

Edgecumbe College



Level 2 Course Booklet 2012

PLANNING YOUR FUTURE

The purpose of this booklet is to assist you to make informed choices in 2012, so that you achieve success in your chosen subjects and courses. It is important that you choose your subjects carefully and not just select because your friends are doing the course.

The course selection that you undertake in Term three will be used by the school to work out what subjects will be offered in 2012. An unwise decision now may result in the course you really wanted to do not being offered next year.

For those taking External Exams the final decision on which subjects you do next year may have to be made after you get your results in January 2012 and satisfy course pre requisites.

Year 11	Students will study for the National Certificate of Educational Achievement Level 1 by gaining credits from Achievement Standards and/or Unit Standards. It is compulsory that students study courses in English and Mathematics this year. A course in a Science is strongly recommended. All other subjects are optional.
Year 12	Students will study for the National Certificate of Educational Achievement Level 1 and/or 2, and/or National Certificates. They should know which of their subjects continue into Year 13 courses. Students must study a course in English or Maori. All other subjects are optional.
Year 13	Students will study for the National Certificate of Educational Achievement Level 1, 2 and/or 3, and National Certificates. They need to consider career, polytechnic or university requirements when they choose their subjects There are no compulsory subjects

Choice of Subjects

A parent/guardian/caregiver must consent to the choice of subjects by signing the selection forms. Any changes during the year must be through the students Kaitiaki and have the permission of the parents and teachers concerned.

For New Students

Enrolment Interview

A parent/guardian/caregiver must be present at the interview when a course is being discussed and selected.

Placement in English and Mathematics Courses

A student will be placed in a class based on the combination of advice from the previous school, diagnostic or summative tests and an interview with a teacher.

NATIONAL QUALIFICATIONS AND CERTIFICATES

National Certificate of Educational Achievement (NCEA)

NCEA Level 1 - requires students to gain 80 or more credits

- A full year's subject course generally offers about 20 credits.
 - Students may study up to 6 full year courses.
 - Achievement Standards and Unit Standards credits may be included in the NCEA Level 1 Certificate.
 - Achievement Standards are awarded at Achieved, Merit and Excellence levels. Unit Standards are awarded at Credit (Achieved) only.
 - Some Achievement Standards are assessed internally (in the school) and some are assessed at the end of the year in an external exam.
 - Unit Standards are all assessed internally.
- As part of the Level 1 requirements you must gain enough Literacy and Numeracy credits. This can be done in one of two ways.

Unit standards – Three unit standards worth a total of 10 credits need to be completed for both Literacy and Numeracy. Evidence can be collected from any subject and is used to create a portfolio's which demonstrates competency in the required Literacy and Numeracy skills.

Achievement standards – Achievement standards in a variety of subjects are signposted as counting towards Literacy or Numeracy competency. More details of the list can be found on the student I drive in the NCEA file.

A student needs to gain 10 or more credits in Standards that count towards Literacy and 10 or more credits that count towards Numeracy in order to gain the competency standard required for NCEA Level 1.

NCEA Level 2 – requires students to gain 80 credits

- You need a minimum of 80 credits of which 60 credits must be at Level 2 or above
- Credits may be achieved from either Achievement Standards or Unit Standards.

NCEA Level 3 - requires students to gain 80 credits

- You need a minimum of 80 credits of which 60 must be at Level 3 or above.
- If considering applying for University the following year it is **strongly advised** that you study five Level 3 subjects in Year 13. **Students who take four or more Level 3 subjects are entitled to choose a study line.**
- **Level 3 is becoming the bench mark for entry into many University courses (see the section on University entrance which is later on in this booklet).**

Unit Standards (U.S)

- Some of the Level 1, 2 and 3 courses offer only Unit Standards. These courses are identified on the subject index with U.S. They provide credits for NCEA.

Some Level 1, 2 and 3 courses offer National Certificates.

Certificates offered at Edgcumbe College are: (teacher responsible)

- National Certificate in Computing Levels 2 & 3 (See Mr. Hall)
- National Certificate of Business and Computing Levels 2 & 3 (See Mr. Hall)
- National Certificate in Tourism Level 2 (See Mr. Lynch)
- National Certificate in Mechanical Engineering Technology Level 1 and 2 (see Mr. van Veen)
- National Certificate in Building Construction and Allied Trades Level 2 (see Mr. van Veen)
- NZ Certificate in Agriculture Level 2 (see Mr. Baldwin)
- National Award in Outdoor Experiences Level 2 (See Ms. Barnes)

The correct units must be studied to satisfy NZQA requirements for a National Certificate

Endorsement of Certificates

The National Certificate of Educational Achievement (NCEA) maybe endorsed with the words” Merit” or “Excellent” for any level. To gain a Merit endorsement students’ need to gain 50 or more credits at a Merit level. To gain an Excellence endorsement students’ need to gain 50 or more credits at the Excellence level. Credits gained in a higher level can count down to enable you to gain a lower level endorsement. Note that Unit Standards will not give you credits towards Merit or Excellence endorsement.

Subject (Course) Endorsement

Students will gain an endorsement for a course where they achieve:

- 14 or more credits at Merit or Excellence.
- At least 3 credits need to be from externally assessed standards and 3 from internally assessed standards (see note below).
- Credits can only be counted once in a single school year .i.e. credits gained as a Year 10 student cannot be counted for subject endorsement in Year 11.

Note:

Physical Education, Religious Studies and Level 3 Visual Arts will be exempt from the requirement to gain external assessed credits.

Scholarship

Scholarship provides recognition and monetary reward to top secondary school students. Scholarship exams enable candidates to be assessed against challenging standards, and are demanding for the most able candidates in each subject. They are externally assessed and are an additional set of exams. They do not attract credits, nor contribute towards a qualification, but the fact that a student has gained a Scholarship appears on their Record of Achievement. Students can enter up to 3 Scholarship exams without any extra charge to the normal NZQA fees.

ENTRANCE TO UNIVERSITY

Minimum standards

- Gaining 14 credits at level 3 in **three** approved subject areas (see list below)
- Or 14 credits at Level 3 in **two** subjects and 14 credits in no more than two approved subjects or domains.

Plus

- a minimum of 14 numeracy credits at Level 1 or higher in Mathematics
- a minimum of 8 literacy credits at Level 2 or higher in English or Te Reo Māori; 4 credits must be in Reading and 4 credits must be in Writing. The literacy credits need to be from a schedule of approved Achievement Standards and Unit Standards (**for more detail see your Kaitiaki or English/Maori teacher**).

More detailed information on University Entrance and list of approved subjects can be found at <http://www.nzqa.govt.nz/qualifications-standards/awards/university-entrance/>

Approved Subjects

Accounting	Geography	Painting (Practical Art)
Agriculture & Horticulture	German	Photography (Practical Art)
Biology	Graphics	Physical Education
Chemistry	Health Education	Physics
Chinese	History	Printmaking (Practical Art)
Classical Studies	History of Art	Samoan
Computing	Indonesian	Science
Cook Islands Māori	Japanese	Sculpture (Practical Art)
Dance	Korean	Social Studies
Design (Practical Art)	Latin	Spanish
Drama	Mathematics with Calculus	Technology
Economics	Statistics and Modelling	Te Reo Māori or Te Reo Rangatira
English	Media Studies	
French	Music Studies	

Credits can be accumulated over more than one year. Where a Unit Standard and an Achievement Standard assess the same learning outcome they are mutually exclusive for the NCEA qualifications and university entrance purposes. You can check these out by visiting the web site http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/#_msocom_6 or see your subject teacher or Mr. Murphy (the NZQA liaison officer).

