

LYNFIELD COLLEGE



SENIOR COURSE INFORMATION BOOKLET

COURSE SELECTION FOR
2007

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MAKING CHOICES

This booklet provides a guide to planning your course for next year and into the future. Today's society is changing rapidly and so are the range and requirements of careers. It is important for you to prepare yourself by making choices that are as wide as possible. To do this, you need to follow a few guidelines –

- Keep your options open – choose a spread of courses.
- Do something you like and in which you are interested.
- Do something you know you are good at.
- Discuss your options with your parents, teachers, Dean, etc.
- Consider what you will be studying in the future.
- You may have a career in mind. Check that you are on the right path with the careers' advisor in the guidance centre. (This is open during normal school hours, ie 8 30am to 3 30pm, including lunchtime.)

Procedure:

1. Read this Senior Course Information Booklet.
2. If you have any questions about a course or you are uncertain about your ability to complete the year's work, talk to the teacher responsible for that course, your own course teacher or Dean.
3. Check the prior study required (prerequisites) for courses you may wish to study – make sure that you meet the requirements – both now or in the future.
4. Check that the course leads on to the path you may wish to follow in the future – especially if you wish to go to University where there are credits requirements from certain lists of courses (see pages 3 and 4 below.)
5. Check that you can comply with any special features of the course, ie costs, fieldwork, flexi hours etc
6. Read the section that applies to your level, over the next few pages.
7. Complete the Course Selection Form for your year level and hand it in to your Form Teacher -
Year 11 and 12 by **Thursday 17 August, 2006.**
Year 10 by **Friday 1 September, 2006.**

- Not all courses offered will run. It will depend on the numbers and the staffing available.
- Due to the pressure on specialist rooms and the nature of some courses, some classes will be taught outside the normal school timetable. ie flexi-hours. Agreement with this will be necessary before starting the course.
- Your initial choices will be checked by the Faculty Managers who may recommend changes to place you in the most suitable option course or option line.
- It is important to remember that we do our best to meet your choices, but that is not always possible.
- Some students may need to make alternative course choices. Your Dean will advise you.
- If you have any questions about the final timetable and option choices see Mr. Black.
- Select carefully as it can be difficult to change courses later. If, after getting your results in January you do wish to change, see your Dean in the last few days of the holidays. Don't wait until the 2007 school year has started. The Deans will be available from 1 February 2007

Faculty Managers:

Arts (ART)	Ms Ankersmit	B block - Arts Office
Business (BUS)	Mr Suckling	G block – downstairs (Bus. Office)
Languages (LAN)	Mrs Buetow	F block – English Resource Room
Mathematics (MAT)	Mr McLennan	G block – upstairs Maths Office
Health & Physical Education (PHE)	Mr Angus	PE Office – New Gym
Science (SCI)	Mr Wagner	F3/F4 – Science Office
Social Sciences (SSC)	Mr Deverell	B16 – Social Science Office
Student Services (STS)	Mrs Lange	Student Services
Technology (TEC)	Mrs Townsend	D block – Teachers' Room

QUALIFICATIONS:

NCEA: National Certificate of Educational Achievement

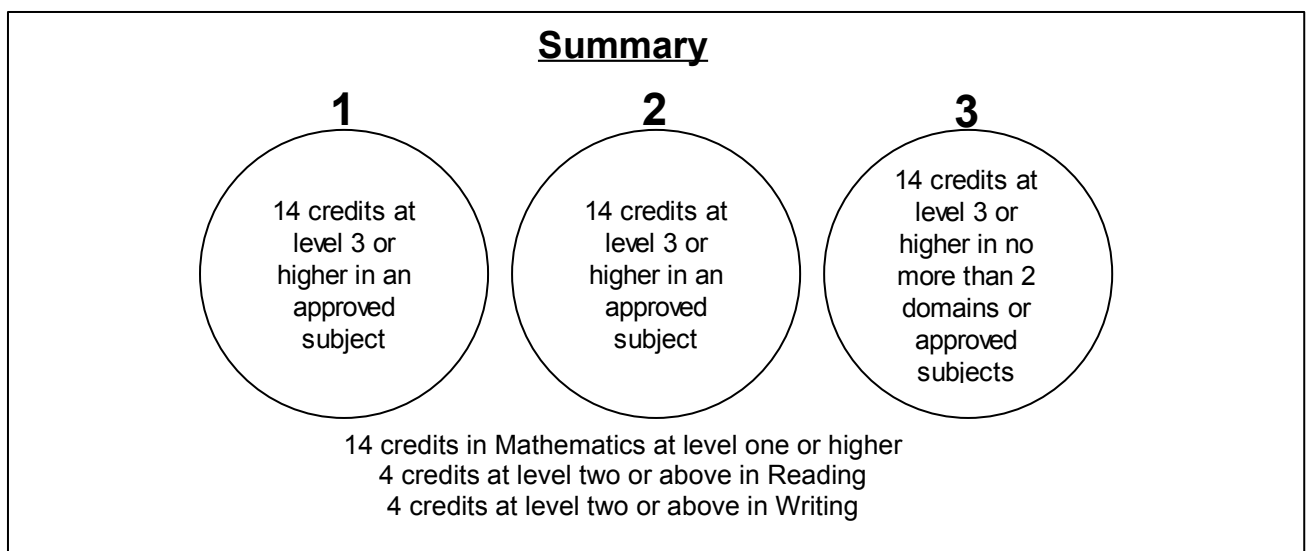
Credits required for a certificate:

Level 1	80 credits at level 1	8 credits in literacy, 8 credits in numeracy
Level 2	80 credits	At least 60 credits from level 2 + 20 credits from Level 1
Level 3	80 credits	At least 60 credits from level 3 + 20 credits from Level 2

UNIVERSITY ENTRANCE:

You will qualify for entrance to a University in New Zealand if you have:

- a minimum of 42 credits at level 3 or higher on the National Qualifications Framework, including a minimum of 14 credits at level 3 or higher in each of two subjects from an approved subject list (see below), with a further 14 credits at level 3 or higher taken from no more than two additional domains on the National Qualifications Framework or approved subjects.
- a minimum of 14 credits at level 1 or higher in Mathematics or Pangarau on the National Qualifications Framework.
- a minimum of 8 credits at level 2 or higher in English or Te Reo Maori; 4 credits must be in Reading and 4 credits must be in Writing. The literacy credits will be selected from a schedule of approved achievement standards and unit standards.



Approved subjects:

APPROVED SUBJECT AREAS:

The list of approved subjects for entrance to university (NZQA 2006).

At least two subjects used for the University Entrance qualification must be from this list (as shown in circles 1 & 2 on page 3) – the third may be from any subject or combination of subjects within separate Level 3 NZQA domains. Level 3 standards achieved in courses such as Stage and Performing Arts (13SPA), Food and Nutrition (13FAN), Hospitality advanced (13HOA) or Business (13BUS) and Level 3 credit equivalents achieved in courses such as Information Skills with Programming (13ISP) can be used in the “third circle” to contribute towards the University Entrance award.

Accounting	French	Music
Art Design	Geography	Painting
Biology	German	Photography
Chemistry	Graphics	Physical Education
Chinese	Health Education	Physics
Classical Studies	History	Printmaking
Computing	History of Art	Samoan
Drama	Japanese	Science
Dance	Mathematics with Calculus	Sculpture (Visual Arts Craft)
Economics	Statistics and Modelling (MAS)	Te Reo Maori
English	Media Studies	Technology

LIMITED ENTRY:

Entry to University courses with limited numbers of places for students

Some University courses do not have places for all the students who want to enroll. The University therefore selects the students with the best Level 3 results to go into those courses. To enhance your chance of selection into programmes with limited entry:

- Students studying Level 3 courses at Year 13 in 2007 should choose five Level 3 courses from the approved list produced by NZQA (see above)
- Students should aim for the highest achievement grade possible in each standard. This is advised because the University will rank students' best 80 Level 3 credits from subjects on the approved list.
- Students should consult the admission charts in the University publications and ensure they choose any required courses for the degrees they are interested in studying in 2008. Information from the Universities is available at the Careers office in A1 - make an appointment to see Mrs Keir.

Course Codes 2007

C Compulsory course in junior school

* Course is offered at this year level without qualification assessments

L1 The number indicates the level for NCEA qualification - Level 1, Level 2, Level 3 ...

(L2) Brackets indicate course is multilevel ie available in the same option line for students from different levels

CODE	COURSE	9	10	11	12	13	FAC.
ACC	Accounting			L1	L2	L3	BUS
ACF	Accounting foundation				L2		BUS
APR	Visual Arts – Printing					L3	ART
ARC	Visual Arts – Craft	*	*	L1	L2	L3	ART
ARD	Visual Arts – Design				L2	L3	ART
ARH	Art History				L2	L3	ART
ARP	Visual Arts – Painting					L3	ART
ART	Visual Arts - (Painting & Printing)	*	*	L1	L2		ART
AUT	Automotive (Engineering)				L2	(L2)	TEC
BIA	Biology Advanced				L2	L3	SCI
BIO	Biology				L2	L3	SCI
BTH	Beauty Therapy				L2	(L2)	TEC
BUS	Business Studies	*	*	L1			BUS
CAB	Cabinetry			L1			TEC
CAD	Graphics – Computer Aided Drawing				L2	(L2)	TEC
CAP	Computer Applications	*					TEC
CRP	Carpentry				L1/2	(L1/2)	TEC
CEN	Communications English			L1	L2	L3	LAN
CES	Communications English – NESB			L1			LAN ESOL
CHC	Child Care				L2	(L2)	TEC
CHA	Chemistry Advanced				L2	L3	SCI
CHE	Chemistry				L2	L3	SCI
CHI	Chinese (Mandarin)	*	*	L1	L2	L3	LAN
CLA	Classical studies				L2	L3	SSC
DAN	Dance				L2		ART
DRA	Drama	*	*	L1	L2	L3	ART
EAP	English for Academic Purposes			L1	L2	L3	LAN ESOL
ECF	Economics foundation				L2		BUS
ECN	Economics non specialists					L3	BUS
ECO	Economics			L1	L2	L3	BUS
ELE	Electronics				L2	(L2)	TEC
EFS	English for Further Study				L2		LAN ESOL
ELS	English Language Support ESOL	*	*	L1	L1		LAN ESOL
EMP	Employment Skills				L1/2	(L1/2)	STS
ENG	English	C*	C*	L1	L2	L3	LAN
ESL	ESOL English as a Second Language		*		L1	(L1)	LAN ESOL
ETM	Technology (Engineering Materials)				L2	L3	TEC
FAD	Fashion & Design				L2	L3	TEC
FAN	Food & Nutrition			L1	L2	L3	TEC
FOT	Food Technology		*				TEC
GEO	Geography			L1	L2	L3	SSC
GER	German	*	*	L1	L2	L3	LAN
GRA	Graphics	*	*	L1	(CAD)	L3	TEC
HAU	Hauora				L2/3		PHE
HIS	History			L1	L2	L3	SSC

CODE	COURSE	9	10	11	12	13	FAC.
HOA	Hospitality Advanced					L3	TEC
HOI	Hospitality - Introduction			L1	(L1)		TEC
HOS	Hospitality				L2	(L2)	TEC
HTH	Health	*	*	L1	L2	L3	PHE
HUB	Human Biology			L1			SCI
ICT	Information Technology				L2	(L2)	TEC
IEL	English for IELTS					*	LAN ESOL
ISM	Information Skills – multi media					L2/3/4	TEC
ISP	Information Skills - programming					L5	TEC
ITD	Information Technology - design				L2	(L2)	TEC
ITH	Information Technology - HTML				L2	(L2)	TEC
INF	Information Management			L1			TEC
JAP	Japanese	*	*	L1	L2	L3	LAN
MAP	Maths Applied			L1	L1/2	(L1/2)	MAT
MAC	Maths with Calculus					L3	MAT
MAO	Te Reo Maori	*	*	L1	L2	L3	LAN
MAS	Statistics and Modelling					L3	MAT
MAT	Maths units			L1	L1/2		MAT
MAX	Mathematics	C*	C*	L1	L2		MAT
MDF	Media Studies - Film				L2		LAN
MDJ	Media Studies - Journalism				L2		LAN
MED	Media Studies					L3	LAN
MEP	Mechanical Engineering Practical					L1	TEC
MSK	Multi Skills			*	*		TEC
MOT	Automotive (Motorbody)				L1/2	(L1/2)	TEC
MUB	Music - Band	*					ART
MXA	Mathematics advanced			L1/L2	L1/L2		MAT
MUS	Music	*	*	L1	L2	L3	ART
PHE	Physical Education	C*	C*	L1	L2	L3	PHE
PHL	Physical Education (ESOL)			L1			PHE
PHO	Visual Arts - Photography				L2	L3	ART
PXA	Physics Advanced				L2	L3	SCI
PXM	Physics				L2	L3	SCI
PXF	Physics foundation				L2		SCI
REC	Recreation				L2	(L2)	PHE
SCF	Science foundation			L1			SCI
SCI	Science	C*	C*	L1			SCI
SCP	Science Physical			L1			SCI
SNZ	Science NZ (NZASE)			L1	(L1)		SCI
SPA	Stage & Performing Arts	*	*	L1	L2	L3	ART
SPN	Spanish			(L1)	L1		LAN
SPO	Sports Leadership				L2	(L2)	PHE
SPS	Physical Education Sports Studies					L3	PHE
SST	Social Studies	C*	C*				SSC
TEC	Technology	*					TEC
TMS	Technology Materials – Soft fabric		*	L1			TEC
TMH	Technology Materials / Electronics - Hard		*	L1			TEC
TIM	Text Information Management		*				TEC
TOU	Tourism				L2	(L2)	SSC
YAS	Youth Award Scheme		*Bronze	Silver L1	Silver L1	Silver L1	STS

