Guideline(s) / Minimum Entry

At least 13 credits in NCEA level 2 Physics 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

Content

Modules of study will include:

Cars and Planes in Linear and Rotation

Understanding Oscillations

Electrical Circuit Devices

Tuning the TV and Radio

Nuclear Reactors and Reactions

Music, Colours and Sound

Generating and Transforming Electricity

Nothing Goes Faster Than Light

Photons and Planck

Assessment

Internal 16 %

External 84%

Achievement Standard	Description	Credits	Assessment
91523 (P.3.3)	Demonstrate understanding of wave systems	4	External
91524 (P.3.4)	Demonstrate understanding of mechanical systems	6	External
91525 (P.3.5)	Demonstrate understanding of Modern Physics	3	External
91526 (P.3.6)	Demonstrate understanding of electrical systems	6	External
Total number of credits available towards the Level 3 NCEA		19	

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

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 13)

NCEA Level 3

Guideline(s) / Minimum Entry

Completion of 12 Retailing and/or Faculty Manager approval

Year 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
- Managing cash floats and reconciling sales records and takings
- Workplace communications
- Effective work practices
- Product knowledge (research project)

Assessment

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

- classroom and practical assessment s
- theory assessments
- product knowledge report

Assessment

Internal 100%

Level	Unit Standard	Description	Credits
3	422	Create in-store displays in a retail or distribution environment	3
3	11831	Apply skills and qualities of a sales person	6
3	11817	Serve customers face to face in a wide range of contexts	4
3	11818	Enhance work practices by the application of product and/or service knowledge	4
3	11939	Respond to customer complaints by telephone in a retail or distribution environment	3
3	11940	Respond to customers' complaints face to face in a retail or distribution environment	4
3	11956	Prepare a float and reconcile sales records and takings	3
4	11999	Demonstrate product knowledge in a specific area in a retail or distribution	4
Total number of credits available towards Level 3 NCEA			31

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 D James, Development Programmes Manager

Mr S Roe

SPORTS LEADERSHIP (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

- A demonstrated desire to follow a career pathway into Sports Leadership or Recreation Leadership
- An achieved grade in four of the assessed standards in 12 Physical Education or 12 Outdoor Education
- Positive engagement in learning during Year 12 Physical Education or Year 12 Outdoor Education
- It is expected that all students in this course will coach a sports team of their choice for a full season
- Students must have competent literacy skills

Course/Course Content

Objectives:

- Develop organisational and leadership skills that can be transferable to multi disciplines
- Develop effective delivery skills in practical sports environments
- Apply event management skills in the organisation of a school wide event
- Demonstrate specific sports skills both in delivery and as a participant
- Develop problem solving, communication and self management skills

Content:

- Qualities of effective Sport Leaders
- The Role of the Coach
- Introduction to Event Management
- Safety Management
- Training for fitness and improving sports performance
- Practical Performance of sports in an applied setting
- Leadership in Adventure Based Learning

Assessment

Internal 100%

Level	Achievement or Unit Standard	Description	Credits	Assessment
3	US22771	Plan a beginner level coaching session for sports participants	4	Internal
3	US22768	Conduct and review a beginner level coaching session	6	Internal
3	US21414	Plan and lead a recreational activity	4	Internal
3	AS91501	Demonstrate quality performance of a physical activity in an applied setting	4	Internal
3	US24663	Demonstrate Leadership while participating in an adventure based learning programme	3	Internal
Total number of Credits available towards Level 3 NCEA			21	

This course is a combination of theory and practical work. A commitment to both aspects is expected of students enrolling in this course

Cost

Camp \$300.00 (Approximate)
Class Trips \$75.00

Contact person

Mr D Storrie

TECHNOLOGY (Year 13)

NCEA Levels 2 & 3

Guideline(s)/Minimum Entry

Students to have completed a minimum of Level 1 BCATS or any Technology subject (12 credits) and have the approval of the Head of Faculty.