Course Overview at Edgecumbe College

Area	Year 9	Year 10	Level 1	Level 2	Level 3
The Arts	Art Practical	Art Practical	Visual Arts	Visual Arts (Painting, Photography)	Visual Arts (Painting, Photography Print, Sculpture)
	Maori Performing Arts Music	Maori Performing Arts Music	Maori Performing Arts Music Studies	Maori Performing Arts Music Studies	Maori Performing Arts Music Studies
		Drama	Drama	Drama	Drama
Languages	English	English	English General E. Communication	English General E. Communication	English
	Japanese Te Reo Maori	Japanese Te Reo Maori	E. Elementary Media Studies Other Languages Te Reo Maori	E. Elementary Media Studies Other Languages Te Reo Maori	Other languages Te Reo Maori
Health and Physical Education	Physical Education Health	Physical Education Health	Physical Education Outdoor Physical Education	Physical Education Outdoor Physical Education Recreational Physical Education	Physical Education
			Health		
Mathematics	Mathematics	Mathematics	Mathematics	Mathematics	Maths with Calculus Statistics and Modelling
			Maths Applied		
Science	Science	Science	Science Science Applied	Biology Chemistry Physics Electronics Environmental Studies	Biology Chemistry Physics Electronics
	Horticulture	Horticulture	Human Biology Environmental Studies Agriculture Horticulture	Environmental Studies Agriculture Horticulture	Agriculture Horticulture
Social Science	Social Science	Social Science	Social Science Geography History	Social Science Geography History Tourism	Social Science Geography History Tourism
Technology	Fabric Food and Nutrition	Fabric Food and Nutrition	Fabric Food and Nutrition Hospitality	Fabric Food and Nutrition Hospitality	Fabric Food and Nutrition
	Graphics Metal Wood	Graphics Metal Wood	Graphics Mechanical Engineering Wood	Graphics Mechanical Engineering Wood	Graphics Construction and Materials
Business Studies		Enterprise Studies	Accounting Economics Office Administration	Accounting Economics Office Administration	Accounting Economics Office Administration
	Information and Communication Technology	Information and Communication Technology	Information and Communication Technology Digital Technologies	Information and Communication Technology Digital Technologies	Information and Communication Technology
Vocational		Career Education	Drivers Education	Driver Education Employment Skills Gateway Star Courses Trade Academy	Gateway Star Courses Trade Academy

EDGECUMBE COLLEGE 2012

Year 12 Course Selection

This is a copy of the form you will complete and hand to your tutor teacher. Do not write in the booklet

CHOICES YOU MUST MAKE:

You must choose six “Lines/blocks” of subjects plus one “backup”. State the level you will study at.

A language (English or Te Reo Maori) is compulsory in Year 12. (If taking Te Reo you must do English if you have not gained Level 1 literacy requirements). The appropriate English course will be selected for you based on your Year 11 work and results. If you choose Te Reo Maori you must meet the entry requirement of that level.

Year 12 students who have gained

- less than 40 credits need to do a complete Level 1 course
- between 40 – 60 credits can do two Level 2 (or three if they are at the higher end) subjects if they have achieved the pre requisites. The rest of their timetable should be at Level 1
- 60 – 80 credits must do two (or one if they are at the higher end) Level 1 course(s).
- 80 or more Level 1 credits can do a full Level 2 course

The above guidelines also apply to Year 13 students who have not gained Level 1 yet.

Your choices:

Please list your subjects in order of importance to you. **Complete all columns of the table.**

First Semester (Term 1 & 2)			Second Semester (Term 3 & 4)	
	Subject code	Level	Subject code	Level
1	ENGLISH		ENGLISH	
2				
3				
4				
5				
6				

Remember
You cannot choose both Gateway and Employment skills.
Unless subject teachers request or external results warrant no changes to course selection will occur in the first 6 weeks of term 1.

Back up Subject

7				
Is there a subject you would like to do that is not in the course book?			Interested in Trade Academy	Tick here

The Literacy component for University Entrance at Level 2 can be achieved in designated English or Te Reo Maori units.

Your course selection will be checked by either your Tutor teacher or Kaitiaki.

PHOTOGRAPHY 2 (2PHT)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Description Level 2 Photography is an introductory course leading to a folio using the darkroom and black and white processes.

The Arts

Assessment A number of internal assessments are available these play a supporting role to the folio which is externally assessed.

Pre-requisites Successful completion of NCEA Level 1 Art (1ART) or HOD discretion.
Note: it would be ideal for those students taking Photography to have the use of their own 35mm SLR camera.

Leads on to 3PHT.

Fees \$60 Photography

Achievement / Unit standards Assessed

Title	AS/US	Number	Level	Int. or Ext.	No of credits
Demonstrate basic black and white photography procedures and processes	US	9050	2	I	6
Generate and develop ideas using drawing processes and procedures in photography practice	AS	90477	2	I	6
Produce a body of work within photography to show understanding of art-making methods and ideas (Folio)	AS	90480	2	E	12
Total					24

VISUAL ARTS 2 (2ART)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Description Art is a progressive step up from Level 1.

The Arts

Assessment A number of internal assessments are available. These play a supporting role to the folio which is externally assessed.

Pre-requisites Successful completion of NCEA Level 1 Art (1ART) or HOD discretion.

Leads on to 3ART

Fees \$50 Painting

Achievement / Unit standards Assessed

Title	AS/US	Number	Level	Int. or Ext.	No of credits
Research and document methods and ideas in the context of a drawing study in painting	AS	90233	2	I	6
Generate and develop ideas using drawing processes and procedures in painting practice...	AS	90476	2	I	6
Produce a body of work within painting to show understanding of art-making methods and ideas (Folio)	AS	90479	2	E	12
Total					24

DRAMA 2 (2DRA)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Description This course develops students' understanding of dramatic elements, conventions, skills and processes.

The Arts

Assessment A range of internal assessment tasks will take place during the year. One External Achievement Standard will be assessed in an end of year three hour exam

Pre-requisites HOD approval required

Leads on to 3DRA

Fees Nil

Achievement / Unit Standards Assessed

Title	AS/ US	Number	Level	Int or Ext	No of credits
Apply drama techniques in an improvised group context	AS	90299	2	I	2
Apply drama techniques in a group within a scripted context	AS	90300	2	I	2
Use elements and conventions to structure, record and perform devised drama	AS	90301	2	I	4
Apply knowledge of drama / theatre of a form or period through performing a role in a presentation	AS	90302	2	I	5
Perform an acting, technical or production role in a significant production	AS	90303	2	I	6
Apply knowledge of, respond to and make judgements about drama processes and performance	AS	90304	2	E	5
Total					24

MAORI PERFORMING ARTS 2 (2MPA)



The Arts

Target Year Group	Year 12
Duration and Timing	One Timetable Block – Full Year Course
Description	Course includes the demonstration of knowledge of waiata, waiata-a-ringā, poi, haka and whakaraka through performance and research.
Assessment	Internally assessed during the year
Pre-requisites	HOD approval
Leads on to	3MPA
Fees	As required for trips

Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of Credits
Demonstrate knowledge and skills of waiata	US	13359	2	I	6
Demonstrate knowledge and skills of waiata-a-ringā	US	13363	2	I	6
Demonstrate knowledge and skills of poi	US	13367	2	I	7
Demonstrate knowledge and skills of haka	US	13371	2	I	6
Demonstrate knowledge and skills of whakaraka	US	15019	2	I	3
Total					28

MUSIC STUDIES 2 (2MUS)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Description Course includes Performance, Composition, Aural Skills, and Music Knowledge. The opportunity to complete some NCEA Level 1 Standards is available.

The Arts

Assessment Internal assessment during the year with external assessments at the end of the year.

Pre-requisites Those students who have successfully completed the NCEA Level 1 Music (1MUS) course or HOD approval.

Leads on to 3MUS

Fees \$50 for students receiving intinerant\$50 per year (\$12.50 per term) for those students receiving tuition from itinerant tutors.

Achievement standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Perform as a Soloist	AS	90264	2	I	5
Perform as a Group	AS	90265	2	I	3
Compose pieces of music	AS	90266	2	I	5
Create and Instrumentation	AS	90267	2	I	2
Demonstrate an understanding of the materials of music	AS	90269	2	E	2
Demonstrate knowledge and understanding of music works	AS	90270	2	I	5
Total					22



ENGLISH GENERAL 2 (2ENG)

Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Languages

Description This course covers the three strands – Written, Visual and Oral Language – covering creative and formal writing, reading, exploring, and thinking critically using a variety of written, oral and visual texts.

Assessment A range of internal assessment tasks will take place during the year. External Achievement Standards will be assessed in an end of year three hour exam.