OPTION STRUCTURE 2007

LEVEL	A	B	C	D	E	F
Yr 13 NCEA Level 3	ACCOUNTING CHEMISTRY CLASSICAL ST COMM ENG ENGLISH HEALTH INF SKILL m/media MATHS CALC MATHS STAT Visual Arts PHOTO	BIOLOGY adv. CLASSICAL ST ENGLISH FOOD & NUTR GEOGRAPHY MATHS CALC MATHS STAT Visual Arts PHOTO Visual Arts DESIGN	BIOLOGY CHEMISTRY Adv DRAMA TECHNOLOGY H ENGLISH FASHION & D GEOGRAPHY MATHS CALC MATHS STAT MECH Eng TECH MEDIA STUDIES PHYSICS	ACCOUNTING ART HISTORY CHINESE COMM ENG GRAPHICS HOSPITALITY adv ENTREPRENEURSHIP JAPANESE MATHS STAT PHYSICS PHYSED	Visual Arts DESIGN BIOLOGY COMM ENG ECONOMICS ECONOM non spec HISTORY INF SKILL prog MATHS CALC MATHS STAT MEDIA STUDIES Visual Arts CRAFT Visual Art PRINT STAGE & Perf Arts	Visual Arts PAINTING CHEMISTRY CLASSICAL ST GERMAN HISTORY HOSPITALITY adv INF SKILL m/media MAORI MATHS STAT MUSIC PHYSICS Adv SPORTS STUDIES
Yr 12 & 13 NCEA Level 2/ 3	EMPLOYMENT Skill INFO TEC HTML SPORTS Leadership TOURISM	AUTOMOTIVE COMM ENGLISH HOSPITALITY INFO TEC design	AUTOMOTIVE COMM ENGLISH COMP GRAPHICS ELECTRONICS HAUORA HOSPITALITY	CHILD CARE CARPENTRY Information TEC MOTOR BODY TOURISM	BEAUTY TH COMP GRAPHICS FASHION & D FOOD & NUTR MOTOR BODY SPORTS Leadership	BEAUTY TH COMM ENGLISH INF TECH design INF TECH HTML RECREATION
Yr 12 & 13 ESOL/ Foundation	13EAP 13IEL	12 ENG LANG SUP 13ENG academ purp	ACC foundation 13IEL	12 ENG academic purp PHYSICS foundation	12ENG academic purp 12Eng Further Study	13ENG academ purp 12 ENG SECOND Lang
Yr 12 NCEA Level 2	BIOLOGY CHINESE ECONOMICS ENGLISH GEOGRAPHY MATHS PHYSICS Advanced	ECONOMICS ENGLISH ENTREPRENEURSHIP HEALTH HISTORY MUSIC MATHS PHYS ED Visual Arts CRAFT	ACCOUNTING Visual Arts paint/print Visual Arts DESIGN CHEMISTRY CLASSICAL ST ENGLISH MATHS MATHS applied MATHS units MATHS applied PHYS ED SPANISH DANCE	BIOLOGY CHEM Advanced ENGLISH JAPANESE MATHS MATHS applied Media - FILM	CHEMISTRY ENGLISH TECHNOLOGY H GEOGRAPHY HISTORY MATHS MATHS units PHYSICS Visual Arts PHOTO STAGE & Perf Arts	ACCOUNTING Visual Arts DESIGN BIOLOGY Adv CLASSICAL ST DRAMA ENGLISH GERMAN MAORI MATHS Media – JOURNALISM Visual Arts PHOTO PHYSICS
Reception Room	RE1 RE2	RE1 RE2	RE1 RE2	RE1 RE2	RE1 RE2	RE1 RE2
Yr 11 & 12 NCEA Level 1/ 2	SCIENCE NZ (B)	SCIENCE NZ (B)		HOSPITALITY intro	SCIENCE NZ (B)	HOSPITALITY intro
Yr 11 & 12 ESOL		SCIENCE Foundation	ENG academ purp ENG LANG SUP		Comm Eng NESB	
Yr 11 NCEA Level 1	ACCOUNTING CHINESE COMM ENGLISH ENGLISH GERMAN HISTORY INFO management MATHS MATHS applied PHYS ED/HTH P E/HTH - ESOL SCIENCE SCIENCE NZ (B)	COMM ENGLISH ENGLISH HISTORY MATHS MATHS applied MATHS units PHYS ED/HTH SCIENCE SCIENCE NZ (B) SCIENCE Physical	Visual Arts CRAFT Visual Arts Prac. ECONOMICS ENGLISH FOOD & NUT GEOGRAPHY GRAPHICS HUMAN BIO INFO management MATHS MUSIC PHYS ED/HTH Yth Award Scheme	DRAMA ECONOMICS ENGLISH. GRAPHICS HISTORY HOSPITALITY intro HUMAN BIO INFO management MAORI PHYS ED/HTH Yth Award Scheme	ACCOUNTING ENGLISH GEOGRAPHY MATHS MATHS applied PHYS ED/HTH SCIENCE SCIENCE NZ (B) MATHS Advanced BUSINESS Studies	Visual Arts Practical CABINETRY COMM ENGLISH ENGLISH GRAPHICS HOSPITALITY intro HUMAN BIO JAPANESE MATHS MULTI SKILLS PHYS ED/HTH TECH Mat / Ele - Hard TECH Material Soft STAGE & Perf Arts

LEVEL ONE COURSES 2007

Year 11 – NCEA Level 1

- ❑ All students must do THREE consecutive years of Mathematics and Science (Years 9 to 11).
- ❑ All students must do FOUR consecutive years of English (Years 9 to 12).
- ❑ A candidate may only do ONE **Technology Materials** course TMH (Hard materials) or TMS (Soft materials).
- ❑ Students take SIX courses including Physical Education and Health. With the Dean's approval a student may do Physical Education as a seventh course in a flexi time period.
- ❑ A candidate with Level 1 Science in Year 10 must do Level 1 Science Physical and/or Human Biology in Year 11. (Level 2 Biology, Physics, Chemistry cannot be studied until year 12.)
- ❑ In some courses there are Achievement Standards, Unit Standards or a combination of both. Different courses offer different combinations to allow for students who would struggle doing a full programme of 24 credits of Achievement Standards eg. Maths Applied, Science NZ, Communication English, Multi-skills, Hospitality. Some students will be recommended to take a particular course by the Faculty Manager.
- ❑ Most courses consist of 20 - 24 credits.
- ❑ To obtain a Level 1 National Certificate a candidate needs to get at least 80 credits. Within the 80 at least 8 will be for Literacy and 8 for Numeracy.

LEVEL 1 COURSES

ARTS FACULTY

ART

VISUAL ARTS (11ART)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 12

Externally assessed credits: 12 [folio of finished works)

PRIOR STUDY REQUIRED: Achieved in Year 10 Art or permission from HOD Visual Arts

MAIN AREAS OF STUDY: teacher and student directed theory and practical work

METHODS: research, drawing, painting, designing, printmaking, sculpture, workbook, gallery and/or museum visits

CAREER RELEVANCE: all visual arts and design careers.

COST/EQUIPMENT: materials starter pack approximately \$75. Students may need to purchase more materials, for example paint, to the value of \$50 during the year.

VISUAL ARTS - Craft (11ARC)

LEVEL: NCEA Level 1 Achievement standards: 24 credits

ASSESSMENT: Internally assessed credits: 12

Externally assessed credits: 12 [folio of finished works)

NO PRIOR STUDY REQUIRED: however, Year 10 Craft will be an advantage.

MAIN AREAS OF STUDY: teacher directed theory and practical work

METHODS: research, design, modelling, maquette making, construction, clay-work, fabric arts, weaving

CAREER RELEVANCE/POSSIBILITIES: visual arts, craft and design careers

COST/EQUIPMENT: Materials and equipment starter pack approximately \$75.

DRAMA (11DRA)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 19

Externally assessed credits: 5

NO PRIOR STUDY REQUIRED

MAIN AREAS OF STUDY: Practical work in performance skills of movement, body work and voice work, script and text analysis and interpretation and character development. Students will devise their own performances in a variety of theatre styles as well as working with established texts. Students will work on individual and group skills extensively.

METHODS: Practical work in rehearsal, preparation and performance, research and study of theatre forms, reflection and evaluation in journal keeping.

CAREER RELEVANCE/POSSIBILITIES: Drama knowledge's can lead on to many of the media and theatre industries and may include career opportunities in performance work, technical work, event management, writing and design.

Experience with drama can give students confidence in public speaking and group work which are vital skills in all professional areas.

COST/EQUIPMENT: \$ 20 + costs associated with attending one live theatre performance

MUSIC (11MUS)

LEVEL: NCEA Level 1 Achievement Standards : 24 credits

ASSESSMENT: Internally assessed credits: 19

Externally assessed credits: 5

PRIOR STUDY REQUIRED: Year 10 Music (whole year course) or permission from HOD Music. Students must be receiving tuition on the instrument they intend to use for performance assessment.

MAIN AREAS OF STUDY: Performance, Composition, Theory, Aural, Music History.

COST/EQUIPMENT: Students should have their own instrument if possible. Students not attending lessons will not be able to take this subject. Materials cost \$ 10 and itinerant lessons cost, if applicable.

STAGE AND PERFORMING ARTS (11SPA)

LEVEL: NCEA Level 1 & 2 Unit Standards: 24 credits

ASSESSMENT: Internally assessed credits: 24

PRIOR STUDY REQUIRED. Nil – though SPA Year 10 is an advantage

MAIN AREAS OF STUDY: Practical work and performance, research, script analysis, and production.

METHODS: Practical, written and theatrical work.

CAREER RELEVANCE/POSSIBILITIES: Leads to professional theatre employment, tertiary study in all aspects of stage and production.

COSTS/EQUIPMENT: Materials costs \$30 ; Optional extra curricular workshops may incur an additional costs.

ACCOUNTING (11ACC)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits
ASSESSMENT: Internally assessed credits: 7
Externally assessed credits: 17

PRIOR STUDY REQUIRED: Two years secondary English.

MAIN AREAS OF STUDY: Accounting covers aspects of personal finance such as budgets and controls over cash received and paid. The major part of the course, however, is business finance, which includes calculating profits, writing up statements of what the business owns and owes, and recording financial events.

METHODS: Work in Accounting involves reading, work sheets, exercises, tests, exams, assignments.

CAREER RELEVANCE/POSSIBILITIES: This course provides a foundation for further study in Accounting. It also provides skills needed to record financial information and for general office work.

COST/EQUIPMENT: Students provide their own stationery, specialised accounting paper may be required. Student workbooks and revision book about \$30.

ECONOMICS (11ECO)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits
ASSESSMENT: Internally assessed credits: 5
Externally assessed credits: 19

PRIOR STUDY REQUIRED: Two years secondary English.

MAIN AREAS OF STUDY: Economics is concerned with the way we all behave as producers and consumers of goods and services, earners of income and managers of money within New Zealand's Economic System.

METHODS: Work in Economics involves reading, worksheets, exercises, tests, exams, assignments.

CAREER RELEVANCE/POSSIBILITIES: This course provides a foundation for further study in Economics. It is also a good one year course providing general educational skills for everyday living.

COST/EQUIPMENT: Students provide their own stationery. Student workbook about \$25.

BUSINESS (11BUS)

LEVEL: NCEA Level 2 Unit Standards: up to 24 credits
ASSESSMENT: All internally assessed

NO PRIOR STUDY REQUIRED: There are no pre-requisites for this course, although good English skills are required.

MAIN AREAS OF STUDY: This is a new unit standard course, designed to provide students with understanding of important management concepts. The proposed course outline (to be confirmed) includes modules of work on Communication, Conflict resolution, Personal and Business Finance, Organisation and Management, Consumer Law., with an emphasis on applying skills required in businesses. The course is practical, focusing on group work and on-going assignments, rather than on exams, and develops organisation and time management skills.

METHODS: Work in Business Studies focuses on application of practical skills and includes case studies, individual and group work and verbal and non-verbal presentations, assignments and field work. Work in Entrepreneurship involves worksheets, tests, field work, assignments and report writing.

CAREER RELEVANCE/POSSIBILITIES: The course prepares students for further study in Business and Management or entering the workforce as an employee or becoming a self-employed entrepreneur.

COST/EQUIPMENT: Students provide their own stationery. The field work involves trips out of school and this involves minor transport / entry costs. There may be a small charge for workbooks that students keep.

HEALTH AND PHYSICAL EDUCATION (11PHE)

HEALTH

LEVEL: NCEA Level 1 Achievement Standards: 10 credits

ASSESSMENT: Internally assessed credits: 6
Externally assessed credits: 4

MAIN AREAS OF STUDY: Hauora, goal setting, relationships, drug education, sexuality.

METHODS: Activities encourage students to: set realistic goals, develop healthy patterns of living, develop skills to participate in a range of social activities, build responsible and satisfying relationships, respect others, develop personal responsibility, cope constructively with challenges, personal stress, peer pressure and social conflict.

CAREER RELEVANCE/POSSIBILITIES: Health helps develop skills for personal and social well-being, Health related careers.

COST/EQUIPMENT: No cost.

PHYSICAL EDUCATION

LEVEL: NCEA Level 1 Achievement Standards: 15 credits

ASSESSMENT: Internally assessed credits: 15
Externally assessed credits; 0

MAIN AREAS OF STUDY: Physical fitness, skill learning, teamwork, communication, Hauora.

METHOD: Large practical component, written assessments.

COST/EQUIPMENT: Lynfield College PE uniform is required. Workbook \$4.

HEALTH AND PHYSICAL EDUCATION (ESOL) (11PHL)

This course combines the Health and PE content with a strong emphasis on the specific language skills required for this course.

HEALTH

LEVEL: NCEA Level 1 Achievement Standards: 6 credits

ASSESSMENT: Internally assessed credits: 6
Externally assessed credits: 0

MAIN AREAS OF STUDY: Hauora, goal setting, relationships, drug education, sexuality.

METHODS: Activities encourage students to: set realistic goals, develop healthy patterns of living, develop skills to participate in a range of social activities, build responsible and satisfying relationships, respect others, develop personal responsibility, cope constructively with challenges, personal stress, peer pressure and social conflict.

CAREER RELEVANCE/POSSIBILITIES: Health develops skills for personal and social well-being, Health related careers.

COST/EQUIPMENT: No cost.

PHYSICAL EDUCATION

LEVEL: NCEA Level 1 Achievement Standards: 15 credits

ASSESSMENT: Internally assessed credits: 15
Externally assessed credits; 0

MAIN AREAS OF STUDY: Physical fitness, skill learning, teamwork, communication, Hauora.

METHOD: Large practical component, written assessments.

COST/EQUIPMENT: Lynfield College PE uniform is required. Workbook \$4

ENGLISH (11ENG)

LEVEL: NCEA Level 1 Achievement Standards: 21 credits

ASSESSMENT: Internally assessed credits: 9
Externally assessed credits: 12

PRIOR STUDY REQUIRED: Two years secondary English

MAIN AREAS OF STUDY: This course follows the national curriculum, covering speaking, listening, writing, reading, presenting and viewing. Wide reading and varied writing form the basis and a number of creative and production skills are taught. Some examples: speaking and dramatic presentations. All credits gained from this course count towards the level 1 literacy requirement.

METHODS: Wide reading, creative writing and speaking assignments, visual and dramatic presentations.

CAREER RELEVANCE/POSSIBILITIES: An important basis for study in all subjects.

COST/EQUIPMENT: Usual writing materials.

COMMUNICATIONS ENGLISH (11CEN)

LEVEL: NCEA Level 1 Unit Standards

ASSESSMENT: Internally assessed credits: 23 credits including literacy component.
Externally assessed credits:

PRIOR STUDY REQUIRED: Two years secondary English.

MAIN AREAS OF STUDY: This course covers the literacy requirement of NCEA. Includes personal reading and reading of texts for practical purposes. Letter writing styles will be covered. Viewing and listening form an important part of this course.

METHODS: Practical use of language in the classroom. Research and use of the library.

CAREER RELEVANCE/POSSIBILITIES: Students who are successful in this course will be credited with the literacy component of NCEA and have demonstrated ability in basic English skills.

ENGLISH FOR ACADEMIC PURPOSES (11EAP)

For students from language backgrounds other than English

LEVEL: NCEA Level 1 English, Level 2 & 3 ESOL, Level 1 Communication English Unit Standards

ASSESSMENT: Internally assessed credits: 23 credits including literacy component.

PRIOR STUDY REQUIRED: A pre-entry test.

MAIN AREAS OF STUDY: Listening and responding; Written skills; Reading.

METHODS: This course involves students practising the above skills using a variety of communicative techniques and research skills.

CAREER RELEVANCE/POSSIBILITIES: These Unit standards will give students the necessary Level 1 literacy component for NCEA.

COMMUNICATIONS ENGLISH (11CES)

For students from language backgrounds other than English

LEVEL: NCEA Level 1, English, Level 2 ESOL, Level 1 Communication Unit Standards

ASSESSMENT: Internally assessed credits: 18 credits including literacy component.

CO-REQUISITE: Students All students in this class must also enrol in 11ELS

PRIOR STUDY REQUIRED: A pre-entry test.

MAIN AREAS OF STUDY: Listening and responding; Written skills; Reading.

METHODS: This course involves students practising the above skills using a variety of communicative techniques.