Course/Course Content

There are two levels of the course being offered – Level 2 for Year 12 and Level 3 for Year 13.

Students who participate in this programme will use the Technology process to produce a client driven outcome. This involves starting with the creation of a brief, completing conceptual designs and developing a completed prototype (finished product). Achievement Standards will be used, allowing students to obtain 20 to 22 credits.

There is the opportunity for students to use CAD (Computer Aided Design) and utilise the 3D Printer (Additive Rapid Prototyper) and the CNC milling machine (Subtractive Rapid Prototyper).

This subject also gives the students the possibility to work in the workshop environment using a range of hard materials. For assessment purposes, portfolio work will be required.

Objectives

- The ability to use existing skills in creative ways.
- Develop and use skills to create solutions to real life problems.
- Develop planning and analytical skills.

Content

Students will present a design portfolio that details their design process (research, conceptual stages and making of the product) and testing of the outcome.

Assessment

Internal 100%

Level	Unit Standard	Description	Credits	Assessment
2/3	2.1 3.1	Undertake brief development to address an issue within a determined context	4	internal
2/3	2.3 3.3	Develop a conceptual design considering fitness for purpose in the broadest sense	6	Internal
2/3	2.4 3.4	Develop a prototype considering fitness for purpose in the broadest sense	6	Internal
2/3	2.20 3.20	Implement complex procedures to integrate parts using resistant materials to make a specified product	6	Internal
3	3.22	Implement complex procedures to make a specified product using a Computer Numerical Controlled (CNC) machine	4	Internal
Total number of credits available towards Level 2& 3 NCEA			20/22	

Cost

A visual diary or A3 DVC pad – cost \$15

Dependant on the final product total not to exceed \$80

Contact Person

Mr Dobson/Mr Pavarno

VISUAL ART (PAINTING) (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

Achieved or higher grade in NCEA 2.2, 2.3, 2.4 Painting.

Objectives

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

Course content

The course is designed to build upon and develop each student's theoretical and practical knowledge of established painting practice. The internal assessments (3.2, 3.3) are integrated to create a body of work from which students can develop their own ideas and interests to produce the externally assessed part of the course (3.4/folio boards).

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

Internal 42%

External 57%

Achievement Standard	Description	Credits	Assessment
AS 3.2/91446	Use drawing to demonstrate understanding of conventions appropriate to painting.	4	Internal
AS 3.3/91451	Systematically clarify ideas using drawing informed by established painting practice	4	Internal
AS 3.4/91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	14	External
<i>Total number of credits available towards the Level 3 NCEA</i>		<i>22</i>	

Cost

Materials - \$60 (to include art materials/Visual diary starter pack)

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

Students keep all items.

Contact Person

Mrs H Cooper/ Mr C Tanner

VISUAL ART PHOTOGRAPHY (Year 13)

NCEA Level 3

Guideline(s)/Minimum Entry

An Achieved grade or higher in NCEA 2.2, 2.3, 2.4 photography

Objectives

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

Course Content

The course is designed to build upon and develop each student's theoretical and practical knowledge of established photography practice. The internal assessments (3.2, and 3.3) are integrated to create a body of work from which students can develop their own ideas and interests to produce the externally assessed part of the course (folio boards).

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

Internal 42%

External 57%

Standard	Description	Credits	Assessment
91447 (3.2)	Use drawing to demonstrate understanding of conventions appropriate to photography	4	Internal
91452 (3.3)	Systematically clarify ideas using drawing informed by established photography practice	4	Internal
91457 (3.4)	Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice	14	External
Total number of credits available towards the Level 3 NCEA		22	

Cost

Printing fee \$50.00

Photographic paper as needed, approximately \$100.00

Trips to galleries & exhibitions \$20.00

Folio board \$15.00

Students keep all items.

NOTE: It is preferable for students wishing to study photography at this level to have access to a camera and tripod of their own. There are a few school cameras available for students to borrow overnight or over the weekend.

Contact Person

Ms J Bell