Pre-requisites Successful completion of the NCEA Level 1 English programme. An external pass in one of AS 90054 (1.1), AS90055 (1.2) or AS 90056 (1.3).

Leads on to 3ENG

Fees Nil

Achievement / Unit Standards Assessed

Title	AS/ US	Number	Level	Int or Ext	No of credits
Analyse specified aspect(s) of studied written text(s) with supporting evidence	AS	2.1	2	E	4
Analyse specified aspect(s) of studied visual or oral text(s) with supporting evidence	AS	2.2	2	E	4
Analyse significant aspects of unfamiliar written text(s) through close reading, using supporting evidence.	AS	2.3	2	E	4
Produce a selection of crafted and controlled writing	AS	2.4	2	I	3
Create a crafted visual and verbal text	AS	2.6	2	I	3
Analyse significant connections across texts with supporting evidence.	AS	2.7	2	I	3
Analyse significant aspects of visual and/or oral text(s) through close viewing and/or listening using supporting evidence.	AS	2.10	2	I	3
Total					24

NB: Standards will be offered at the teacher's discretion based on the teacher's assessment of student ability, and in consultation with the student.

ENGLISH ELEMENTARY 2 (2ENE)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Course

Languages

Description This course covers the three strands – Written, Visual and Oral Language – covering creative and formal writing, reading, exploring, and thinking critically using a variety of written, oral and visual texts. It offers students the opportunity to focus their study and build practical communications skills.

Assessment A range of internal assessment tasks will take place during the year. No external achievement standards will be assessed.

Pre-requisites Completion of the NCEA Level 1 English (1ENG) programme.

Leads on to 2ENG or 3ENG

Fees Nil

Achievement / Unit Standards Assessed

Title	AS/ US	Number	Level	Int or Ext	No of credits
Construct and deliver a crafted and controlled oral text	AS	2.5	1	I	3
Create a crafted visual and verbal text	AS	2.6	2	I	3
Analyse significant connections across texts, with supporting evidence	AS	2.7	1	I	3
Form developed personal response to independently read texts, supported by evidence	AS	2.9	2	I	3
Analyse significant aspects of visual/oral text(s) through viewing and/or listening, using supporting evidence	AS	2.10	1	I	3
Total					15

NB: Standards will be offered at the teacher's discretion based on the teacher's assessment of student ability, and in consultation with the student. Standards in italics are Level 1 papers which may be offered to support the student's literacy requirements.

ENGLISH COMMUNICATION (2ENC)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Course

Languages

Description This course covers the three strands – Written, Visual and Oral Language – covering creative and formal writing, reading, exploring, and thinking critically using a variety of written, oral and visual texts. It offers students the opportunity to focus their study and build practical communications skills.

Assessment A range of internal assessment tasks will take place during the year. No external achievement standards will be assessed.

Pre-requisites Completion of the NCEA Level 1 English programme.

Leads on to 2ENE

Fees Nil

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Business report/memorandum	US	3488	2	I	6
Write a short report	US	3492	2	I	3
Select, read and assess texts	US	2989	2	I	3
Analyse significant aspects of visual/oral text(s) through viewing and/or listening, using supporting evidence	AS	2.10	2	I	3
Create a crafted visual and verbal text	AS	2.6	2	I	3
Describe aspects of one's lineage, heritage and cultural identity	US	12352	2	I	3
Total					21

MEDIA STUDIES 2 (2MED)



Languages

Target Year Group Year 12

Duration and Timing One Timetable Block - Full Year Course

Purpose To provide an opportunity for students to develop and explore an interest in newspaper, radio, television and film.

Description Media Studies is about the active exploration, analysis, creation, and enjoyment of the media and its products

Assessment A range of internal assessment tasks will take place during the year. External achievement standards will be offered to capable students.

Pre-requisites 12 credits at NCEA Level 1 English.

Fees \$10

Achievement / Unit Standards Assessed

Title	AS/ US	Number	Level	Int or Ext	No of credits
Close read unfamiliar media text.	2.2	90277	2	I	3
Demonstrate understanding of narrative conventions in media texts.	2.4	90280	2	I	3
Use technology in media production.	2.7	90282	2	I	3
Design and produce a media product and evaluate the process used to create the product.	2.6	90765	2	I	6
Demonstrate understanding of representation in the media.	2.3	90278	2	E	3
Describe the relationship between a media product and its target audience	2.1	90276	2	E	3

The course will focus on internals. Externals will only be offered to capable students. Access to technology (computer or library) will need to be timetabled in at least one period per week.

Total of 15 definite credits offered.

TE REO MAORI 2 (2MAO)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Languages

Description Comprises of internal and external components covering the skills of reading, writing, speaking and listening.

Assessment Three internal assessments will take place during the year. External Achievement Standards will be assessed in an end of year two hour exam.

Pre-requisites Those students who have successfully completed NCEA Level 1 Te Reo Maori (1MAO).

Leads on to 3MAO

Fees Nil

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Whakarongo i te reo o tona ao mohio	AS	90449	2	I	4
Korero i te reo o tona ao mohio	AS	90440	2	I	6
Panui i te reo o tona ao mohio	AS	90757	2	E	6
Tuhituhi i te reo o tona ao mohio	AS	90770	2	E	4
Hanga tuhinga i te reo o tona ao mohio	AS	90441	2	I	4
Total					24

PHYSICAL EDUCATION 2 (2PED)



Target Year Group Year 12

Duration and Timing Full Year

Physical Education

Description Students work toward NCEA Physical Education achievement standards at Level 7 of the New Zealand Curriculum. Through participation in a variety of movement contexts including: games, sport, exercise, outdoor recreation and adventure-based learning, students gain biophysical knowledge and understand how to apply these principles to improve physical and performance levels. Personal and social development is fostered by students learning to apply critical thinking, social responsibility, risk management and leadership skills when participating and taking action to promote physical activity for others in our school community.

Assessment A range of theory and practical internal assessment tasks will take place during the year.

Pre-requisites 15 credits in NCEA Level 1 Physical Education, including AS 90068, and Level 1 literacy requirement or HOD approval.

Leads on to 3PED, highly recommended

Fees Transport and fees for off-site practical assessments (to be advised).

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Demonstrate understanding of how biophysical principles relate to the learning of physical skills	AS	2.2	2	I	5
Demonstrate understanding of the application of biophysical principles to training for physical activity	AS	2.3	2	I	4
Perform a physical activity in an applied setting	AS	2.4	2	I	4
Demonstrate understanding of the implementation and outcome(s) of a physical activity event or opportunity	AS	2.9	2	I	3
Demonstrate personal and social development through ABL, low & high ropes activities	US	470, 473	2	I	6
Total Compulsory Pre-requisites for 3PED	Total				22
Demonstrate understanding of leadership strategies that contribute to the effective functioning of a group.	AS		2	I	4
Demonstrate understanding of the application of risk management strategies to a challenging outdoor activity	AS		2	I	3
Consistently demonstrate social responsibility through application of a social responsibility model in physical activity contexts	AS		2	I	3
2OPE (Outdoor Education) unit standards. See course booklet.					

PHYSICAL ACTIVITY, OUTDOOR RECREATION AND SPORT IN OUR COMMUNITY 2 (2RPE)



Target Year Group Year 12 and 13
Duration and Timing Full or **Half** Year Course

Description **Physical Education** Students work toward NCEA Physical Education achievement standards at level 7 of the New Zealand Curriculum. Participation in a variety of movement contexts including; games, sport, exercise, outdoor recreation and adventure-based learning, encourage students to focus on improving their physical skill and performance levels while fostering personal and social responsibility. The ‘Challenge by Choice’ options require students to apply biophysical principles, risk management and leadership skills when participating and taking action to promote physical activity for others in our school community.

Assessment A range of theory and practical internal assessments take place throughout the course.

Pre-requisites Nil

Qualification Level 2 SFRITO National Award in Outdoor Experiences

Leads on to 3PED

Fees \$25 Adventure based learning course
 \$100 - \$150 estimate per outdoor activity camp if selected.