CAREER RELEVANCE/POSSIBILITIES: These Unit standards will give students the necessary Level 1 literacy component for NCEA.

ENGLISH LANGUAGE SUPPORT (11ELS)

For students from language backgrounds other than English

LEVEL: Level 2 ESOL Unit Standards. An option for senior students requiring additional English language support.

ASSESSMENT: Internally assessed credits: 10 credits

NO PRIOR STUDY REQUIRED

CO-REQUISITE: Students must also enrol in 11CES

MAIN AREAS OF STUDY: Intensive language study to increase listening, speaking, reading and writing skills. Subject support will also be given to those students who need help in coping with the English language demands of mainstream subjects.

METHODS: A variety of interactive strategies and techniques will be used to help increase language skills.

CAREER RELEVANCE/POSSIBILITIES: An interim course designed to help students understand English skills required in mainstream subjects and make a smooth transition to a full programme.

CHINESE (11CHI)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 9 (speaking and writing)

Externally assessed credits: 15 (listening, reading and writing)

PRIOR STUDY REQUIRED: Year 10 Chinese or equivalent

MAIN AREA OF STUDY: Family & pets, countries and languages, sports & recreation, school & friends, eating and drinking, daily routines & occasions, home & location, clothes and shopping, city and town, traveling and holidays

METHODS: a variety of tasks to develop the four key language skills: listening, reading writing and speaking

CAREER RELEVANCE/ POSSIBILITY: trade, tourism, education, diplomacy and technology amongst many others

COST/EQUIPMENT: \$20 for workbook.

GERMAN (11GER)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 9 (Speaking and Writing)

Externally assessed credits: 15 (Listening, Reading and Writing)

PRIOR STUDY REQUIRED: Year 9 & 10 German

MAIN AREAS OF STUDY: Home, school and community routines / Enjoying time with family and friends / Home town, region, country / Holidays and travel / Geography and weather / People and things ; their appearance and qualities / Making social arrangements / Entertainment / Health.

METHODS: The communicative approach is used encouraging learners to engage in meaningful communication in German: German is used as much as possible in the learning environment and interactive, learner-centred activities are central to the programme. The methods involve listening, speaking, reading and writing.

CAREER RELEVANCE/POSSIBILITIES: Business, Diplomatic Service, Trade, Foreign Banking, Community Service, International Law, Tourism, Science, Engineering, Technology, Politics, Music.

COST/EQUIPMENT: \$20 for Grammar book.

JAPANESE (11JAP)

LEVEL: NCEA Level 1 Achievement Standards : 21 credits

ASSESSMENT: Internally assessed credits: 6

Externally assessed credits: 15

PRIOR STUDY REQUIRED: Year 10 Japanese or equivalent.

MAIN AREAS OF STUDY: Freetime, shopping, sport and leisure, school life, town and directions, travel and holidays.

METHODS: A variety of tasks to develop the four key language skills : listening, reading, writing, and speaking.

CAREER RELEVANCE/POSSIBILITIES: Business, Tourism, Trade, Law, Science, Teaching (Education).

COST/EQUIPMENT: \$10 for workbook.

SPANISH (see 12SPN)

This is a course for beginners in Spanish. Year 11 are invited to apply for entry into this course. Approval from the Dean and the Spanish teacher (Mr Bangs) are required.

TE REO MAORI (11MAO)

LEVEL: NCEA Level 1 Achievement Standards : 24 credits

ASSESSMENT: Internally assessed credits: 12

Externally assessed credits: 12

PRIOR STUDY REQUIRED. Year 10 Māori

MAIN AREAS OF STUDY: School life, family, sport and leisure, directions, te reo māori me ōna tikanga

METHODS: Development by a variety of tasks of the 4 essential skills of speaking, listening, reading and writing.

CAREER RELEVANCE/POSSIBILITIES: Teaching, Tourism, Law, Medicine, Politics, etc.

COSTS/EQUIPMENT: \$10 for homework book to be purchased with stationery.

MATHEMATICS FACULTY

MAT

MATHEMATICS (11MAX)

LEVEL: NCEA Level 1 Achievement Standards : 24 credits, Level 1 Unit Standards 2 credits

ASSESSMENT: Achievement standards : Internally assessed credits: 8

Externally assessed credits: 16

PRIOR STUDY REQUIRED: Year 10 Mathematics, or equivalent. An end of year grade "3" (or better) is required.

MAIN AREAS OF STUDY: General mathematics course which leads on to higher level of mathematics studies. Course includes aspects of algebra, geometry, measurement, number, statistics, probability and trigonometry.

METHODS: Written and practical

COST/EQUIPMENT: Scientific calculator, protractor, compass, ruler are essential.

MATHEMATICS APPLIED 1 (11MAP)

LEVEL: NCEA Level 1 Unit Standards

ASSESSMENT: Internally assessed credits: 24 credits at Level 1

PRIOR STUDY REQUIRED/PREFERRED: Year 10 Mathematics

MAIN AREAS OF STUDY: Basic mathematics course, includes units of work from within Number, Measurement, Geometry, Statistics and Algebra strands.

METHODS: Written and practical

CAREER RELEVANCE / POSSIBILITIES: An important basis for life skills and study in many other subjects. Leads to further study at Level 1 (11MAX or 12 MAP courses). Students obtaining at least 20 credits could take 12 MAT course in the following year.

COST/EQUIPMENT: Scientific calculator, ruler, compass, protractor.

MATHEMATICS UNITS (11MAT)

LEVEL: NCEA Level 1

ASSESSMENT: Unit standards 12 credits, Achievement standards 12 credits – 9 of these credits are externally assessed.

PRIOR STUDY REQUIRED/PREFERRED: Year 10 Mathematics

MAIN AREAS OF STUDY: General Mathematics course includes units of work from within Number, Measurement, Geometry, Statistics and Algebra strands.

METHODS: Written and practical

CAREER RELEVANCE / POSSIBILITIES: An important basis for study in some other subjects. Successful completion leads to Level 2 (12MAT), possibly Level 3 in future years.

COST/EQUIPMENT: Scientific calculator essential.

MATHEMATICS advanced (11MXA)

LEVEL: NCEA Level 1 Achievement Standards : 19 credits, Level 2 Unit Standards 7 credits

ASSESSMENT: Achievement standards : Internally assessed credits: 3
Externally assessed credits: 16

Unit standards: Internally assessed credits: 7

PRIOR STUDY REQUIRED: Year 10 Mathematics. An end of year grade "5" preferred; some students with grade 4 will be considered.

MAIN AREAS OF STUDY: General mathematics course which leads on to higher level of mathematics studies. A greater emphasis on algebra and on 'Excellence' standard of achievement than the 11MAX course.

METHODS: Written and practical

CAREER RELEVANCE / STUDY PATHWAYS: Leads on to 12MAX

COST/EQUIPMENT: Scientific calculator essential – graphics calculator preferred.
Protractor, compass, ruler are essential.

SCIENCE FACULTY

SCI

HUMAN BIOLOGY (11HUB)

LEVEL: NCEA Level 1 Achievement Standards: 20 credits

ASSESSMENT: Internally assessed credits: 6
Externally assessed credits: 14

PRIOR STUDY REQUIRED: Develops upon the fundamental concepts taught in Year 9 and 10 Science.

MAIN AREAS OF STUDY: The main focus is on the structure and function of some of the major systems of the human body including Circulatory; Respiratory; Excretory; Immune; Digestive and Skeleto-muscular systems, Reproduction and the response of the human body to pathogenic organisms. Homeostatic mechanisms are considered.

METHODS: A wide variety of teaching skills will be used including practical work, models, self-paced activities, note-taking, videos. Students will carry out directed research, much of which has to be done in their own time. Students will be encouraged to use the Internet when carrying out research and can expect to spend some time in computer rooms during the course. Homework is a vital part of the course and students can expect to have regular homework set.

CAREER RELEVANCE/POSSIBILITIES: This course is of particular interest to those students who expect to pursue careers in any field of medicine, sport, education, veterinary science, and pharmacy.

Human Biology leads on to the Biology Advanced course (12BIA) in year 12, or to the mainstream Biology (12BIO) course.

COST: \$20 approx for the student workbook

SCIENCE (11SCI)

LEVEL: NCEA Level 1 Achievement Standards: 19 credits

ASSESSMENT: Internally assessed credits: 4
Externally assessed credits: 15

PRIOR STUDY REQUIRED: Develops upon the fundamental concepts taught in Year 9 and 10 Science.

MAIN AREAS OF STUDY: Biology, Chemistry, Physics, Research skills.

METHOD: A wide variety of teaching strategies will be used with emphasis on research, experimental design, problem solving and practical skills. Each class, composed according to student learning styles and based on overall performance in year 10 Science, will be taught in rotation by specialist Biology, Chemistry and Physics teachers.

UNIT STANDARDS: As preparation for the external achievement standards in November, we will offer a range of internally assessed unit standards throughout the year as supplementary credit opportunities which allows students to gain credits towards NCEA Level 1.

CAREER RELEVANCE/POSSIBILITIES: Provides essential background for successful study in NCEA Level 2 Biology, Chemistry and Physics.

COST: \$ 10.

SCIENCE (FOUNDATION) (11SCF)

LEVEL: NCEA Level 1 Achievement Standards

ASSESSMENT: 17 credits; 4 Internal; 13 External

PRIOR STUDY REQUIRED: It is essential for students to have a background in Science in their home country equivalent to Year 9/10 level.

MAIN AREAS OF STUDY: Biology – genetics (3 credits); Chemistry – chemical reactions with organic and inorganic substances (5 credits); Physics – forces, energy, electricity (5 credits); Internally assessed research (4 credits).

METHOD: Emphasis will be on clear explanations of science concepts in the English language supported by practical sessions and language activities. Students will be prepared to enter Level 2 Biology, Chemistry and Physics.

CAREER RELEVANCE/POSSIBILITIES: Provides essential background for study of the senior sciences, especially the physical sciences.

COST/EQUIPMENT: \$ 10.

SCIENCE (NZASE B) (11SNZ) SCIENCE N.Z.

LEVEL: NCEA Level 1

ASSESSMENT: Internally assessed: Unit Standard Credits: 14. Achievement Standard Credits: 4

PRIOR STUDY REQUIRED: Year 9 & 10 Science or equivalent

MAIN AREAS OF STUDY: 7 Units involving concepts from Biology, Chemistry and Physics.

METHOD: A wide range of teaching strategies will be used to make the units relevant and interesting. There will be practical activities, mini projects, group work, models and puzzles.

CAREER RELEVANCE/POSSIBILITIES: Provides students with the necessary background to follow a Level 1 Science course the following year or broaden their knowledge of science by studying more NZASE Level 1 unit standards in Year 12.

COST/EQUIPMENT: \$10

SCIENCE PHYSICAL Year 11 (11SCP)

LEVEL: NCEA Level 1 Achievement Standards: 27 credits

ASSESSMENT: Internal assessment: 10 credits
External assessment: 17 credits

PRIOR STUDY REQUIRED: NCEA Level 1 Science or Year 9 and 10 Science to a superior standard.

MAIN AREAS OF STUDY: Mechanics and Kinematics, Electricity and Magnetism, Atomic Chemistry, Chemical reactions of metals and non metals.

METHOD: Taught as two half year courses by specialist teachers, using enhanced learning techniques.

CAREER RELEVANCE/POSSIBILITIES: This course provides students with a deeper understanding of Physics and Chemistry and their applications to everyday life. It is an excellent preparation for Level 2 and 3 Physics and Chemistry (see Physics (Advanced) and Chemistry (Advanced) courses). Science, Engineering, Technology, Health Sciences [Human and Animal].

COST: Course books \$ 40, Australian Chemistry \$6. Graph paper (1mm²) and calculator are essential.

GEOGRAPHY (11GEO)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits
ASSESSMENT: Internally assessed credits: 11
Externally assessed credits: 13

NO PRIOR STUDY REQUIRED

MAIN AREAS OF STUDY: The course is based around three major topics: Natural Hazards (volcanic activity in New Zealand and hurricanes in the South West Pacific), Resources and their use (mining and farming in New Zealand with emphasis on coal and dairying), and Population studies (New Zealand and Monsoon Asia). In addition to these major topics, local and current issues are investigated, along with world patterns and other aspects of the Asian, Pacific and Australasian regions.

METHODS: Research, field work, report writing, exams.

CAREER RELEVANCE/POSSIBILITIES: These occupations include environmental officer, water and coastal management officers, traffic planner, ecologist, pollution control officer, park ranger, journalist, business manager, weather forecaster, tourist officer, town planner among many others.

COST/EQUIPMENT: **Field trips** : (Dairy farm and Volcanoes trips) approximately \$20 total. Compulsory Skill booklet - \$15

HISTORY (11HIS)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits
ASSESSMENT: Internally assessed credits: 8
Externally assessed credits: 16

NO PRIOR STUDY REQUIRED**MAIN AREAS OF STUDY:**

The Year 11 course deals with some of the major issues of the 20th century such as:

World War II, Women in Society, USA Black Civil Rights, Conflict in Ireland and the Middle East.

METHODS: Classroom methods encourage students to find and process information using a range of resources such as old photos, newspapers, cartoons, video and computers. Field trips take students to historic sites for further research.

CAREER RELEVANCE/POSSIBILITIES: History helps to develop the skills of research and communication useful for advertising, journalism, law, teaching, tourism, the media, diplomatic service, communications and medical school.

COST/EQUIPMENT: A small fee for each of the field trips.

YOUTH AWARD SCHEME (11YAS)
(formerly ASDAN)

LEVEL: Towards Independence and Workright pre NCEA level 1
Bronze: pre NCEA level 1
Silver: at NCEA level 1: 20 credits

ASSESSMENT: Modules from a wide range of topics are chosen by the students and are marked internally and moderated externally.

PRIOR STUDY REQUIRED: Nil

MAIN AREAS OF STUDY:

Towards Independence: Students choose from 30 modules – eg Using a computer, Sport and Leisure, Current affairs.

Workright: Students must participate in Work Experience Modules covering Health and Safety, Being responsible and Working with others.

Bronze: Students choose from 13 different areas of interest eg. World of work, Maori studies, Home Management, Information Technology.

Silver: Students choose from 8 different topics but develop essential skills in action planning and reviewing progress that will assist in the development of personal and social skills in preparation for career planning.

METHODS: Self directed learning under the guidance of a tutor, with all records kept in the course book of work done.

CAREER RELEVANCE/POSSIBILITIES: Students gain improved social confidence, motivation and self-esteem in setting goals and achieving them. Helps develop essential skills required by the work force – i.e. problem solving, working with others, communication, information skills, social and competitive skills. 100 NZ schools used this course in 2003. The certificates gained will be valuable in any student's CV.

COST/EQUIPMENT: \$35 for ASDAN booklet.

CABINETRY (11CAB)**LEVEL :** Level 1 : 21 credits, Unit Standards**ASSESSMENT:** Internally assessed credits: 21 (moderated by FITO)**NO PRIOR STUDY REQUIRED:** An interest in this area of study is required. Year 10 technology would be an advantage. Very suitable for Year 12 students who require an introduction to this skill area.**MAIN AREAS OF STUDY:** Practical skills in cabinetry construction, covering specifications, working drawings, tools, construction and materials knowledge.**METHODS:** The course covers the elementary units of cabinetry set by the Furniture Industry Training Organization.**CAREER RELEVANCE:** Credits towards National Certificate in Furniture Making / Carpentry.**COST/EQUIPMENT:** \$ 60 (Extra material costs may apply)**GRAPHICS (11GRA)****LEVEL:** NCEA Level 1 Achievement Standards: 24 credits**ASSESSMENT:** Internally assessed credits: 12

Externally assessed credits: 12

PRIOR STUDY REQUIRED: Year 9 & 10 Graphics or Art preferred. Students new to Graphics will undertake a trial period.**MAIN AREAS OF STUDY:** A Graphics Course at any senior level is based on the application of fourteen objectives, six of which deal with graphic communication skills and eight with designing and technology.