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Perform a physical activity in an applied setting	AS	2.4	2	I	4
Consistently demonstrate social responsibility through application of a social responsibility model in physical activity contexts	AS	2.8	2	I	3
Demonstrate personal and social development through adventure based learning activities	US	470	2	I	3
<i>Students MUST also select at least ONE of the following Achievement Standards per semester/half year. Students also have the opportunity to gain credits in Level 2OPE Unit Standards and/or work independently toward gaining umpiring/refereeing/first aid /surf life-saving qualification. Achievement Standards marked ** plus 3 AS credits = Pre requisite for 3PE</i>					
**Demonstrate understanding of the application of biophysical principles to training for physical activity.	AS	2.3	1	I	1
Demonstrate understanding of the application of risk management strategies to a challenging outdoor activity	AS	2.7	2	I	1
Demonstrate understanding of leadership strategies that contribute to the effective functioning of a group	AS	2.6	2	I	3
Demonstrate understanding of the implementation and outcome(s) of a physical activity event or opportunity	AS	2.9	1	I	1
Total				Half Year Full Year	13+ 17-24

OUTDOOR PHYSICAL EDUCATION (2OPE)



Target Year Group Year 12 and 13

Duration Full or **Half** year

Description Students work toward SFRITO Outdoor Recreation unit standards and NCEA Physical Education achievement standards at level 7 of the New Zealand Curriculum. Participation is focused on improving physical skill and performance levels in a variety of outdoor pursuits and adventure-based learning activities. Personal and social development is fostered by students learning to apply social responsibility, risk management and leadership skills when participating and taking action to promote participation in outdoor physical activity.
NB: Course numbers are limited in the first semester and priority will be given to those students selecting the full year course.

Assessment A range of theory and practical internal assessments throughout the year.

Pre-requisites Ability to swim 200 metres unaided and demonstrate aquatic survival skills NCEA Level 1 Literacy requirement and/or HOD approval. Commitment to full attendance, teamwork, sourcing required clothing/equipment, and high standard of self-management

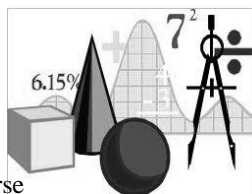
Qualification SFRITO National Award in Outdoor Experiences, NCEA Level 2 Physical Education.

Leads on to 3PED **Fees** \$300 per semester/half year

Title	AS/US	Number	Level	Int or Ext	No. of Credits
Consistently demonstrate social responsibility through application of a social responsibility model in outdoor physical activity contexts	AS	2.8	2	I	3
Roll a kayak	US	476	2	I	2
Demonstrate kayaking skills on Grade 2 water	US/AS	20121 or AS 2.4 (1)	2	I	4
Demonstrate rock climbing movement and the use of basic rope systems	US/AS	444,20157 or AS 2.4(2)	2	I	4
Experience camping below the snowline	US	426	2	I	3
Demonstrate understanding of the application of risk management strategies to a challenging outdoor activity	AS	2.7	2	I	3
Mountain bike on intermediate to expert terrain	US	457	2	I	2
Experience day tramps below the snowline	US	425	2	I	3
Demonstrate personal and social development through low & high ropes activities	US	470,473	2	I	6
Total					30

Students are also encouraged to choose one or more of the following; AS2.6, AS2.9, AS2.3 (see the previous page for more details on these standards) NB: 14 ** credits = Pre-requisites for 3PED

MATHEMATICS 2 (2MAX)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Description This course covers all strands and prepares students for **Mathematics** Level 3 Mathematics with Calculus and Level 3 Statistics and Modelling.

Assessment A range of internal assessment tasks will take place during the year. The standards offered will be Achievement Standards, but Unit Standards will be offered where appropriate. External Achievement Standards will be assessed in an end of year 3 hour exam.

Pre-requisites 16 x Level 1 credits (refer to Mathematics teacher). 11 of these credits must be from ALGEBRA, GRAPHING, STATISTICS AND TRIGONOMETRY. HOD's discretion may be sought.

Leads on to 3MAC and/or 3MAS.

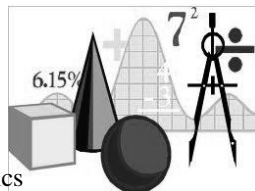
Fees Homework book - \$20.00 (approx.).

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Co-ordinate Geometry	AS	2.1	2	I	2
Graphing skills	AS	2.2	2	I	4
Algebra	AS	2.6	2	E	4
Calculus	AS	2.7	2	E	5
Statistics	AS	2.9	2	I	4
Probability	AS	2.12	2	E	4
Equations	AS	2.14	2	I	2
Total					25

MATHEMATICS 2 (2MAT)

Target Year Group Year 12



Mathematics

Students who wish to continue with mathematics into the senior school or need 14 Level 2 Mathematics credits for University Entrance.

Duration and Timing One Timetable Block - Full Year Course

Description This course offers credits from Achievement Standards according to students' understanding and needs.

Assessment A range of internal assessment tasks will take place during the year.

Pre-requisites Students must have successfully achieved a Level 1 Mathematics Course. Entry by HOD invitation

Leads on to This is a terminating course.

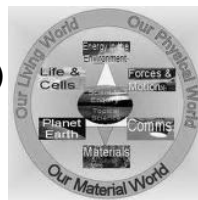
Fees Homework Book - \$15.00 (approx.)

Possible Achievement Standards to be assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Sequences and Series	AS	2.3	2	I	2
Trigonometry	AS	2.4	2	I	3
Networks	AS	2.5	2	I	2
Designing questionnaires	AS	2.8	2	I	3
Statistics	AS	2.10	2	I	3
Statistical reports	AS	2.11	2	I	2
Simulations	AS	2.13	2	I	2
Total (approximately)					17

Not all of these standards may be covered in the time available.

HORTICULTURAL SCIENCE 2 (2HOR)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Science

Description Students learn about modifying the environment for plant production, techniques used to modify soil water content to optimize primary production and manipulations to influence productivity in livestock or plants.

Assessment Two internal assessment tasks will take place during the Year (these are practical Achievement Standards). External Achievement Standards will be assessed in an end of year three hour exam.

Pre-requisites: Those students who have successfully completed the NCEA Level 1 Science (1SCI) or Horticulture course (1HOR) or HOD approval required.

Leads on to 3HOR

Fees As required for Field Trips.

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Carry out a practical investigation with supervision	AS	90450	2	I	4
Describe physical factors of the environment and techniques used to modify them for plant production	AS	90451	2	E	4
Describe how techniques used to modify soil water content optimize primary production	AS	90452	2	E	4
Describe modification of livestock reproduction or plant propagation to improve productivity	AS	90453	2	E	4
Describe manipulations to influence growth and development, and productivity, in livestock or plants	AS	90454	2	E	4
Describe and redesign landscaped sites	AS	90456	2	I	4

These assessments may be chosen as well as unit standards selected by the students.

AGRICULTURAL SCIENCE 2 (2AGR)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Science

Description Students learn about a wide range of important elements of modern Agriculture such as, animal husbandry, feed budgeting, farm machinery and health and safety on the farm.

Assessment A range of internal Unit Standards may be undertaken during the year. These will be chosen by negotiation with students to suit their needs and interests.

Pre-requisites: Those students who have successfully completed the NCEA Level 1 Science (1SCI) and /or Horticulture (1HOR) course or HOD approval required.

Leads on to 3AGR

Fees As required for Field Trips.

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Standards have yet to be confirmed. The standards offered in 2012 will be chosen in consultation with the student					

BIOLOGY 2 (2BIO)

Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course



Science

Description This course covers four aspects of Biology: investigating ecosystems and biodiversity; biotechnology and resource management; cell biology, genetics and evolution; plant and animal form and function.

Assessment External Achievement Standards will be assessed in an end of year 3 hour exam. Internal Achievement Standards and Unit Standards that support the externals will be assessed through the year.

Pre-requisites 12 credits in Science; 8 credits in English and Mathematics or Teacher in charge (TiC) approval

Leads on to 3BIO

Fees Course Manual \$25.00 and field trip costs.