The course is then structured around four common sections:

- a. Graphic Communication and Design
- b. Architecture Design
- c. Engineering Design
- d. Media Design

METHODS: A wide range of communication skills will be used from basic drawing skills through to the use of rendering media, and suitable computer applications.**CAREER RELEVANCE/POSSIBILITIES:** A study of Graphics opens the way to a wide variety of careers and interests.**COST/EQUIPMENT:** Good drawing instruments are required. Cost \$ 25.**HOME ECONOMICS – FOOD & NUTRITION (11FAN)****LEVEL:** NCEA Level 1 Achievement Standards and one Unit Standard:**ASSESSMENT:** Internal and external assessment: 24 credits

Achievement Standards: 19 credits (6 internal, 13 external)

Unit Standards: 5 credits

PRIOR STUDY REQUIRED: Preferably Year 10 Food Technology.**MAIN AREAS OF STUDY:** Food, food nutrients, meal planning, dietary requirements, food hygiene and safety, food and nutrition guidelines, management of resources, food labelling, community nutrition, analysis of diet.**METHODS:** Practical food-related activities, research assignments, writing notes, analysis of information in text books and other resource material.**CAREER RELEVANCE/POSSIBILITIES:** All aspects of catering and hospitality, tourism, teaching, childcare, food technology.**COST/EQUIPMENT:** \$ 50. Students will be expected to provide some food each practical lesson to supplement what is provided by the school.**HOSPITALITY - INTRODUCTION (11HOI)****LEVEL:** YEAR 11 & 12: Unit Standards Level 1 : 24 credits**ASSESSMENT:** Internally assessed credits:**NO PRIOR STUDY REQUIRED** – None**MAIN AREAS OF STUDY:** Customer service, food safety, cakes, scones, sponges, fruit and vegetables, meat preparation, eggs and cheese, stock, sauce and soup making, prepare and present seafood, also boiling and baking techniques.**METHODS:** Practical application. Written assessment. Student workbook.**RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS:** This is the first level towards National Certificate in Hospitality Certificate.**CAREER RELEVANCE/POSSIBILITIES:** Hospitality industry, Air hostess, Tourism, Hotel management/ work, Café work, Restaurant work.**COST/EQUIPMENT:** \$ 50. Covered shoes required.

INFORMATION MANAGEMENT (11INF)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 12
Externally assessed credits: 12

PRIOR STUDY REQUIRED: Students should have previously covered a one year /TIM course, or be competent with the use of the Microsoft Office programs.

MAIN AREAS OF STUDY: This course is designed to give students the opportunity to further improve their computer application and design skills. Students should be able to display a wide range of tasks with a high standard of presentation by the end of the course.

METHODS: Practical use of a computer, tests, assignments, etc which are completed at school. Students will also be given the opportunity to sit CETA examinations during the year. These are EXTERNAL examinations and an examination fee is charged.

This course leads to further study in Information Management, Computing and associated skills.

COST/EQUIPMENT: \$25

MULTI SKILLS (11MSK)

LEVEL: Year 11

ASSESSMENT: Internally assessed credits: Skills based course.

PRIOR STUDY REQUIRED: An interest in wood and metal work. Nil

MAIN AREAS OF STUDY: This course is designed to develop the skills in many areas for students who would prefer this type of course instead of a full NCEA Level 1 commitment. The course involves using a range of materials and applications to produce practical projects.

METHODS: The course is based on a large practical involvement.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: A Certificate will be awarded at the end of the course outlining the areas in which the students have been involved. At the end of the year students will have a good background of skills that will help them to choose their courses for year 12, in particular the Unit standard type courses offered.

COST/EQUIPMENT: The students complete projects that they keep and a fee of \$ 50 is set to cover these costs.

TECHNOLOGY – MATERIALS / ELECTRONICS (11TMH)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 12
Externally assessed credits: 12

Students will select an electronics strand or a hard materials strand.

PRIOR STUDY REQUIRED: Preferred Year 10 Technology. Students cannot take Year 11 Cabinetry, Multi skills or Technology Soft Materials in conjunction with Technology Hard Materials.

MAIN AREAS OF STUDY: Includes: Design, Problem solving, Analysis, Research, Practical work, Craftsmanship.

METHODS: Research, design exploration, and application, problem solving and evaluation, practical techniques.

CAREER POSSIBILITIES: Design work, creative work, modern apprenticeship, electrical apprenticeship, general electronics.

COST: \$ 50 – extra cost may apply depending on materials used.

TECHNOLOGY – SOFT MATERIALS (11TMS)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 12
Externally assessed credits: 12

PRIOR STUDY REQUIRED: Preferred Year 10 Technology. Students cannot take Year 11 Technology Hard Materials in conjunction with Technology Soft Materials.

MAIN AREAS OF STUDY: Developing a design brief and a product in the context of Pre-schoolers' toys and Recreational / Fashion garments. Include: Design, Problem solving, Analysis, Research, Practical work, Craftsmanship.

METHODS: Research, portfolio presentation, evaluation, practical work.

CAREER POSSIBILITIES: Design work, creative work, fashion industry.

COST: \$ 50 – extra cost may apply depending on materials used.

LEVEL TWO & THREE COURSES 2007

Year 12 – National Certificate of Educational Achievement

- ❑ All students must take a programme of six subjects.
- ❑ All students must do 4 consecutive years of English or have a minimum of Level 2 English.
- ❑ A well-balanced course is required.
- ❑ Achievement Standards and Unit Standards can provide credits for Tertiary entrance or qualifications – see the University entrance requirements on page 3.
- ❑ Students doing **Visual Arts** may only do any TWO of: Visual Arts Design, Visual Arts Photography, Visual Arts Craft, Visual Arts Paint/Print. See the HOD Visual Arts.
- ❑ Students taking **PE** may only do TWO of: Recreation, Sport Leadership, Level 2 PHE.
- ❑ **Computing** students may only take ONE of: ITH, ITD. Neither ITH nor ITD should be taken with ISM. For students taking Level 2 ICT the maximum number of computing courses is two.
- ❑ Candidates with appropriate Level 2 results may do Level 3.
- ❑ Those students aiming at doing a degree course should take great care that their selected courses are also available as a Level 3 course in Year 13. It is a good idea to choose your Year 13 courses and work backwards to your Year 12 choices. (You will need 5 courses at Level 3.)

Year 13 – National Certificate of Educational Achievement

- ❑ All students are encouraged to return for a fifth year of education. The Level 3 standards provide a stimulating academic challenge with scholarship exams being offered in 2007. The results of Level 3 standards will be used to qualify for entry to University and to 'limited entry' courses. There are opportunities to mature personally as well as developing leadership skills.
- ❑ All year 13 students take FIVE courses. (A sixth may be taken with the approval of your Dean)
- ❑ If you are aiming for a degree course you are best to do a full Level 3 programme. (five courses). Check on page 3 for the requirements for entry to University and for limited entry courses.
- ❑ Most year 13 students study for Level 3 in order to gain entry to University courses. **However a full (5 subject) Level 3 course is not appropriate for anyone who has not gained a Level 2 certificate.** Permission from the Dean and relevant Heads of Department will only be given in exceptional circumstances for those students to do a full Level 3 course.
- ❑ Students need to check the requirements of future courses to ensure an appropriate year 13 programme is selected.
- ❑ No more than TWO **Physical Education** related subjects can be taken.
- ❑ **Computing** students may only take ONE of: ITH, ITD. Neither ITH nor ITD should be taken with ISM.
- ❑ Candidates with appropriate qualifications may do a university paper. Provisional enrolment for these is usually required before the end of November of the previous year. (see your Dean or Mrs. Davis)

LEVEL 2 and 3 COURSES

ARTS FACULTY

ART

VISUAL ARTS – DESIGN (12ARD)

LEVEL: NCEA Level 2 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 12 Externally assessed credits: 12

PRIOR STUDY PREFERRED: Level 1 Art or Graphics or permission from HOD Visual Arts. Some ability in freehand drawing is required.

MAIN AREAS OF STUDY: theory and practical; teacher and student directed

METHODS: Research, design, drawing, photography, construction, computer graphics.

CAREER RELEVANCE/POSSIBILITIES: This course leads to Level 3 Design and tertiary study for a very wide range of careers: graphic design, product design, display design, interior design, spatial design, architecture, packaging, magazine and book design, animation, illustration, computer graphics, fashion design, textile design, photography

COST/EQUIPMENT: Materials starter pack approximately \$60. Materials, including computer prints up to the value of \$75 may need to be purchased during the course. Students are also required to purchase a 512 MB USB pen-drive. These can be purchased through the school for approximately \$90.00.

VISUAL ARTS – DESIGN (13ARD)

LEVEL: NCEA Level 3 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 10 Externally assessed credits: 14

PRIOR STUDY REQUIRED: NCEA Level 2 Design, Visual Arts, Photography, Graphics, Fashion Design or permission from HOD Visual Arts.

MAIN AREAS OF STUDY: theory and practical; teacher and student directed

METHODS: may include research, drawing, photography, collage, mixed media, model making, construction, computer graphics, typography

CAREER RELEVANCE/POSSIBILITIES: Degree and Diploma courses at major tertiary institutions for a wide range of careers: graphic design, product design, display design, interior design, spatial design, architecture, packaging, magazine and book design, animation, computer graphics, illustration, fashion and textile design, photography

COST/EQUIPMENT: Materials starter pack approximately \$100. Materials, including computer prints up to the value of \$100 may need to be purchased during the course. Students are also required to purchase a 512 MB USB pen-drive. These can be purchased through the school for approximately \$90.00.

ART HISTORY (12ARH)

LEVEL: NCEA Level 2 Achievement Standards: 24

ASSESSMENT: Internally assessed credits: 12 Externally assessed credits: 12

PRIOR STUDY REQUIRED: preferably Achievement in NCEA Level 1 English or permission from HOD Visual Arts

MAIN AREAS OF STUDY: may include Maori Art, Art in Aotearoa, 19th Century French Art, Architecture

METHODS: reading, research, slide and video viewing, gallery visits, essay writing

CAREER RELEVANCE/POSSIBILITIES: Art History develops skills in oral, written and visual languages which are useful in curatorial work, art writing, academic teaching and research, film and TV industries, cultural tourism, librarianship and archival work.

COST/EQUIPMENT: Students will require a ring binder. Costs may apply for colour copying and gallery visits.

ART HISTORY (13ARH)

LEVEL: NCEA Level 3 Achievement Standards: 24

ASSESSMENT: Internally assessed credits: 11 Externally assessed credits: 13

PRIOR STUDY REQUIRED: preferably Achievement in NCEA Level 2 English, History or Classics, or permission from HOD Visual Arts

MAIN AREAS OF STUDY: include 14th Century Italian Painting, American Art Since 1945, Modern New Zealand Art.

METHODS: reading, research, slide and video viewing, gallery visits and essay writing

CAREER RELEVANCE/POSSIBILITIES: Art History develops skills in oral, written and visual languages which are useful in curatorial work, art writing, academic teaching and research, film and TV industries, cultural tourism, librarianship and archival work.

COST/EQUIPMENT: Students will require a ring binder. Costs may apply for colour copying and gallery visits.

VISUAL ARTS – PAINTING (13ARP)

LEVEL: NCEA Level 3 Achievement Standards: 24

ASSESSMENT: Internally assessed credits: 10 Externally assessed credits: 14

PRIOR STUDY REQUIRED: Achievement in NCEA Level 2 Visual Arts or permission from the HOD Visual Arts.

MAIN AREAS OF STUDY: student-directed theory and practical work

METHODS: Research, drawing, painting, journal documentation, field trips, and workshops

CAREER RELEVANCE/POSSIBILITIES: All visual arts and design careers, architecture

COST /EQUIPMENT: Materials starter pack approximately \$80. Materials up to the value of \$100 may need to be purchased during the course.

VISUAL ARTS – PRINTMAKING (13APR)

LEVEL: NCEA Level 3 Achievement Standards: 24

ASSESSMENT: Internally assessed credits: 10 Externally assessed credits: 14

NO PRIOR STUDY REQUIRED A satisfactory grade in NCEA Level 2 Art. Special admission through entry test.

MAIN AREAS OF STUDY: Student directed theory and practical work.

METHODS: Research, drawing, printmaking, journal documentation, field trips and workshops.

CAREER RELEVANCE/POSSIBILITIES: All art and design careers.

COST EQUIPMENT: Materials starter pack approximately \$80. Materials up to the value of \$100 may need to be purchased during the course.

VISUAL ARTS – PAINTING/PRINTMAKING (12ART)

LEVEL: NCEA Level 2 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 12 Externally assessed credits: 12

PRIOR STUDY REQUIRED: Achievement in NCEA Level 1 Visual Arts or permission from HOD Visual Arts.

MAIN AREAS OF STUDY: teacher and student directed theory and practical work

METHODS: Research drawing, painting, printmaking, journal documentation.

CAREER RELEVANCE/POSSIBILITIES: All visual arts and design careers, architecture.

COST/EQUIPMENT: Materials starter pack approximately \$80. Materials to the value of \$60 may need to be purchased during the course.

VISUAL ARTS – CRAFT (12ARC)

LEVEL: NCEA Level 2 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits : 12 Externally assessed credits: 12

NO PRIOR STUDY REQUIRED however, Level 1 Visual Arts Craft is preferable

MAIN AREAS OF STUDY: teacher and student directed theory and practical work

METHODS: research, drawing, design, modeling, maquette-making, constructing with various materials, clay-work, weaving, digital photography, journal documentation

CAREER RELEVANCE/POSSIBILITIES: Tertiary visual arts, craft, textile, jewelry, sculpture, spatial design courses.

COST/EQUIPMENT: Materials starter pack approximately \$80. Materials to the value of \$50 may need to be purchased during the year.

VISUAL ARTS – CRAFT (13ARC)

LEVEL: NCEA Level 3 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 10 Externally assessed credits: 14
(individualised programmes may also be offered)

PRIOR STUDY REQUIRED Achievement in Level 2 Visual Arts Craft or permission from HOD Visual Arts

MAIN AREAS OF STUDY: student directed theory and practical work

METHODS: research, drawing, design, modeling, maquette-making, constructing with various materials, clay-work, weaving, digital photography, folio production

CAREER RELEVANCE/POSSIBILITIES: Tertiary visual arts, craft, textile, jewelry, sculpture, spatial design courses.

COST/EQUIPMENT: Materials starter pack approximately \$80. Further materials will need to be purchased during the year, the costs will depend on a student's individual program of work.

VISUAL ARTS – PHOTOGRAPHY (12PHO)

LEVEL: NCEA Level 2 Achievement Standards: 24 credits (4 credits Unit Standard also offered)

ASSESSMENT: Internally assessed credits : 12 Externally assessed credits : 12

NO PRIOR STUDY REQUIRED

MAIN AREAS OF STUDY: teacher and student directed theory and practical work

METHODS: research, image analysis, camera techniques and darkroom skills, digital processes, post-print manipulation journal documentation.

CAREER RELEVANCE/POSSIBILITIES: career in photography (eg commercial, forensic, industrial, medical, fashion, documentary) and allied fields: screen printing, publishing, photo journalism, laboratory work, photo finishing, Visual Arts and Design.

COST/EQUIPMENT: materials starter pack approximately \$150. Depending on how efficiently a student works, he/she may need to purchase up to \$150 on more film and photographic paper. Students require an SLR camera with manual override with 35 – 80 mm lens (or similar).

VISUAL ARTS – PHOTOGRAPHY (13PHO)

LEVEL: NCEA Level 3 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 10 Externally assessed credits: 14

PRIOR STUDY PREFERRED: Achievement in Level 2 Photography or permission form HOD Visual Arts

MAIN AREAS OF STUDY: student directed theory and practical work

METHODS: research, image analysis, camera techniques and darkroom skills, digital processes, post-print manipulation journal documentation, folio presentation

CAREER RELEVANCE/POSSIBILITIES: career in photography (eg commercial, forensic, industrial, medical, fashion, documentary) and allied fields: screen printing, publishing, photo journalism, laboratory work, photo finishing, Visual Arts and Design.

COST/EQUIPMENT: materials starter pack of materials costs approximately \$175. Depending on how efficiently a student works, he/she may need to purchase up to \$250 on more film and paper. Students require an SLR camera with manual override with 35 – 80 mm lens (or similar) and a tripod.

DANCE (12DAN)

LEVEL: NCEA Level 2 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 16

Externally assessed credits: 8

PRIOR STUDY NOT REQUIRED but desirable.

MAIN AREA OF STUDY: contemporary dance technique, dance choreography, ethnic dance, dance performance, dance theory

METHOD: practical work, theoretical study, rehearsal and performance, reflection and evaluation via journal work.

CAREER RELEVANCE/POSSIBILITIES: television, performing arts, dancer, choreography, teaching, theatre

COST/EQUIPMENT: Students will attend a range of performances during the year. Costs will apply for each of these. Also student must cover the cost of video tapes, costumes and expenses incurred by visiting tutors.

DRAMA (12DRA)

LEVEL: NCEA Level 2 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed: 19 credits

Externally assessed: 5 credits

NO PRIOR STUDY REQUIRED: but desirable

MAIN AREAS OF STUDY: Practical work in theatre skills, voice, movement, characterization. Introduction to technical aspects such as lighting, sound, costume, set and staging design, stage management and directing. Aspects of theatre history and performance theory are studied as well as script analysis and devising.

METHODS: Practical work in rehearsal, devising and performance, theoretical study, research tasks. Reflection and evaluation via journal work.

CAREER RELEVANCE/POSSIBILITIES: Skills gained in this course have application to a number of communication oriented careers, apart from the obvious theatre, TV and radio possibilities.

COST/EQUIPMENT: \$20 plus costs associated with viewing three live theatre performances.

DRAMA (13DRA)

LEVEL: NCEA Level 3 Achievement Standards: 20 credits + Level 3 Unit Standard, Internally assessed: 6 credits

ASSESSMENT: Internally assessed AS: 16 credits

Externally assessed AS: 4 credits.

Total credits: 26

PRIOR STUDY REQUIRED: At least NCEA Level 1 Drama or permission from HOD Drama

MAIN AREAS OF STUDY: Practical work in theatre skills, voice, movement, character development, script writing and group and solo performance. Technical work in lighting, sound and design. Script and character analysis, theatre theory study and performance development.

METHODS: Practical work in rehearsal, script development, solo and group performance, theoretical study and research tasks, reflection, critique and analysis development via journal work.

CAREER RELEVANCE/POSSIBILITIES: Skills gained in this course have application to a number of communication oriented careers, apart from the obvious theatre, TV and radio possibilities.

COST/EQUIPMENT: \$20 plus cost associated with viewing three live theatre performances.

MUSIC (12MUS)

LEVEL: NCEA Level 2 Achievement Standards : 24 credits

ASSESSMENT: Internally assessed credits : 20

Externally assessed credits : 4

PRIOR STUDY REQUIRED: At least Achieved in NCEA Level 1 Music 1.1, solo performance or permission from the HOD Music.

Must be having tuition on an instrument for performance assessments.

MAIN AREAS OF STUDY: Performance, Composition, Theory, Aural, Music History.

COST/EQUIPMENT: Should have own instrument. Students MUST be learning their instrument, either through the itinerant system at school, or privately. Students not attending lessons will not be able to take this subject. Materials costs \$10

MUSIC (13MUS)

LEVEL: NCEA Level 3 Achievement Standards and Unit standards. Approx. 20 – 40 credits

ASSESSMENT: Mixture of internal and external assessment

PRIOR STUDY REQUIRED/PREFERRED: Year 11 and/or Year 12 Music or permission from the HOD Music. Must be a competent performer and be undergoing tuition on an instrument.

MAIN AREAS OF STUDY: Performance, Composition, Arranging, Theory, Aural, Music History, Music technology

COST/EQUIPMENT: Students need their own instrument, (or a rental from outside of school – eg KBB) and **MUST** be learning their instrument, either through the itinerant system at school, or privately. Students not attending lessons will not be able to take this subject.

Materials costs \$15

STAGE AND PERFORMING ARTS (12SPA)

LEVEL: NCEA Level 2 & 3 Unit Standards: 26 or more credits (depending on options)

ASSESSMENT: Internally assessed credits:

PRIOR STUDY REQUIRED. Stage and Performing Arts Level 1 preferred, or extensive participation in SPA in extra-curricula.

MAIN AREAS OF STUDY: Interdisciplinary performance, research, script analysis and production including choreography and/or technical stage work.

METHODS: Practical, written and theatrical work.

CAREER RELEVANCE/POSSIBILITIES: Leads to professional theatre employment and tertiary study in all aspects of stage and production.

COSTS/EQUIPMENT: Materials costs \$30 ; Optional extra curricular workshops may incur an additional cost.

STAGE AND PERFORMING ARTS (13SPA)

LEVEL: NCEA Level 3 Unit Standards :

ASSESSMENT: Internally assessed credits: Individual programmes of 24 or more credits.

PRIOR STUDY REQUIRED. Stage and Performing Arts Level 2 preferred, but may enter if prior knowledge is demonstrable.

MAIN AREAS OF STUDY: Production: Stage and film, Performance and technical support, including choreography and stage management.

METHODS: Practical, written and theatrical work.

CAREER RELEVANCE/POSSIBILITIES: Leads to professional theatre employment and tertiary study in all aspects of stage and production.

COSTS/EQUIPMENT: Materials costs \$30.

BUSINESS FACULTY

BUS

ACCOUNTING (12ACC)

LEVEL: NCEA Level 2 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 7
Externally assessed credits: 17

PRIOR STUDY REQUIRED: 16 Level 1 NCEA Accounting credits.

MAIN AREAS OF STUDY: Accounting involves the recording of financial information, the presentation of financial reports and the analysis of financial information. It is an in depth study of basic Accounting principles, processes and systems.

METHODS: Work in Accounting involves reading, exercises, tests, assignments, exams.

CAREER RELEVANCE/POSSIBILITIES: This course provides a foundation for further study at tertiary institutions. It also provides skills needed for recording financial information, and for general office work.

COST/EQUIPMENT: Students provide their own stationery, specialised accounting paper may be required. Student workbooks about \$25.

ACCOUNTING FOUNDATION (12ACF)

LEVEL: NCEA Level 1 Achievement Standards: 18 credits; Level 2 Achievement Standards: 3 credits

ASSESSMENT: Internally assessed credits: 10
Externally assessed credits: 11

NO PRIOR STUDY REQUIRED: This course is for beginners in Accounting with 3 years secondary English.

MAIN AREAS OF STUDY: This course is designed for students with little understanding of Accounting. It aims to prepare students for study in Accounting at Level 2 or Level 3. It covers basic accounting including the recording of financial events and presentation of financial information in the Statements of Financial Position and Performance.

METHODS: Work involves exercises, case studies, tests, and exams.

CAREER RELEVANCE/POSSIBILITIES: This course provides valuable business vocabulary and a foundation for further study in Accounting and Economics.

COST/EQUIPMENT: Students provide their own stationery. Student workbooks about \$15.

ACCOUNTING (13ACC)

LEVEL: NCEA Level 3 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 5

Externally assessed credits: 19

PRIOR STUDY REQUIRED: 15 Level 2 Accounting credits

MAIN AREAS OF STUDY: Level 3 Accounting provides an understanding of accounting concepts, processes, reporting and systems for companies, partnerships and manufacturing entities.

METHODS: Reading, exercises, case studies, tests, exams.

CAREER RELEVANCE/POSSIBILITIES: This course provides a foundation for further study at tertiary institutions. It also provides skills needed for careers in finance.

COST/EQUIPMENT: Students provide their own stationery, specialised accounting paper may be required. Student workbooks about \$20.

ECONOMICS (12ECO)

LEVEL: NCEA Level 2 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 6

Externally assessed credits: 18

PRIOR STUDY PREFERRED: Three years secondary English or 16 Level 1 Economics credits.

MAIN AREAS OF STUDY: In Economics skills are developed that help in understanding Economic decisions made in the political world, and the effect of these decisions on New Zealanders and their standards of living. The course covers an introduction on the issues of employment, growth, inflation, international trade and inequality.

METHODS: Work in Economics involves reading, worksheets, tests, research, essays, exams etc.

CAREER RELEVANCE/POSSIBILITIES: This course provides a foundation for further study at tertiary institutions. It also is a good one year course providing general educational skills for every day living.

COST/EQUIPMENT: Students are to provide their own stationery. Workbook about \$30.

ECONOMICS FOUNDATION (12ECF)

LEVEL: NCEA Level 1 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 5

Externally assessed credits: 19

NO PRIOR STUDY REQUIRED: Less than 16 Level 1 Economics credits, or students previously enrolled in 11EAF course.

MAIN AREAS OF STUDY: This course is designed for students with little understanding of NZ Economics. It aims to prepare students for study in Economics at Level 3. It covers basic principles of economics such as scarcity, allocation of resources and demand and supply. The course makes use of Year 12 texts, but also provides students with many of the vocabulary and skills necessary in Year 13.

METHODS: Work involves exercises, research, case studies, tests and exams.

CAREER RELEVANCE/POSSIBILITIES: This course provides valuable economic vocabulary and a foundation for further study in Economics. It also is a good one year course providing general educational skills for everyday living.

COST/EQUIPMENT: Students provide their own stationery. Student workbook about \$ 25.

ECONOMICS (13ECO)

LEVEL: NCEA Level 3 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits: 5

Externally assessed credits: 19

PRIOR STUDY PREFERRED: 15 Level 2 Economics credits.

MAIN AREAS OF STUDY: Level 3 Economics provides an understanding of how decisions are made about the use of scarce resources and an understanding of economic activity that enables participation in that economy. The course develops skills in thinking, investigation, analysis, interpretation and decision making. It is divided into three sections: Resource allocation via the market system, allocation via the public sector, and aggregate economic activity and policy.

METHODS: Work in Economics involves reading, worksheets, tests, research, essays, exams etc.

Credits may be gained for various university and tertiary courses.

CAREER RELEVANCE/POSSIBILITIES: This course provides a foundation for further study at tertiary institutions. It also provides general educational skills for every day living.

COST/EQUIPMENT: Students are to provide their own stationery. Student Workbook about \$20.

ECONOMICS NON-SPECIALISTS (13ECN)

LEVEL: NCEA Level 3 Achievement Standards: 18 credits

ASSESSMENT: Internally assessed credits: 5
Externally assessed credits: 13

PRIOR STUDY PREFERRED: Less than 15 Level 2 Economics credits. It is usual, but not essential, for students to have studied NZ Economics previously. Beginners must have excellent English skills and have demonstrated a satisfactory level of achievement in other subjects at Level 2.

MAIN AREAS OF STUDY: Level 3 Economics provides an understanding of how decisions are made about the use of scarce resources and an understanding of economic activity that enables participation in that economy. The course develops skills in thinking, investigation, analysis, interpretation and decision making. It is divided into three sections: Resource allocation via the market system, allocation via the public sector, and aggregate economic activity and policy.

METHODS: Work in Economics involves reading, worksheets, tests, research, essays, exams etc.

Credits may be gained for various university and tertiary courses.

CAREER RELEVANCE/POSSIBILITIES: This course provides a foundation for further study at tertiary institutions. It also provides general educational skills for every day living.

COST/EQUIPMENT: Students are to provide their own stationery. Student Workbook \$20

BUSINESS (12BUS)

LEVEL: NCEA Level 3 Unit Standards: 24 credits

ASSESSMENT: All internally assessed

NO PRIOR STUDY REQUIRED: There are no pre-requisites for this course, although good English skills are required.

MAIN AREAS OF STUDY: The course provides students with an introduction to Human Resources, Marketing, Workplace Communication and Problem Solving. Topics covered include how to form effective work relationships, motivation, dealing with change, marketing mix and plans, how to market a product, tools for communicating effectively.

METHODS: Work in Business Studies focuses on application of practical skills and includes case studies, assignments, tests and exams.

CAREER RELEVANCE/POSSIBILITIES: The course prepares students for further tertiary study in Business and Management or entering the workforce as an employee or becoming a self-employed entrepreneur.

COST/EQUIPMENT: Students provide their own stationery. The field work involves trips out of school and this involves minor transport / entry costs. There may be a small charge for workbooks that students keep.

BUSINESS (13BUS)

LEVEL: NCEA Level 3 and 4 Unit Standards: up to 24 credits

ASSESSMENT: All internally assessed

NO PRIOR STUDY REQUIRED: There are no pre-requisites for this course, although good English skills are required.

MAIN AREAS OF STUDY: This is a new unit standard course, designed to provide students with an in-depth understanding of important management concepts. The proposed course outline (to be confirmed) includes modules of work on Management and Law, with an emphasis on applying skills required in businesses. The course is practical, focusing on group work and on-going assignments, rather than on exams, and further develops organisation and time management skills. Topics covered include how to be an effective manager and leader, the role and functions of managers, personal and workplace responsibilities and what to do in different legal situations.

METHODS: Work in Business Studies focuses on application of practical skills and includes case studies, individual and group work and verbal and non-verbal presentations, assignments and field work. Work involves worksheets, tests, field work, assignments and report writing.

CAREER RELEVANCE/POSSIBILITIES: The course prepares students for further tertiary study in Business and Management or entering the workforce as an employee or becoming a self-employed entrepreneur.

COST/EQUIPMENT: Students provide their own stationery. The field work involves trips out of school and this involves minor transport / entry costs. There may be a small charge for workbooks that students keep.

HEALTH (12HTH)

LEVEL: NCEA Level 2 Achievement Standards : 24 credits

ASSESSMENT: 60% externally assessed ; 40 % internally assessed.

PRIOR STUDY REQUIRED: NCEA Health – Level 1 Hauora 1.1

MAIN AREAS OF STUDY: Adolescent health issues, mental health, health promotion, personal safety in interaction with others, issues associated with gender and sexuality.

METHODS: Co-operative activities, research assignments, discussion groups, learning journals.

CAREER RELEVANCE/POSSIBILITIES: Health develops personal and social responsibility for any career. Wide range of health related careers including nursing, child care, health promotion, teaching.

COST/EQUIPMENT: Students are required to provide their own stationery including presentation folders for the 2 internally assessed standards. There may be some small transport costs involved for class trips.

HAUORA (12HAU)

LEVEL: NCEA Level 2 and 3 Unit Standards : 21 credits

ASSESSMENT: 100% internally assessed.

PRIOR STUDY REQUIRED: NCEA Health – Level 1: 1.1 or 1.5 or 1.6

MAIN AREAS OF STUDY: Discrimination, harassment, and safety issues. Sexuality and gender issues. Mental Health, Body Image, Drug and Alcohol use.