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Carry out a practical biological investigation with supervision	AS	90457	2	I	3
Research the interactions between humans and an aspect of biology	AS	90769	2	I	3
Describe genetic variation and change	AS	90459	2	E	3
Investigate an interrelationship or pattern in an ecological population or community	AS	90460	2	I	3
Describe concepts and processes relating to ecology	AS	90461	2	E	3
Describe diversity in the structure and function of animals	AS	90462	2	E	3
Describe diversity in the structure and function of plants	AS	90463	2	E	3
Describe cell structure and function	AS	90464	2	E	3
Total					24

The following Unit Standards may be offered in this course depending on the needs of the students: 6308, 8925, 8926, 8927, 8928

CHEMISTRY 2 (2CHE)

Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Description Atomic structure, quantitative chemistry, organic chemistry, aqueous solution chemistry, inorganic chemistry.

Assessment Selected Unit Standards and Internal Assessment Achievement Standards will also be offered throughout this course. External Achievement Standards will be assessed in an end of year three hour exam.

Pre-requisites 12 credits in Science, 8 credits in Level 1 English and Mathematics or HOD approval.

Leads on to 3CHE

Fees Nil

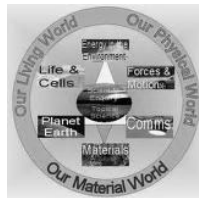


Science

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Acid-base volumetric analysis	AS	90306	2	I	3
Solving quantitative problems	AS	90763	2	I	3
Nature of structure and bonding	AS	90308	2	E	4
Organic functional groups	AS	90309	2	E	4
Thermochemistry & Equilibrium principles	AS	90310	2	E	4
Oxidation-reduction reactions	AS	90311	2	E	4
Total					21
Gravimetric analyses	US	8941	2	I	2
Acids & Bases	US	6338	2	I	3
Equilibrium systems	US	8942	2	I	2
Organic chemistry	US	8946	2	I	5
Enthalpy changes	US	8943	2	I	2
Chemical bonding	US	8944	2	I	3
Total					17

ELECTRONICS TECHNOLOGY 2 (2ELE)



Science

Target Year Group Year 12
Duration and Timing One Timetable Block – Full Year Course

Description An individualised learning programme for all students, providing, study practice and assessment in the following: introducing circuit concepts and measurement in electronics; knowledge of basic components; electronic systems; construction with a printed circuit board, and the production of an electronic product.

Assessment The National Certificate in Electronic Technology (NCET) Level 2 and the ETITO's, Electronics Certificate of Achievement (ECOA). Five, internal electronics Unit Standards will take place during the year. To be awarded the full NCET Level 2, students will also have to gain 16 Level 2 credits from the physics, chemistry, computing and mathematics domains.

Pre-requisites 16+ credits in Level 1 Mathematics (90147, 90148, 90149 required), or HOD approval

Leads on to NCET Level 3

Fees Materials: \$18, Certificate Fees: \$15 (to be verified)

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Demonstrate introductory knowledge of circuit concepts and measurements for electronics	US	18239	2	I	5
Demonstrate knowledge of basic electronic components	US	18240	2	I	5
Demonstrate knowledge of basic electronic systems	US	18241	2	I	5
Construct a simple printed circuit	US	18242	2	I	3
Construct simple electronic products from supplied circuit schematics	US	18243	2	I	6
Total					24

NB: Not all US listed above will offered in any one class in any given year. Standards will be offered at the teacher's discretion, in consultation with the class.

ENVIRONMENTAL STUDIES 2 (2EVS)



Science

Target Year Group	Year 12
Duration and Timing	One Timetable Block – Full Year Course
Description	This course studies the special characteristics of New Zealand’s plants and animals and management practices to ensure sustainability
Assessment	Students may select from a range of internally assessed Unit Standards. Achievement Standard assessments are optional.
Pre-requisites	Teacher in charge (TiC) approval
Leads on to	3EVS
Fees	Fieldwork, EVS Biozone book and internet access.

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Evaluate practices used for managing a resource to ensure ecological sustainability	US	6309	2	I	4
Explain reasons for the special characteristics of New Zealand’s flora and fauna.	US	6311	2	I	3
Identify biological community interrelationships and patterns through investigation.	US	8930	2	I	3
Demonstrate knowledge of and apply sustainable management practices.	US	18663	2	I	4
Total					14

PHYSICS 2 (2PHY)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Description A foundation physics course studying: Mechanics; Light; Waves; Electricity; Electro-magnetism; Atomic and Nuclear Physics and practical and problem solving skills.

Assessment Two internal Achievement Standards may take place during the year. External Achievement Standards will be assessed in an end of year, three hour exam.

Pre-requisites 16+ credits in Level 1 Mathematics required and Level 1 Science AS90040.

Leads on to 3PHY

Fees \$25 write on workbook.

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Measurement and analysis of physical quantities to determine a relationship.	AS	90252	2	I	4
Demonstrate an understanding of wave phenomena	AS	90254	2	E	4
Demonstrate an understanding of mechanics	AS	90255	2	E	6
Demonstrate an understanding of atoms and radioactivity	AS	90256	2	E	2
Demonstrate an understanding of electricity and electromagnetism	AS	90257	2	E	5
Demonstrate an understanding of physics in an integrated context.	AS	90258	2	I	3

NB: Not all AS listed above will offered in any one class in any given year. Standards will be offered at the teacher's discretion, in consultation with the class.

HISTORY 2 (2HIS)



Social Sciences

Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Description Topics studies are by negotiation to suit the class. This is a Level 2 course but Level 1 and 3 topics are also available. Thirteen credits available internally. The NZ curriculum alignment of History topics will be in place.

Assessment A range of internal assessment tasks will take place during the year. External Achievement Standards will be assessed in an end of year three hour exam.

Pre-requisites It is preferable that students have completed a NCEA Level 1 Humanities subject (History, Geography or Social Studies) and have demonstrated good literacy skills, or by HOD approval.

Leads on to 3HIS

Fees Field work

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Plan and carry out Historical Research	AS	90465	2	I	4
Communicate Historical Ideas	AS	90466	2	I	4
Interpret Historical Sources	AS	90467	2	E	4
Understanding differing perspectives	AS	90468	2	I	4
How a Force or Movement influenced peoples' lives	AS	90469	2	E	4
Examine group or individual identity in a historical setting	AS	90470	2	E	4
Total					24

GEOGRAPHY 2 (2GEO)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Social Sciences

Description This is a 24 credit course of which 11 are internally assessed. There are seven course topics. Focus is people in Environments: natural, urban and global. The NZ curriculum alignment of Geography topics will be in place.

Assessment A range of internal assessment tasks will take place during the year. External Achievement Standards will be assessed in an end of year three hour exam.

Pre-requisites It is preferable that students have completed a NCEA Level 1 Humanities subject (History, Geography or Social Studies) and have demonstrated good literacy skills, or by HOD approval.

Leads on to 3GEO

Fees Field Work

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Natural Landscapes	AS	90331	2	E	3
Urban Settlements	AS	90332	2	E	3
Development Disparities	AS	90333	2	E	3
Skills	AS	90334	2	E	4
Geographic Research	AS	90335	2	I	5
Geographic Issue	AS	90336	2	I	3
Global Study	AS	90337	2	I	3
Total					24

SOCIAL STUDIES 2 (2SSS)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Social Sciences

Description This course will consist of mainly locally based topics or topics of New Zealand wide interest. The course will be suitable for less able students. The NZ curriculum alignment of Social Studies will be in place.

Assessment A range of internal assessed Achievement Standard tasks will take place during the year. Students can opt for External assessments

Pre-requisites Open Entry

Leads on to 3SSS

Fees Fieldwork

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Conduct a Social Studies Inquiry	AS	90273	2	I	6
Examine differing values positions	AS	90274	2	I	4
Decide on (and take) Social Action	AS	90275	2	I	4
Describe the effect of an aspect of society on people	AS	90271	2	E	5
Describe how peoples actions influence society	AS	90272	2	E	5
Total					24

TOURISM 2 (2TOU)



Target Year Group Year 12 and 13

Duration and Timing One Timetable Block – Full Year Course

Social Sciences

Description This is a two year course broken into Part 1 and Part 2. You will be working with the George Seymour College of Tourism and Travel material. There is a greater range of teacher – student interaction in this material. In Part one the focus will be on Level 2 standards on a topic by topic basis. In Part 2 (Year 13), the focus will be on Level 3 credits. You can enter the course at Year 13 for the Level 3 work.