METHODS: Co-operative activities, research assignments, discussion groups, learning journals.

CAREER RELEVANCE/POSSIBILITIES: Health develops personal and social responsibility for any career. A wide range of health related careers including child care and nursing.

COST/EQUIPMENT: Students are required to provide their own stationery including presentation folders.

HEALTH (13HTH)

LEVEL: NCEA Level 3 Achievement Standards : 23 credits

ASSESSMENT: 40% externally assessed ; 60 % internally assessed.

PRIOR STUDY REQUIRED: Level 2 Health an advantage. A good level of English is needed.

MAIN AREAS OF STUDY: National and international health issues, health promotion, contemporary health practices in NZ, societal issues relating to alcohol.

METHODS: Work at Level 3 focuses on applying the concepts of hauora, health promotion, social justice and mental health to specific health issues. Activities will include individual and group research, group discussion, gathering data, case studies, assignments and learning journals.

CAREER RELEVANCE/POSSIBILITIES: Wide range of health related careers – eg medicine, childcare, health promotion, teaching.

COST/EQUIPMENT: Students are required to provide their own stationery including presentation folders for the 2 internally assessed standards. There may be some small transport costs involved for class trips.

PHYSICAL EDUCATION (12PHE)

LEVEL: NCEA Level 2 Achievement Standards and Unit Standards: 23 credits

ASSESSMENT: 100% Internal

PRIOR STUDY REQUIRED/PREFERRED: Minimum 9 credits in Level 1 PE. A good level of English and Science an advantage

MAIN AREAS OF STUDY: Level 2 P.E. is primarily an academic course examining:

- Anatomy, Physical Fitness
- Outdoor Education Motor Skill Learning
- Leadership Exercise physiology
- Skill Teaching, Training Principles Biomechanics

METHODS: Assignments, experiments, research. Exams / Tests, Performance Assessments.

CAREER RELEVANCE/POSSIBILITIES: Physiotherapy, Sports, Adventure Tourism, Recreation and Health related careers. Fitness Industry. Physical Education Teaching. Sport Management.

COST/EQUIPMENT: Students work book \$20. Camp Costs – Term One \$110 plus Food.

PHYSICAL EDUCATION (13PHE)

LEVEL: NCEA Level 3 Achievement Standards: 24 credits

ASSESSMENT: 100% Internal

PRIOR STUDY REQUIRED/PREFERRED: Maths, Biology, Physics.

Pre-requisite: 14 credits in Level 2 PE or English.

MAIN AREAS OF STUDY: An academic study of three areas of Physical Education:

- Physical Fitness, Training Principles, Anatomy, Physiology
- Biomechanics, analysis of sports activity, skill acquisition
- Leisure studies, analysis of recreational pursuits and involvement

METHODS: Long term on going practical work. Experiments, surveys, research, video analysis. Student MUST be self motivated. No more than 20 in class.

CAREER RELEVANCE/POSSIBILITIES: Teaching P.E, Sports medicine, Physiotherapy, Recreation and Health related careers

COST/EQUIPMENT: Student work book \$15, Golf \$ 80

RECREATION (PHYSICAL EDUCATION) (12REC)

LEVEL: Year 12 – Level 2 Unit Standards

ASSESSMENT: Unit Standards: 9 credits

PRIOR STUDY REQUIRED/PREFERRED: Year 11 Physical Education.

MAIN AREAS OF STUDY: This course combines Social Education, Physical Education and Health and Recreation. The focus of this course will be on leadership, participation in outdoor pursuits and career planning.

METHODS: On going practical work, notes. Students MUST be self motivated.

COST/EQUIPMENT: The cost of the outdoor pursuits options will range from nil to approximately \$ 200 for the year.

SPORTS LEADERSHIP (PHYSICAL EDUCATION) (12SPO)

LEVEL: YEAR 12/13 - Level 1, 2 and 3 Unit standards :

ASSESSMENT: Unit Standards: 19 credits

NO PRIOR STUDY REQUIRED

MAIN AREAS OF STUDY: Coaching, communication, nutrition, fitness concepts, sport injuries, First Aid, Sports Marketing, Event Management. A strong focus is leadership skills and roles. First Aid course included.

QUALIFICATIONS: Coaching Association of New Zealand Level 1 (Unit Standard 5361)

First Aid Certificate (Unit Standards 6401 and 6402)

Kiwisport Leadership Award

Sportfit Leadership Award

CAREER RELEVANCE/POSSIBILITIES: Health and Recreation Careers, Coaching, Fitness Industry

COST: Student folder \$5.

SPORTS STUDIES (PHYSICAL EDUCATION) (13SPS)

LEVEL: Level 3 Unit Standards:

ASSESSMENT: Unit Standards: 15 credits

NO PRIOR STUDY REQUIRED

MAIN AREAS OF STUDY: This course focuses on sport. Students will examine exercise techniques, nutrition, skill learning and officiating / refereeing. Students should be involved in school or club soccer, netball, rugby, basketball or hockey.

CAREER RELEVANCE/POSSIBILITIES: Health and Recreation Careers, Coaching, Fitness Industry.

COST: Student workbook - \$5.00

LANGUAGE and LANGUAGES FACULTY

LAN

ENGLISH (12ENG)

LEVEL: NCEA Level 2 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits : 12

Externally assessed credits: 12

PRIOR STUDY REQUIRED: Three years of secondary English

MAIN AREAS OF STUDY: This challenging course continues and expands on the NCEA Level 1, covering speaking, listening, writing, reading, presenting, and viewing. Reading and writing credits from this course count towards the literacy requirement for university entrance.

METHODS: Research assignment based on a literature or language topic, wide reading, visual presentations, drama activities, speeches, and creative writing.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Level 2

CAREER RELEVANCE/POSSIBILITIES: A foundation for all academic study, and a basis for all vocations requiring verbal skills.

COST/EQUIPMENT: Usual writing materials.

ENGLISH LANGUAGE SUPPORT (12ELS)

For students from language backgrounds other than English

LEVEL: NCEA Level 2 ESOL Unit Standards. An option for senior students requiring additional English language support.

NO PRIOR STUDY REQUIRED

CO-REQUISITE: Students must also enrol in 12ESL

MAIN AREAS OF STUDY: Intensive language study to increase listening, speaking, reading and writing skills. Subject support will also be given to those students who need help in coping with the English language demands of mainstream subjects.

METHODS: A variety of interactive strategies and techniques will be used to help increase language skills.

CAREER RELEVANCE/POSSIBILITIES: An interim course designed to help students understand English skills required in mainstream subjects and make a smooth transition to a full programme.

ENGLISH as a SECOND LANGUAGE (12ESL)

For students from language backgrounds other than English

LEVEL: NCEA Level 1 English Unit Standards, Level 2 ESOL Unit Standards. **Level 1 Literacy**

PRIOR STUDY REQUIRED: A pre-entry test.

CO-REQUISITE: All students in this class must also enroll in 12ELS

MAIN AREAS OF STUDY: A series of language intensives to increase listening, speaking, reading and writing skills and achieve the required standards towards the literacy components of NCEA.

METHODS: A variety of interactive strategies and techniques will be used to help increase language skills and achieve the unit standards studied.

CAREER RELEVANCE/POSSIBILITIES: The necessary Level 1 literacy component for NCEA.

ENGLISH FOR FURTHER STUDY (12EFS)

For students from language backgrounds other than English

LEVEL: NCEA Level 2 Unit Standards and Achievement Standards

ASSESSMENT: Internal. This course is the first year of a two year course 12EFS in 2007 and 13EAP + 13IEL in 2008. The level 2 reading standard is offered in 12EAP

PRIOR STUDY REQUIRED/PREFERRED: A pre-entry test will be given to determine the language level.

MAIN AREAS OF STUDY: Over the **two years** students are prepared for the for the Level 2 literacy standards required for entrance into University. 12EFS focuses on developing reading, writing listening and speaking skills at the post intermediate level. Assessment is carried out in appropriate NCEA standards.

METHODS: Practice exercises in the four skills, assignments, speeches, tests.

CAREER RELEVANCE/POSSIBILITIES: Preparation for 13EAP.

COSTS: \$25 for a vocabulary workbook

ENGLISH FOR ACADEMIC PURPOSES (12EAP)

For students from language backgrounds other than English

LEVEL: NCEA Levels 1 and 2 Unit Standards and Achievement Standards, Level 3 ESOL Unit Standards

ASSESSMENT: Internal. This course is the first year of a two year course 12EAP in 2007 and 13EAP in 2008.

The level 2 reading standard is offered in 12EAP, while the writing standard is offered in 13EAP

PRIOR STUDY REQUIRED/PREFERRED: A pre-entry test will be given to determine the language level.

MAIN AREAS OF STUDY: Over the **two years** students are prepared for the for the Level 2 literacy standards required for entrance into University. 12EAP focuses on developing reading, writing listening and speaking skills at the pre-advanced level. Assessment is carried out in appropriate NCEA standards.

METHODS: Practice exercises in the four skills, assignments, speeches, research, tests.

CAREER RELEVANCE/POSSIBILITIES:

COSTS: \$25 for a vocabulary workbook

ENGLISH FOR ACADEMIC PURPOSES (13EAP)

For students from language backgrounds other than English

LEVEL: NCEA Level 2 Unit Standards and Level 2 Achievement Standards, ESOL Level 3 Unit Standards. **Level 2 Literacy**

ASSESSMENT: Internal and External

CO-REQUISITE COURSES: Students with less than adequate English skills **must** also enrol in 13IEL. Students with an adequate level of English, who may be intending to study overseas in 2008, or to enrol in a course in New Zealand which requires an IELTS grade, **should** also enrol in 13IEL

PRIOR STUDY REQUIRED/PREFERRED: A pre-entry test will be given to determine the language level.

MAIN AREAS OF STUDY: For most students 13EAP is the second year of a two year course which prepares students for the Level 2 literacy standards required for entrance into university. 13 EAP focuses on developing reading, writing listening and speaking skills at the advanced level. Assessment is carried out in appropriate NCEA standards.

METHODS: Practice exercises in the four skills, assignments, speeches, research, tests.

CAREER RELEVANCE/POSSIBILITIES: Fulfillment of literacy requirements for university entrance.

COSTS: \$25 for a vocabulary workbook.

Note: Year 13 students with less than the adequate level for this course will need to enrol in 13IEL.

ENGLISH FOR IELTS (13IEL)

For students from language backgrounds other than English

LEVEL: IELTS (International English Language Testing System) for students who may be planning to study in New Zealand institutions which require IELTS grades for entry, or to study overseas.

ASSESSMENT: External

CO-REQUISITE COURSE: Students enrolled in this course must also enrol in 13EAP.

PRIOR STUDY REQUIRED/PREFERRED: A pre-entry test will be given to determine the language level.

MAIN AREAS OF STUDY: The focus of this course is the preparation of students for the IELTS exam. Students will also expand vocabulary, practice formal writing, improve comprehension of a variety of academic texts, improve listening accuracy and practice formal interviews. Subject support will also be given to those students who need help in coping with the English language demands of mainstream subjects.

METHODS: Practice exercises in the four skills, assignments, interviews, practice in the four parts of the IELTS exam.

CAREER RELEVANCE/POSSIBILITIES: An IELTS examination grade is required by some New Zealand and most overseas tertiary institutions. IELTS is now recognised internationally as the standard English qualification for tertiary study.

COSTS: IELTS examination entry fee \$250 (subject to change)

COMMUNICATIONS ENGLISH (12CEN)

LEVEL: NCEA Level 1 and 2 Unit Standards :

ASSESSMENT: Internally assessed credits : 24

PRIOR STUDY REQUIRED: Study at Year 11 or 12 level.

MAIN AREAS OF STUDY: Oral and written language with an emphasis on the development of communication skills. Covers interpersonal speaking and listening as well as being an effective communicator in the work place.

METHODS: Reading, Writing, Speaking.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Communications English is a course which gives you credits towards English and Communications Unit Standards English. It also covers the reading requirements for level 2 literacy. Writing requirements will be covered the following year in 13CEN. Units also gain credit towards the National Certificate in Employment Skills.

CAREER RELEVANCE/POSSIBILITIES: The effective use of English is an asset in all situations

COST/EQUIPMENT: Usual writing materials.

ENGLISH (13ENG)

LEVEL: NCEA Level 3 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits : 12

Externally assessed credits: 12

PRIOR STUDY REQUIRED: At least 12 credits from NCEA Level 2 English.

MAIN AREAS OF STUDY: A stimulating, in depth study of a range of major literary works including New Zealand Literature. Students develop their critical and analytical abilities, together with sensitivity of language and ideas.

METHODS: Class and group discussions, seminars, assignments, essays.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: A basis for all vocations demanding creative and analytical skills. Many employers see an English grade as a sign of overall ability.

COST/EQUIPMENT: Usual writing materials.

COMMUNICATIONS ENGLISH (13CEN)

LEVEL: NCEA Level 2 and 3 Unit Standards :

ASSESSMENT: Internally assessed credits : 20

PRIOR STUDY REQUIRED: Study at Year 12 (either Year 12 CEN or Year 12 ENG).

MAIN AREAS OF STUDY: The course expands on Level 2 English courses, concentrating on the development of visual, oral and written skills. There is a particular focus on developing language skills necessary for both interpersonal communication and communicating in the work place.

METHODS: Reading, Writing, Speaking, Listening.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Communications English is a course that offers the reading and writing standards necessary to fulfill the literacy requirements for entrance to University. Both English and Communications Unit standards are offered.

CAREER RELEVANCE/POSSIBILITIES: The effective use of English is an asset in all situations.

COST/EQUIPMENT: Usual writing materials.

MEDIA STUDIES – Journalism (12MDJ)

LEVEL: NCEA Level 2 Achievement Standards

ASSESSMENT: Internally assessed credits: 12

Externally assessed credits: 6

PRIOR STUDY REQUIRED: Satisfactory level of achievement in Year 11 English.

MAIN AREAS OF STUDY: Interviewing, news and feature writing, editing, design layout, magazine and newspaper production, report writing.

METHODS: Discussion and lectures, practical production work, outside visits and speakers.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Level 2

CAREER RELEVANCE/POSSIBILITIES: Media, Journalism, Publishing, Public Relations.

COST/EQUIPMENT: \$15 Level 2 Course workbook. Usual writing materials.

MEDIA STUDIES - Film (12MDF)

LEVEL: Level 2 Achievement Standards

ASSESSMENT: Internally assessed credits: 12

Externally assessed credits: 6

PRIOR STUDY PREFERRED: Satisfactory level of achievement in Year 11 English.

MAIN AREAS OF STUDY: A detailed, refreshing look at short and feature film; Directors and the language of film; audiences, production includes scripting for and video narratives. Video productions will enhance your experience in the following areas: camera work, direction editing, live mixing, lighting and sound.

METHOD: Close reading and analysis of film and television programmes; script writing skills; peer seminars, video production, live event recording. Each student will also be required to keep a Film/TV journal.

RELATIONSHIP TO TERTIARY QUALIFICATIONS: Level 2 – A qualification in Film and T.V. Studies is a necessary pre-requisite for tertiary courses in communications and media studies. Knowledge of the Film/Television media will be advantageous when applying for other media courses such as: journalism, photography, and advertising.

CAREER RELEVANCE/POSSIBILITIES: Creative flair combined with a critical understanding of the visual media can lead to careers in advertising; communications; publishing; marketing and promotional work; television and film.

COST/EQUIPMENT: \$15 Level 2 Course workbook. Students must have out-of-school access to a T.V. and Video / DVD.

MEDIA STUDIES (13MED)

LEVEL: NCEA Level 3 Achievement Standards

ASSESSMENT: Internally assessed credits: 12 (or option of up to 15)

Externally assessed credits: 6

PRIOR STUDY PREFERRED: Level 2 Media Studies (Film or Journalism) or satisfactory level of achievement in Level 2 English.

MAIN AREAS OF STUDY: Exploration of media languages, the history of media in New Zealand and the development of media genre in relationship to society. Production of a media product.

METHODS: Analysing visual, audio and print media. Developing skills for gathering and presenting information. Production of own items across the range of media.

RELATIONSHIP TO TERTIARY QUALIFICATIONS: Level 3 - A course in Media studies will prove a reliable pre-requisite for tertiary courses in communications, advertising, journalism, and a variety of industry training courses for television.

CAREER RELEVANCE/POSSIBILITIES: The skills you gain from this course will assist your communication in all fields and can lead to careers in communications, advertising, public relations, journalism, publishing and television. It will also assist students studying literature and marketing.

COST/EQUIPMENT: \$15 Level 3 coursebook..

CHINESE (MANDARIN) (12CHI)

LEVEL: NCEA Level 2 Achievement Standards

ASSESSMENT: Internally assessed credits : 9
Externally assessed credits: 15

PRIOR STUDY REQUIRED: Levels 1 – 6 of the Chinese Curriculum (Year 9 – 11) or equivalent competency as determined by the HOD.

MAIN AREAS OF STUDY: School Life, Hobbies and Leisure time, travel and transport, Health and wellbeing, future plans, interpersonal relationships and the world of work.

METHODS: The teaching of Mandarin Chinese at this level aims at the development of the four language skills: listening, speaking, reading and writing, as well as Chinese-English translation skills. The development of writing, reading and basic Chinese-English translation skills are considered the key components of this course.

CAREER RELEVANCE/POSSIBILITIES: With the strong ties being developed between New Zealand and Chinese-speaking countries, career opportunities are increasing in trade, tourism, education, diplomacy, and technology amongst many others.

COST/EQUIPMENT: \$10 for vocabulary workbooks

CHINESE (MANDARIN) (13CHI)

LEVEL: NCEA Level 3 Achievement Standards

ASSESSMENT: Internally assessed credits : 9
Externally assessed credits: 15

PRIOR STUDY REQUIRED: Levels 1 – 7 of the Chinese Curriculum (Year 9 – 12) or equivalent competency as determined by the HOD.

MAIN AREAS OF STUDY: School Life and leisure time, young people's world, friendships, interpersonal relationships, regions in a Chinese speaking country, media, traditional stories, art and leisure.

METHODS: A communicative approach is adopted which is activity based, interactive and learner centred. Learners are encouraged to use the language for real, purposeful communication in a range of contexts. The development of writing and Chinese – English translation skills is considered the key component of this course.

CAREER RELEVANCE/POSSIBILITIES: Chinese is a significant language for NZ because of the strong ties being developed with Chinese-speaking countries. Career opportunities exist in trade, tourism, education, diplomacy and technology amongst many others.

COST/EQUIPMENT: \$10 for vocabulary workbooks

GERMAN (12GER)

LEVEL: NCEA – Level 2 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits : 9 (Speaking and Writing)
Externally assessed credits : 15 (Listening, Reading and Writing)

PRIOR STUDY REQUIRED: NCEA Level 1 German.

MAIN AREAS OF STUDY: Personal relationships / Future Plans / Health and well-being / Leisure / Latest trends / German speaking countries / Traditional stories.

METHODS: The communicative approach is used encouraging learners to engage in meaningful communication in German: German is used as much as possible in the learning environment and interactive, learner-centred activities are central to the programme. The methods involve listening, speaking, reading and writing.

CAREER RELEVANCE/POSSIBILITIES: Business, Diplomatic Service, Trade, Foreign Banking, Community Service, International Law, Tourism, Science, Engineering, Technology, Politics, Music.

COST/EQUIPMENT: Nil.

GERMAN (13GER)

LEVEL: NCEA – Level 3 Achievement Standards: 24 credits

ASSESSMENT: Internally assessed credits : 9
Externally assessed credits : 15

PRIOR STUDY REQUIRED: NCEA Level 2 German.

MAIN AREAS OF STUDY: A region in Germany / Getting a job / The creative arts / Our changing world / Environmental issues / Social cohesion in Germany or German-speaking countries / Media.

METHODS: The communicative approach is used encouraging learners to engage in meaningful communication in German: German is used as much as possible in the learning environment and interactive, learner-centred activities are central to the programme. The methods involve listening, speaking, reading and writing.

CAREER RELEVANCE/POSSIBILITIES: Business, Diplomatic Service, Trade, Foreign Banking, Community Service, International Law, Tourism, Science, Engineering, Technology, Politics, Music.

COST/EQUIPMENT: Nil

JAPANESE (12JAP)

LEVEL: NCEA Level 2 Achievement Standards

ASSESSMENT: Internally assessed credits : 6

Externally assessed credits: 15

PRIOR STUDY REQUIRED: NCEA level 1 Japanese or equivalent.

MAIN AREAS OF STUDY: The following topics are to be covered:

1 Family Life, 2 Eating and Drinking, 3 The Japanese School System, 4 Leisure Activities.

METHODS: Further development of reading, speaking, listening and writing skills.

CAREER RELEVANCE/POSSIBILITIES: Trade, Tourist Industry, Business, Law, Science, Teaching (Education).

COST/EQUIPMENT: \$10 for vocabulary workbooks

JAPANESE (13JAP)

LEVEL: NCEA Level 3 Achievement Standards

ASSESSMENT: Internally assessed credits : 6

Externally assessed credits: 15

PRIOR STUDY REQUIRED: NCEA Level 2 Japanese or equivalent.

METHODS: Reading, writing, speaking and listening are developed through a variety of tasks. Japanese culture is studied.

MAIN AREAS OF STUDY: The following topics are to be covered:

1 The land and people, 2 Travel & Tourism, 3 Japan at Work, 4 Communications and the Media

CAREER RELEVANCE/POSSIBILITIES: Trade, Tourist industry, Business, Law, Science, Teaching (Education).

COST/EQUIPMENT: \$10 for vocabulary workbooks

SPANISH (12SPN)

LEVEL: NCEA Achievement Standards and Unit Standards: 27 credits

ASSESSMENT: Internally assessed credits: 15

Externally assessed credits: 12

PRIOR STUDY REQUIRED: No prior study required. However, for those students with no prior knowledge of Spanish, this is a very intensive course and such students will need a good year 11 or 12 academic record, especially in English or another language.

MAIN AREAS OF STUDY: This is a course designed to cater for students with no prior knowledge of Spanish and for those who can study at NCEA Level 2. Written skills; grammar and vocabulary; reading; speaking; listening; Spanish and Hispanic cultures.

METHODS: Interactive and co-operative learning; whole class and group presentations; computer-assisted language learning

CAREER RELEVANCE/POSSIBILITIES: Further study in Spanish at the senior level may be possible. Spanish is a useful language for travel and for a number of careers such as business, marketing, international relations.

TE REO MAORI (12MAO)

LEVEL: NCEA Level 2 Achievement Standards: 24 credits

ASSESSMENT: Internal and External

PRIOR STUDY REQUIRED: Year 11 Te Reo Māori.

MAIN AREAS OF STUDY: Te Reo Māori me ōna tikanga, hui māori, ngā mahi, rangatahi.

METHODS: Development by a variety of tasks from the four essential skills of speaking, listening, reading and writing.

CAREER RELEVANCE/POSSIBILITIES: Teaching, public relations, public service, law, politics, tourism, government, entertainment.

COST/EQUIPMENT: \$10 for homework book to be purchased with stationery.

TE REO MAORI (13MAO)

LEVEL: NCEA Level 3 Achievement Standards: 24 credits

ASSESSMENT: Internal and External

PRIOR STUDY REQUIRED: Year 12 Te Reo Māori.

MAIN AREAS OF STUDY: Te Ao Hurihuri, Nga Mahi-a-ringā, Moteatea, Nga Korero o Nehera, Te Tiriti o Waitangi, Nga Whakapono.

METHODS: Variety of tasks developing the four skills of speaking, listening, reading and writing.

CAREER RELEVANCE/POSSIBILITIES: Teaching, law, medicine, politics etc.

COST/EQUIPMENT: \$10 for homework book to be purchased with stationery.

MATHEMATICS (12MAX)

LEVEL: NCEA Level 2 Achievement Standards

ASSESSMENT: Internally assessed credits : 7

Externally assessed credits : 17

PRIOR STUDY REQUIRED: At least 16 credits required from study of NCEA Level 1 Mathematics, including 1.1 (4 credits) and 1.7 (3 credits) as essential pre-requisites .

MAIN AREAS OF STUDY: General mathematics course containing topics from within algebra, co-ordinate geometry, probability and statistics, trigonometry and an introduction to calculus.

METHODS (of teaching) : Written and practical.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Leads on to Level 3 NCEA and tertiary level Mathematics courses. A general Mathematics course which assists study in other subject areas.

COST/EQUIPMENT: Scientific calculator is essential, Graphics calculator preferred for those intending to advance to Level 3 Mathematics.

MATHEMATICS APPLIED 2 (12MAP)

LEVEL: Year 12 : NCEA Level 1 and 2 Unit Standards

ASSESSMENT: Unit Standards 23 credits, mostly at Level 1

PRIOR STUDY REQUIRED: At least 10 credits (either Unit Standards or Achievement Standards) from study of Mathematics at Level 1.).

MAIN AREAS OF STUDY: A continuation of Mathematics Applied course with further Unit Standards selected from Number, Measurement, Geometry, Statistics and Algebra strands.

METHODS: Written and Practical.

CAREER RELEVANCE/POSSIBILITIES : An important basis for life skills and study in some other subjects.

COST/EQUIPMENT: Scientific calculator, ruler, compass, protractor are essential.

MATHEMATICS UNITS (12MAT)

LEVEL: Year 12 : NCEA Levels 1 and 2 Unit Standards

ASSESSMENT: Unit Standards 25 credits: 11 credits at Level 1 and 14 credits at Level 2.

PRIOR STUDY REQUIRED: At least 10 credits from study of NCEA Level 1 Mathematics Achievement Standards or at least 20 credits from Level 1 Mathematics Unit Standards.

MAIN AREAS OF STUDY: Algebra, Probability, Statistics, Trigonometry, Geometry.

METHODS: Written and Practical.

CAREER RELEVANCE/POSSIBILITIES : Successful completion of course would allow student to choose 13 MAS in following year.

COST/EQUIPMENT: Scientific calculator essential.

MATHEMATICS WITH CALCULUS (13MAC)

LEVEL: NCEA Level 3 Achievement Standards

ASSESSMENT: Achievement Standards : Internally assessed credits : 4

Externally assessed credits : 20

PRIOR STUDY REQUIRED: NCEA Level 2 Mathematics : 2.1 (4 credits), 2.2 (3 credits), 2.3 (4 credits) and 2.9 (2 credits) are essential pre-requisites.

MAIN AREAS OF STUDY: Algebra, Calculus, Trigonometry, Co-ordinate Geometry.

METHODS: Written.

CAREER RELEVANCE/POSSIBILITIES: Commerce, Engineering, Science, Information Technology.

COST/EQUIPMENT: Scientific calculator essential, graphics calculator preferred.

MATHEMATICS WITH STATISTICS (13MAS)

(STATISTICS AND MODELLING)

LEVEL: NCEA Level 3 Achievement Standards

ASSESSMENT: Achievement Standards : Internally assessed credits : 9

Externally assessed credits : 15

PRIOR STUDY REQUIRED: NCEA Level 2 Mathematics : 2.1 (4 credits), 2.5 (3 credits), 2.6 (2 credits) are essential pre-requisites.

MAIN AREAS OF STUDY: Probability, Statistics, Algebra, Mathematical Modelling.

METHODS: Written with some practical

CAREER RELEVANCE/POSSIBILITIES: Commerce, Engineering, Science, Social Sciences etc.

Where a student takes only one Maths course at Year 13, this should be the preferred choice.

COST/EQUIPMENT: Scientific calculator essential, graphics calculator preferred.

BIOLOGY (12BIO)

LEVEL: Year 12 NCEA level 2 Achievement Standards and Unit Standards: 23 credits (maximum)

ASSESSMENT: Internal assessment: 14 credits
External assessment: 12 credits

PRIOR STUDY REQUIRED: Year 11 Science or Human Biology are the ideal background for students intending to take this course, and it is recommended that students have a pass grade in the genetics component of the course. A high level of English comprehension, both written and spoken, is required, as the course requires students to extract information from videos, and to read widely in order to write essays using technical vocabulary.

MAIN AREAS OF STUDY: Emphasis in Level 2 Biology will fall into 3 areas: Genetics and Evolution; Cell Biology and Biochemistry; and Ecology, with emphasis on NZ wildlife. All these areas provide essential background for NCEA Level 3 Biology.

METHODS: A variety of teaching methods will be used as appropriate to the content. Laboratory skills are essential in cell biology; problem solving in genetics; field studies in ecology. A variety of textbooks are used in conjunction with a workbook. Material will be presented in a variety of ways including PowerPoint presentations, videos, computer animations and students can expect to spend some time in computer rooms, carrying out research using the Internet. Homework is a vital part of the course and students can expect to have regular homework set.

CAREER RELEVANCE/POSSIBILITIES: All fields of health science; sports science, animal studies, horticulture and forestry, biotechnology, ecology, wildlife management, agriculture and forensics.

COST/EQUIPMENT: Approx. \$25 for the workbook and up to \$20 for field for field trips.

BIOLOGY (Advanced) (12BIA)

LEVEL: Year 12 NCEA level 2 Biology Achievement Standards (and Unit Standards): 24credits

ASSESSMENT: Internal assessment: 12 credits
External assessment: 12 credits

PRIOR STUDY REQUIRED: This course is likely to appeal to able biologists who have studied Human Biology or are interested in pursuing a career in the medical field. Any students who take on the course from year 11 Science can expect to have to catch up with the Human Biology background knowledge, which will be assumed. All students taking this course should have a record of high attainment at Level 1, and should have passed the genetics component of the Human Biology or Science course. A high level of English comprehension, both written and spoken is essential.

MAIN AREAS OF STUDY: Emphasis in Level 2 Biology (Advanced) will fall into 5 areas: Genetics and Evolution; Cell Biology and Biochemistry; Animal Structure and Function; Ecology and Microbiology. All these areas provide essential background for NCEA level 3 Biology. Practical work, including microscopy and microbiology will form an important part of the course, and will be formally assessed via unit and achievement standard assessments.

METHODS: A variety will be used as appropriate to the content. Theoretical studies will be supported by field trips and practical work. Laboratory skills are essential in cell biology; problem solving in genetics; field studies in ecology. Three textbooks and a student workbook form an essential part of the course; and videos/animations/newspaper and scientific articles will be used to access up to date information on cutting edge technology. Homework is a vital part of the course and students can expect to have regular homework set.

CAREER RELEVANCE/POSSIBILITIES: All fields of health science; sports science, animal studies, horticulture and forestry, biotechnology, ecology and conservation, wildlife management.

COST/EQUIPMENT: \$25 for the workbook and up to \$20 required for field trips.

BIOLOGY (Advanced) (13BIA)

LEVEL: Year 13: Level 3 NCEA Biology Achievement Standards, NZQA scholarship standards

ASSESSMENT: Internal assessment: 10 Credits (The 4 credit animal investigation is **compulsory**)
External assessment, 14 Credits

PRIOR STUDY REQUIRED: Year 12 NCEA Level 2 Biology with a minimum pass of 12 credits and overall Merit level or higher.