Assessment Unit Standards

Pre-requisites Students needs to demonstrate a career/employment interest in the Tourism field. You may be interviewed to check your suitability for the course.

Leads on to Level 4 at a Tertiary Provider for Tourism based courses or Tourism at University levels.

Fees Fieldwork

Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
The first five units are compulsory					
Demonstrate knowledge of work roles in Tourism	US	24728	2	I	3
Demonstrate knowledge of world tourist destinations	US	24729	2	I	4
Demonstrate knowledge of the business of Tourism	US	24730	2	I	4
Demonstrate knowledge of destination New Zealand	US	24731	2	I	4
Demonstrate knowledge of tourist characteristics and needs	US	24732	2	I	3
A selection from					
Demonstrate knowledge of and use the internet in a tourism workplace	US	23767	2	I	2
Describe and compare social and cultural impacts of tourism	US	24726	2	I	3
Demonstrate knowledge of the history of tourism	US	24724	2	I	4
Describe and compare impacts of tourism on the physical environment	US	24726	2	I	3
Perform calculations for a tourism workplace	US	18237	2	I	3
Total					33

TECHNOLOGY FABRIC 2 (2TCF)



Target Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Technology

Description This course is continuing the development of the students design skills within the Technology curriculum, while still targeting the skills required for construction of projects. Projects are assigned each term and the student’s work together to develop the skills for moving up to the next paper.

Leads on to Level 3 Technology Fabric (3TCF)

Pre-requisites Pass at NCEA Level 1 TCF in 50% of the standards offered plus HOD approval.

Fees \$80 per year.
All fabrics and patterns are to be supplied by the school. Fees need to be paid at the beginning of the term.

Project and Assessments

Title	AS/US	Number	Level	Int or Ext	No of credits
<p>These standards are still under development by NZQA. Choice of topics will be in consultation with the student’s dependent on their ability. They will be expected to sit at least one external assessment.</p>					

TECHNOLOGY FOOD (2TCN)



Target Group Year 12

Duration and Timing One Timetable Block – Full Year Course.

Technology

Description This course is developing the students design skills within the Technology curriculum, while still targeting the skills required for construction of projects. Projects are assigned each term and range from household items to basic garment construction. Some NCEA papers may be sat to gain the basic credits.

Leads on to Level 3 Technology Food (3TCN)

Pre-requisites Pass at NCEA Level 1 TCN in 50% of the standards offered plus HOD approval.

Fees \$20 per term
All supplies are provided by the school from the subject fees.

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Development of food products	AS		2	I	5
Nutritional concern for a targeted group	AS	90243	2	I	4
Vegetarian foods (external)	AS	90244	2	E	4
Food choices and how the living environment affects it.	AS	90241	2	I	4
Total					17

HOSPITALITY (2HOS)



Duration and Timing A years course of five periods per week.

Technology

Description This is an industry pre-training course for Chef School or Hospitality work. It is more advanced in food preparation and service. The students will be expected to cater as part of this course.

Assessment Assessment are assessed internally. They must be passed in both the theory and practical (twice) gain an Achieved grade

Leads on to Level 3 Hospitality, Chef training, hospitality careers.

Fees \$120 per year. Includes booklets. \$30 must be paid at the beginning of each term.

Pre-requisites HOD approval

Title	AS/US	Number	Level	Int or Ext	No of credits
Handle and maintain knives in a commercial kitchen	US	13285	2	I	2
Prepare and present salads for service	US	13283	2	I	2
Prepare and present basic sandwiches for service	US	13281	2	I	2
Clean food production area and equipment	US	13284	2	I	2
Food hygiene	US	167167	2	I	4
Cook food items by baking	US	13272	2	I	2
Coffee Appreciation Certificate	US	17285	2	I	4
Prepare and present filtered coffee for service	US	17287	2	I	2
Prepare and present teas for service	US	22428	2	I	2
Total					22

TECHNOLOGY GRAPHICS 2 (2GAD)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Technology

Description This course extends the students skill level and understanding of the design process, instrumental drawing, and a range of modes and media techniques used in graphic communication.

Assessment A range of internal assessment tasks will take place during the year. External Achievement Standards will be sent off for external moderation at the beginning of Term four.

Pre-requisites Those students who have successfully completed the NCEA Level 1 Graphics (1GAD) course by achieving a minimum of 12 credits and, or, with HOD approval.

Leads on to NCEA Level 3 Graphics (3GAD)

Fees \$22.50 per term

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Produce 2D and 3D freehand sketches to...	AS	90318	2	E	3
Produce 2D instrumental drawings	AS	90319	2	E	3
Produce 3D instrumental drawings	AS	90320	2	E	3
Describe and explain design and it's implications for society.	AS	90321	2	E	3
Produce a mock-up and model to explore ideas	AS	90322	2	I	3
Design and present an architectural/environmental solution	AS	90323	2	I	3
Design and present an engineering/technological solution	AS	90324	2	I	3
Design and present a media/ technical illustration solution	AS	90325	2	I	3
Total					24

TECHNOLOGY MECHANICAL ENGINEERING (2TMEA)



Technology

Target Year Group Year 12

Description This course is made up of Competenz ITO Unit Standards in Engineering. It encourages students to make design solutions using a variety of skills, materials and projects. It also includes skill building and skill development for careers in engineering and related industries. Also it can lead to a National Certificate in Mechanical Engineering Technology Level 2 if students obtain a total of 40 credits in other approved areas of learning.

Assessment A range of internal assessment tasks using Unit Standards, will take place during the year.

Pre-requisites Those students who have successfully completed the NCEA Level 1 Technology Metal (1TCM) course and achieve a minimum of 12 credits or HOD approval required.

Leads on to NCEA Level 3 Technology Construction and Materials (3TME).

Fees \$22.50 per term

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Engineering hand tools	US	2395	2	I	4
Engineering sketching	US	2430	2	I	4
Simple measuring devices	US	2433	2	I	2
Engineering plane geometrical shapes	US	4432	2	I	3
Engineering measuring equipment	US	4435	2	I	3
Engineering marking out tools	US	4436	2	I	4
Engineering trade calculation	US	21905	2	I	4
Engineering worksite safety	US	21911	2	I	1
Engineering materials	US	20917	2	I	2
Total					27

TECHNOLOGY MECHANICAL ENGINEERING (2TMEB)



Target Year Group Year 13

Technology

Description This course is a continuation from year 12 and is made up of ITO Unit Standards in Mechanical Engineering Technology. It encourages students to make design solutions using a variety of skills, materials and projects. It also includes skill building and skill development for careers in general engineering and related industries.
This course can lead to a National Certificate in Mechanical Engineering Technology (NZMET) Level 2 over two years (Year 12 and 13). Students need to obtain a total of 62 credits in approved U.S. and other areas of learning.

Assessment A range of internal assessment tasks using ITO Unit Standards, will take place during the year. The student will need to present a completed product and associated theory tasks.

Pre-requisites Those students who have successfully completed the NCEA Level 1 Technology Mechanical Engineering (1TME) course and achieve a minimum of 12 credits and, or, with HOD approval.

Leads on to The award of NCMET2 and pre-trade apprenticeships or NCEA Level 3 Construction and Materials Technologies (3TME)

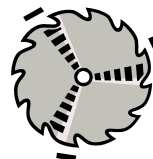
Fees **\$100 for materials**

Note: A Student who has not paid the relevant fees for materials will not be permitted to take the ‘Gear Knob’ or any product home.

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Perform basic fabrication operations under supervision	US	25075	2	I	12
Demonstrate basic knowledge of engineering materials.	US	20799	2	I	4
Perform basic mechanical engineering machining operations under supervision.	US	21906	2	I	12
Demonstrate knowledge of Engineering trade mechanics.	US	21908	2	I	2
Demonstrate knowledge of Fasteners used in Mechanical Engineering.	US	21909	2	I	1
Demonstrate knowledge of Safety on Engineering Worksites.	US	21911	2	I	1
Shift Loads in engineering installation, maintenance and fabrication work.	US	21913	2	I	2

TECHNOLOGY WOOD 2TBCA



Technology

Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Description This course is made up of Unit Standards. It encourages students to make design solutions using a variety of skills, materials and projects. It also includes skill building and skill development for careers in wood related industries. In undertaking this course students will be working towards completing the first half of the required Unit Standards needed to gain a National Certificate in Building, Construction, and Allied Trades (BCATS) Level 2. This is the first of 2 years of study.

Assessment A range of internal assessment tasks using Unit Standards, will take place during the year.

Pre-requisites Those students who have successfully completed the NCEA Level 1 Technology Wood (1TCW) course and achieved a minimum of 12 credits or HOD approval required.

Leads on to NCEA Level 2 Technology Wood part B (2TBCB)

Fees \$22.50 per term

Achievement/Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Knowledge of safe working practices	US	24354	2	I	4
Identify, select, use and maintain hand tools	US	12927	2	I	6
Identify, select, use and maintain power tools	US	24350	2	I	6
Construct timber garden furniture and items of basic construction	US	12932	2	I	8
Total					24

TECHNOLOGY WOOD 2TBCB



Target Year Group Year 13

Duration and Timing One Timetable Block – Full Year Course

Technology

Description This course is made up of Unit Standards. It encourages students to make design solutions using a variety of skills, materials and projects. It also includes skill building and skill development for careers in wood related industries. In undertaking this course students will be working towards the completion of the Unit Standards needed to gain a National Certificate in Building, Construction and Allied Trades (BCATS) Level 2.

Assessment A range of internal assessment tasks using Unit Standards, will take place during the year.

Pre-requisites Those students who have successfully completed the NCEA Level 2 Technology Wood part A (2TBCA) course and achieve a minimum of 12 credits or HOD approval required.

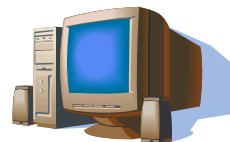
Leads on to Tertiary or Apprenticeship training.

Fees \$25.00 per term

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Knowledge of and use specified fixed machinery.	US	24351	2	I	6
Knowledge of and create sketches and drawings.	US	24353	2	I	6
Receive instructions and communicate information.	US	24357	2	I	4
Plan and monitor construction of a project and quality check product.	US	24358	2	I	2
Total					18

ACCOUNTING 2 (2ACC)

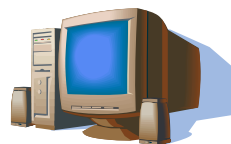


Target Year Group	Year 12
Duration and Timing	One Timetable Block – Full Year Course
Description	<p>To enable students to take an effective part in economic activity and contribute to future well-being.</p> <p>To help students to understand why and how groups and communities make decisions about the use of scarce resources.</p> <p>To provide a foundation for further study at a higher level.</p>
Assessment	A range of internal assessment tasks will take place during the year. External Achievement Standards will be assessed in an end of year three hour exam
Pre-requisites	NCEA Level 1 Accounting or HOD discretion
Qualification	Cross Credit to NZIM Certificate in Management paper 808 Introduction to Accounting
Leads on to	<p>NCEA Level 3 Accounting (3ACC)</p> <p>NZIM Certificate in Management</p> <p>Diploma in Business</p>
Fees	If student wishes to cross credit to NZIM Certificate in Management (paper 808 Introduction to Accounting) there is a fee of approximately \$30 to be paid to NZIM

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Describe the conceptual basis of accounting for a sole proprietor	AS	90220	2	E	3
Investigate and report on accounting subsystems	AS	90222	2	I	4
Demonstrate understanding of accounting processes for accounting subsystems	AS	90223	2	E	5
Prepare financial statements and related accounting entries for sole proprietors	AS	90224	2	E	5
Analyse and interpret information and make recommendation(s) for a sole proprietor	AS	90225	2	E	4
Use computer software to process financial transactions for a sole proprietor	AS	90226	2	I	3

ECONOMICS 2 (2ECO)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course **Business Studies**

Description This course will give you a useful insight into the operation of the market system, government intervention and the overall working of the economy with effects of government policy. This course focuses on macroeconomics and the concepts of aggregate economic activity

Assessment A range of internal assessment tasks will take place during the year. External Achievement Standards will be assessed in an end of year 3 hour exam

Pre-requisites Nil, although completion of NCEA Level 1 Economics course is preferred. Students also need to have the appropriate literacy and numeracy skills.

Qualification Cross credit to NZIM Certificate in Management paper 806 – Applied Economics

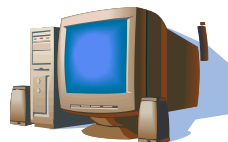
Leads on to NCEA Level 3 Economics
NZIM Certificate in Management
Diploma in Business

Fees If student wishes to cross credit to NZIM Certificate in Management (paper 806 Applied Economics) there is a fee of \$20.25 to be paid to NZIM.

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Describe inflation and its causes and effects using economic models	AS	90794	2	E	4
Describe international trade and its causes and effects using economic models	AS	90795	2	E	4
Describe economic growth and its causes and effects using economic models	AS	90796	2	E	4
Process, present and analyses statistical data in relation to given economic issues	AS	90797	2	I	6
Describe government policies in relation to economic issues	AS	90758	2	E	6
Total					24

INFORMATION AND COMMUNICATIONS TECHNOLOGY 2 (2ICT)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Course

Business Studies

Description The course includes basic computer use managing and protecting data, spreadsheets, databases, internet, and creating and designing web pages.

Assessment A range of internal assessment task will take place during the year. The course is individualized so students undertake assessments when necessary pre-learning has taken place.

Pre-requisites HOD or students having completed Level 1 Computing

Qualification Can lead to the National Certificate in Computing (Level 2)

Leads on to National Certificates at Level 3, Polytechnic courses

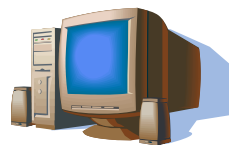
Fees Printing and Internet connection.

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Manage and protect data in a personal computer system	US	2781	2	I	3
Demonstrate knowledge of the components of personal computer systems	US	2783	2	I	3
Create and use a computer spreadsheet to solve a problem	US	2794	2	I	3
Create and use a computer database to solve a problem	US	2786	2	I	3
Produce desktop published documents to meet a set brief	US	2788	2	I	5
Use and maintain personal computer peripherals	US	2790	2	I	3
Integrate spreadsheet and database data into a word processed document to meet a set brief	US	2791	2	I	3
Produce a presentation using a desktop presentation computer application	US	5940	2	I	3
Produce schematic diagrams using a computer application	US	5957	2	I	2
Demonstrate an understanding of ergonomic principles for computer workstations	US	6743	2	I	2
Use the Internet for information retrieval in an organisation	US	20332	2	I	3
Create a website using a dedicated web-authoring tool to meet a set brief	US	25655	2	I	3
Create a website using a mark-up language to meet a set brief	US	25656	2	I	3
Use digital communications technologies	US	25662	2	I	3

Other units available – see the Business Studies web pages.

DIGITAL TECHNOLOGIES 2 (2DTC)



Target Year Group Year 12

Duration and Timing One Timetable Block – Full Year Course

Business Studies

Description This course enables students to achieve Level 2 Achievement Standards credits and obtain a course endorsement in Digital Technologies. The course could include components from Electronics & controls, Programming & software (Computer Science), Business technology (Digital Information), Digital media, Digital environments & systems (Digital infrastructure), Digital society, Digital concepts & tools.

Assessment A range of internal assessment tasks will take place during the year. External Achievement Standards will be assessed in an end of year. The course is not individualised so students undertake assessments at set times. This course is designed for Academic Students wishing to further their education in areas of Digital Technology at higher education. Students will be expected to do a minimum of ONE external standard.

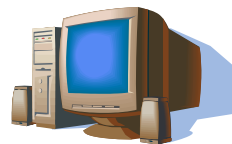
Pre-requisites Students should have undertaken a Digital Technology course at Level 1 but students who have achieved success in other technology subject at Level 1 may undertake this course. Students who have had success at Level I Information and Communications Technology any also undertake this subject.

Leads on to Level 3 Digital Technologies/Information and Communication Technology

Fees Printing and Internet connection.

Title	AS/US	Number	Level	Int or Ext	No of credits
Demonstrate understanding of advanced concepts of information management	AS	DT 2.40	2	E	3
Implement advanced procedures to produce a specified digital information outcome	AS	DT 2.41	2	I	4
Construct a modular algorithmic structure for an	AS	DT 2.45	2	I	3
Construct an advanced computer programme for a specified task	AS	DT 2.46	2	I	3
Implement advanced procedures to produce a	AS	DT 2.41	2	I	3
Demonstrate understanding of local area network	AS	DT 2.50	2	E	3
Demonstrate understanding of the advanced concepts of digital media	AS	DT 2.42	2	I	3
Total					22

CERTIFICATE IN OFFICE ADMINISTRATION (2ADM)



Target Year Group	Year 12 and 13	
Duration and Timing	One Timetable Blocks – Full Year Course	Business Studies
Description	This course prepares the student for entry into the workforce within an office/administrative environment.	
Assessment	A range of internal assessment tasks will take place during the year.	
Leads on to	National Certificate in Business Administration Level 2	
Pre-requisites	Nil	
Qualification	NCEA Level 1 and 2	
Fees	Printing and internet connection	

Unit Standards Assessed

Title	US Number	Level	No. of credits
Core Generic			
Demonstrate care and timeliness as an employee	4249	1	3
Produce a plan for own future directions	10781	2	3
Demonstrate time management	12349	2	3
Business Administration			
Develop and use keyboarding skills to enter text	101	1	3
Use a word processor to produce documents	111	2	5
Key in text at 25 words per minute (wpm)	16678	1	1
Document business transactions	327	2	4
Use office administration and communication systems	121	2	5
Computing / Information Management			
Produce simple desktop published documents using templates	2792	1	2
Produce a spreadsheet from instructions using supplied data	18743	1	2
Enter and manage text for generic text and information management	12883	1	3
Accounting / Service Sector Skills			
Manage Personal Finances	7364	1	3
Process financial information using a cash-based system	7363	1	3
Attend to customer enquiries face-to-face and on the telephone	56	1	2
Maintain personal presentation in the workplace	62	2	2
Perform calculations for the workplace	64	1	2
Level 1 total credits 24		Level 2 total credits 22	
Optional – Business Information Processing			
Write at 40 words per minute and transcribe notes to produce required information	115	1	10
Write shorthand at 60 words per minute and transcribe to produce required information	116	2	10

Other Unit Standards may be available on request



Vocational

EMPLOYMENT SKILLS 2 (2ESK)

Target Year Group Year 12

Duration and Timing One Timetable Block – Full or Half Year Course

Description This course aims to provide basic skills required by the NZ employers' federation.

Assessment A range of internally assessed Unit Standard tasks will take place during the year. Can lead to a National Certificate in Employment Skills Level 1

Pre-requisites Teacher in charge (TiC) approval

Leads on to Other National Certificates

Fees Nil

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Demonstrate knowledge of problem solving techniques	US	7123	2	I	2
Identify basic employment rights and responsibilities	US	1978	1	I	2
Demonstrate care and timeliness as an employee	US	4249	1	I	3
Protect health and safety in the workplace	US	497	1	I	3
Be assertive in a range of specific situations	US	1299	2	I	4
Communicate with people from other cultures	US	1304	2	I	2
Participate in a team or group to complete routine tasks	US	3503	1	I	2
Solve problems which require calculation with whole numbers	US	8489	1	I	2
Solve problems with numbers expressed in different forms	US	8490	1	I	2
Read and interpret information presented in tables and graphs	US	8491	1	I	2
Produce a plan for own future directions	US	10781	2	I	3
Develop and use keyboarding skills to enter data	US	101	1	I	3
Communicate information in a specific workplace	US	1277	2	I	3
Total					33

DRIVERS EDUCATION 2 (2DRE)



Target Year Group Year 12

Duration and Timing One Timetable Block – Half year course

Description Driver Education teaches the skills, knowledge and attitudes to enhance safety and competence of drivers in New Zealand roads.

Assessment Internal Unit Standards

Pre-requisites A mature attitude and a willingness to participate.

Leads on to Terminating course

Fees Nil

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Demonstrate knowledge of traffic law for the purpose of safe driving	US	3462	2	I	3
Demonstrate procedures when a light motor vehicle has broken down	US	20969	1	I	2
Describe driving hazards and risk reduction responses to driving hazards.	US	3465	2	I	3
NZ graduated licencing system	US	17563	2	I	3
Factors contributing to and consequences of road crashes.	US	3472	2	I	1
Light motor vehicle safety	US	17458	2	I	2
Safe night driving	US	17677	2	I	2
Demonstrate knowledge of stress, health, and fatigue for driving.	US	1734	2	I	3
Total					19

GATEWAY 2 (2GWY)



Vocational

Target Year Group Year 12 and 13

Duration and Timing In 2012 2GWY will be a timetabled class. However, students may be offered units of learning and work experience through the Gateway programme in terms 2 and 3 even if they do not choose 2GWY as a class for the year.

Description Gateway is a work placement programme that enables students to experience an industry or job they are interested in. They also complete unit standards relevant to the work placement. **The work experience may be arranged outside school hours in order to minimise the loss of learning time.**

Assessment A core of unit standards will be offered, some of which must be achieved before the student commences the work placement.

Pre-requisites Students should have a minimum of 40 level 1 NCEA credits and should have achieved Level 1 literacy and numeracy.

Prior to acceptance into the subject, the student will be interviewed and expected to have some knowledge of their career plans

For further information or to apply please see the Gateway Co-coordinator – Mr. Bennett.

Leads on to Credits can be directed towards vocational qualifications and NCEA. Standards may be obtained from Polytechnic based courses in Year 13 to build on the Gateway foundation.

Fees Nil

Achievement / Unit Standards Assessed

Title	AS/US	Number	Level	Int or Ext	No of credits
Prepare a CV	US	504	1	I	2
Prepare a plan for own future directions	US	10781	2	I	3
Demonstrate knowledge of emergency procedures	US	3548	2	I	2
Demonstrate safe working practices in an automotive workshop	US	16113	2	I	2
Further units will be offered based on the nature of the work placement					

TRADE ACADEMY



Vocational

Target Year Group Year 12

Duration and Timing This course runs for the whole year. One day a week for Year 12 and two days a week for Year 13. Students, who join the course in Year 12, must commit to continue in the programme for two years. That is, they must continue their learning at both the College and at the Academy through to the end of Year 13.

Description Students interested in obtaining a National Certificate in a trade, may apply for enrolment in the Eastern Bay of Plenty Trades Academy. The Academy is a partnership run by all the secondary schools in the Eastern BOP and Waiariki Polytechnic.

Assessment Internal Unit Standards

Pre-requisites Students should have at least 40 level 1 NCEA credits and to have achieved Level 1 literacy and numeracy. Prior knowledge in the subject area is an advantage, but not essential. An established record of good attendance is essential. For further information or to apply please see Mr. Bennett.

Indicate your interest in being selected but do not choose Trade Academy as one of your subjects.

Outcome Students will gain a national certificate in the particular trade, which will provide them with entry requirements to an apprenticeship or further polytechnic study. The credits gained in the process, will also help them build their credit total counting towards NCEA level 2 or 3.

Fees Nil

Courses In 2012, the areas of training being offered are likely to be:

Agriculture	Electrical
Hair dressing	Business Administration
Hospitality	Forestry
Building and Construction	Automotive

CORRESPONDENCE

Subjects which have too few students to form a class may still be studied with learning materials being supplied by Te Kura, the Correspondence School.

As New Zealand's largest school, the Correspondence School offers many other subjects for which local secondary schools are not resourced. If a student has a particular interest in a subject not included in this booklet, they should contact the College's Correspondence School coordinator, Mr. Bennett.

To be considered for learning by correspondence students must have established a good record of self- management and have good reasons for choosing the subject.

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Quick Find –Level 2

Half-Year Courses

- two half year courses need to be selected for one choice. Open to Y12 and Y13

Information and Communications Technology (2ICT)

Employment Skills 2 (2ESK)

Outdoor Physical Education 2 (2RPE) – **2nd half of the year/semester**

Driver Education (2DRE)

Trade Academy – See Mr Bennett if you are interested in applying for this course.

Last up-date 25/08/2011