Students must be fluent in English to be successful. Chemistry is a useful supporting subject, particularly if student intends tertiary level Biological Sciences.

MAIN AREAS OF STUDY: The main areas of study are:

1. BEHAVIOUR – bio clocks and biorhythms; orientation and migration; social behaviour and communication.
2. ANTHROPOLOGY – humans and our relatives both living and dead; our fossil record and evolution.
3. EVOLUTION – how life has adapted and changed and diversified as a result of evolutionary process.
4. GENETICS – our chromosomes, DNA and genetic code; how genes produce our characteristics and interact in predictable ways in individuals and populations. Genetic engineering and biotechnology processes.

METHODS: Use of text books and course workbooks; videos; and class discussions. Original research with current issues includes use of scientific articles, magazine and newspapers. Practical investigations with plant/animal study. Graph drawing, interpretation and problem solving. Students may find Level 3 Mathematics with Statistics beneficial. Homework is a vital part of the course and students can expect to have regular homework set.

CAREER RELEVANCE/POSSIBILITIES: Medicine, nursing, physiotherapy; radiology; sports coaching and admin; optometry; veterinarian; animal keeping; agriculture; horticulture; environmental management; forestry; parks and recreation; education.

COST/EQUIPMENT: Students must purchase a commercially prepared course book at a cost of \$20.

BIOLOGY (13BIO)

LEVEL: Year 13: Level 3 NCEA Biology Achievement Standards, 20 Credits (24 including the investigation).

ASSESSMENT: Internal assessment: 6 Credits (10 Credits for those who do the **optional** animal investigation)
External assessment, 14 Credits

PRIOR STUDY REQUIRED: NCEA Level 1 Science. NCEA level 2 Biology with a minimum pass of 10 credits. Students who have not completed NCEA level 2 Biology will be allowed entry only with the **written permission of Mr Wagner (go and see him in F Block)**. **Students must be fluent in English to be successful.** Chemistry is a useful supporting subject, particularly if student intends tertiary level Biological Sciences.

MAIN AREAS OF STUDY: The main areas of study are:

1. BEHAVIOUR – bio clocks and biorhythms; orientation and migration; social behaviour and communication.
2. ANTHROPOLOGY – humans and our relatives both living and dead; our fossil record and evolution.
3. EVOLUTION – how life has adapted and changed and diversified as a result of evolutionary process.
4. GENETICS – our chromosomes, DNA and genetic code; how genes produce our characteristics and interact in predictable ways in individuals and populations. Genetic engineering and biotechnology processes.

METHODS: Use of text books and course workbooks; videos; and class discussions. Original research with current issues includes use of scientific articles, magazine and newspapers. Practical investigations with plant/animal study. Graph drawing, interpretation and problem solving. Students may find Level 3 Mathematics with Statistics beneficial. Homework is a vital part of the course and students can expect to have regular homework set.

CAREER RELEVANCE/POSSIBILITIES: Medicine, nursing, physiotherapy; radiology; sports coaching and admin; optometry; veterinarian; animal keeping; agriculture; horticulture; environmental management; forestry; parks and recreation; education.

COST/EQUIPMENT: Students must purchase a commercially prepared course book at a cost of \$20.

CHEMISTRY (Advanced) (12CHA)

LEVEL: Year 12 NCEA Level 2 & 3 Achievement Standards and Unit Standards: 24+ credits

ASSESSMENT: External assessment – 16 credits.
Internal assessment – 8 credits;

PRIOR STUDY REQUIRED: Level 1 Physical Science with Merit or Level 1 Chemistry Standards with Excellence. This course is likely to appeal to able chemists. Any student who takes on the course from year 11 Science can expect to have to catch up with the areas of study from yr 11 Chemistry background knowledge, which will be assumed. All students taking this course should have a high level of attainment at Level 1 and a good understanding of mathematical manipulation will be of advantage.

MAIN AREAS OF STUDY Atomic structure and types of bonding, organic substances, chemical calculations, heat changes, speeds of reactions, oxidation and reduction reactions, experimental analysis of unknown ions and titration techniques.

METHODS: A range of learning experiences is designed to cater to different learning styles, including extensive practical work and modelling. There is a focus on problem-solving and analytical techniques. Homework is an essential part of the course and students can expect to have regular tasks set.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Level 2

CAREER RELEVANCE/POSSIBILITIES: Chemistry is an important pre-requisite for many Science / Engineering / Technology / Health Science qualifications. Also useful in the following careers; forensic science; water treatment; teaching; medical testing; food, paper, plastics and fertilizer manufacture; pollution monitoring; brewing; ceramics metals etc.

COST/EQUIPMENT: \$36 for Workbook and Practical book. Calculators will be required.

CHEMISTRY (12CHE)

LEVEL: Year 12 NCEA Level 2 & 3 Achievement Standards and Unit Standards: 24+ credits

ASSESSMENT: External assessment: 16 credits.
Internal assessment: 8 credits;

PRIOR STUDY REQUIRED: Level 1 Physical Science/Level 1 Science with credits achieved in the Chemistry Standards. All students taking this course should have a high level of attainment at Level 1 and a good understanding of mathematical manipulation will be of advantage.

MAIN AREAS OF STUDY Atomic structure and types of bonding, organic substances, chemical calculations, heat changes, speeds of reactions, oxidation and reduction reactions, experimental analysis of unknown ions and titration techniques.

METHODS: A range of learning experiences is designed to cater to different learning styles, including extensive practical work and modelling. There is a focus on problem-solving and analytical techniques. Homework is an essential part of the course and students can expect to have regular tasks set.

CAREER RELEVANCE/POSSIBILITIES: Chemistry is an important pre-requisite for many Science / Engineering / Technology / Health Science qualifications. Also useful in the following careers; forensic science; water treatment; teaching; medical testing; food, paper, plastics and fertilizer manufacture; pollution monitoring; brewing; ceramics metals etc.

COST/EQUIPMENT: \$36 for Workbook and Practical book. Calculators will be required.

CHEMISTRY (Advanced) (13CHA)

LEVEL: Year 13 NCEA Level 3 Achievement Standards: 20 credits; NZQA scholarship standards.

ASSESSMENT: External assessment: 18 credits
Internal assessment: 2 credits

PRIOR STUDY REQUIRED: Year 12 Chemistry overall Merit with at least 5 credits at Excellence level.

MAIN AREAS OF STUDY: Extension of Year 12 Studies and preparation for Scholarship. Further Organic Chemistry, Properties of Aqueous solutions, Redox processes, Redox titrations, further Atomic structure and bonding.

METHODS A range of learning experiences is designed to cater to different learning styles, including extensive practical work and modelling. There is a focus on problem-solving and analytical techniques. Homework is an essential part of the course and students can expect to have regular tasks set.

CAREER RELEVANCE/POSSIBILITIES: Chemistry is an important pre-requisite for many Science / Engineering / Technology / Health Science qualifications. Also useful in the following careers; forensic science; water treatment; teaching; medical testing; food, paper, plastics and fertilizer manufacture; pollution monitoring; brewing; ceramics metals etc.

COST/EQUIPMENT: \$36 for Workbook and Practical book. Calculators will be required.

CHEMISTRY (13CHE)

LEVEL: Year 13 NCEA Level 3 Achievement Standards: 20 credits.

ASSESSMENT: External assessment: 18 credits
Internal assessment: 2 credits

PRIOR STUDY REQUIRED: Year 12 Chemistry with minimum of 12 Credits Achieved.

MAIN AREAS OF STUDY: Extension of Year 12 Studies. Further Organic Chemistry, Properties of Aqueous solutions, Redox processes, Redox titrations, further Atomic structure and bonding.

METHODS A range of learning experiences is designed to cater to different learning styles, including extensive practical work and modelling. There is a focus on problem-solving and analytical techniques. Homework is an essential part of the course and students can expect to have regular tasks set.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Level 3

CAREER RELEVANCE/POSSIBILITIES: Chemistry is an important pre-requisite for many Science / Engineering / Technology / Health Science qualifications. Also useful in the following careers; forensic science; water treatment; teaching; medical testing; food, paper, plastics and fertilizer manufacture; pollution monitoring; brewing; ceramics metals etc.

COST/EQUIPMENT: \$36 for Workbook and Practical book. Calculators will be required.

PHYSICS (Advanced) (12PXA)

LEVEL: Year 12 NCEA Level 2 Achievement Standards.

ASSESSMENT: External assessment: 17 credits.
Internal assessment: 4 credits.

PRIOR STUDY REQUIRED: Level 1 Mechanics and Electricity to Merit level or higher and Level 1 Mathematics.

MAIN AREAS OF STUDY: Physical world phenomena and relationships involved with: Mechanics and Kinematics, Light and Waves, DC Electricity, and Atomic Physics. Each topic considers the usefulness of Physics to everyone.

METHODS: The entire course is supported by Power Point presentations and computer animations aid understanding by allowing complex concepts to be visualised. Through demonstrations and experiments students experience physical events in the real world and are able to determine mathematical relationships. Course workbooks are used to improve problem solving skills and test the application of theory to real life contexts. Videos, research and class discussions further enhance the students understanding and enjoyment of the course.

CAREER RELEVANCE/POSSIBILITIES: Pre-requisite for most Science, Engineering, Technology, Medicine, Electrical qualifications.

COST/EQUIPMENT: Graph paper (1mm²) and calculator essential. Study guide (ABA pub.) and Question book, \$40.

PHYSICS (12PXM)

LEVEL: Year 12 NCEA Level 2 Achievement Standards.

ASSESSMENT: External assessment: 17 credits.
Internal assessment: 4 credits.

PRIOR STUDY REQUIRED: Level 1 Physical Science/Level 1 Making sense of the Physical World and Level 1 Mathematics.

MAIN AREAS OF STUDY: Physical world phenomena and relationships involved with: Mechanics and Kinematics, Light and Waves, DC Electricity, and Atomic Physics. Each topic considers the usefulness of Physics to everyone.

METHODS: The entire course is supported by Power Point presentations and computer animations aid understanding by allowing complex concepts to be visualised. Through demonstrations and experiments students experience physical events in the real world and are able to determine mathematical relationships. Course workbooks are used to improve problem solving skills and test the application of theory to real life contexts. Videos, research and class discussions further enhance the students understanding and enjoyment of the course.

CAREER RELEVANCE/POSSIBILITIES: Pre-requisite for most Science, Engineering, Technology, Medicine, Electrical qualifications.

COST/EQUIPMENT: Graph paper (1mm²) and calculator essential. Study guide (ABA pub.) and Question book, \$40.

PHYSICS (FOUNDATION) (12PXF)

LEVEL: Year 12 NCEA Level 2 Achievement Standards.

ASSESSMENT: External assessment: 15 credits.

Internal assessment: 4 credits.

PRIOR STUDY REQUIRED: Level 1 Physical Science/Level 1 Making sense of the Physical World and Level 1 Mathematics or equivalent.

MAIN AREAS OF STUDY: Physical world phenomena and relationships involved with: Mechanics and Kinematics, Light and Waves, DC Electricity, and Atomic Physics. Each topic considers the usefulness of Physics to everyone.

METHODS: Focus on the English vocabulary, basic knowledge and skills required for Year 13 Physics. The entire course is supported by Power Point presentations and computer animations aid understanding by allowing complex concepts to be visualised. Through demonstrations and experiments students experience physical events in the real world and are able to determine mathematical relationships. Course workbooks are used to improve problem solving skills and test the application of theory to real life contexts. Videos, research and class discussions further enhance the students understanding and enjoyment of the course.

CAREER RELEVANCE/POSSIBILITIES: Pre-requisite for most Science, Engineering, Technology, Medicine, Electrical qualifications.

COST/EQUIPMENT: Graph paper (1mm²) and calculator essential. Study guide (ABA pub.) and Question book, \$40.

PHYSICS (Advanced) (13PXA)

LEVEL: Year 13 NCEA Level 3 Achievement Standards

ASSESSMENT: External assessment: 18 credits.

Internal assessment: 4 credits.

PRIOR STUDY REQUIRED: NCEA Level 2 Physics and Mathematics to Merit or higher.

MAIN AREAS OF STUDY: Physical world phenomena and relationships involved with: Rotational Kinematics, Oscillatory motion, Wave theory, AC Electricity, and Nuclear Physics. Each of these topics is placed in the context of everyday life.

METHODS: The entire course is supported by Power Point presentations and computer animations aid understanding by allowing complex concepts to be visualised. Through demonstrations and experiments students experience physical events in the real world and are able to determine mathematical relationships. Course workbooks are used to improve problem solving skills and test the application of theory to real life contexts. Videos, research and class discussions further enhance the students understanding and enjoyment of the course. The course builds upon the level 2 Physics Advanced course and expands the students' knowledge of physics and its applications. It is recommended that students also study Level 3 Mathematics with Calculus.

CAREER RELEVANCE/POSSIBILITIES: Physics is an important pre-requisite for most Science / Engineering / Technology / Medical / Electrical / Flying qualifications at tertiary level.

COST/EQUIPMENT: Graph paper (1mm²) and calculator essential. Study guide (ABA pub.) and Question book, \$42.

PHYSICS (13PXM)

LEVEL: Year 13 NCEA Level 3 Achievement Standards

ASSESSMENT: External assessment: 18 credits.

Internal assessment: 4 credits.

PRIOR STUDY REQUIRED/PREFERRED: NCEA Level 2 Physics and Mathematics.

MAIN AREAS OF STUDY: Physical world phenomena and relationships involved with: Rotational Kinematics, Oscillatory motion, Wave theory, AC Electricity, and Nuclear Physics. Each of these topics is placed in the context of everyday life. **MAIN AREAS OF STUDY:** Physical world phenomena and relationships involved with: Rotational Kinematics, Oscillatory motion, Wave theory, AC Electricity, and Nuclear Physics. Each of these topics is placed in the context of everyday life.

METHODS: The entire course is supported by Power Point presentations and computer animations aid understanding by allowing complex concepts to be visualised. Through demonstrations and experiments students experience physical events in the real world and are able to determine mathematical relationships. Course workbooks are used to improve problem solving skills and test the application of theory to real life contexts. Videos, research and class discussions further enhance the students understanding and enjoyment of the course. The course builds upon the level 2 Physics course and expands the students' knowledge of physics and its applications. It is recommended that students also study Level 3 Mathematics with Calculus.

CAREER RELEVANCE/POSSIBILITIES: Physics is an important pre-requisite for most Science / Engineering / Technology / Medicine / Electrical / Flying qualifications at tertiary level.

COST/EQUIPMENT: Graph paper (1mm²) and calculator essential. Study guide (ABA pub.) and Question book, \$42.

SCIENCE (NZASE B) (11 SNZ) SCIENCE N.Z.

LEVEL: NCEA Level 1.

Year 12 students will be working alongside Year 11 NZASE students. The B Course involves different unit standards to those done last year during the A Course.

ASSESSMENT: Internally assessed: Unit Standard Credits (Level 1): 14. Achievement Standard Credits 4

PRIOR STUDY REQUIRED: 10 credits or more from NZASE Year 1.

MAIN AREAS OF STUDY: 7 Units involving concepts from Biology, Chemistry and Physics and a Practical Investigation

METHOD: A wide range of teaching strategies will be used to make the units relevant and interesting. There will be practical activities, mini projects, group work, models and puzzles. One internally assessed achievement standard investigation.

CAREER RELEVANCE/POSSIBILITIES: Provides students with the necessary background to follow a Level 1 Science course or broaden their knowledge of science by studying more NZASE Level 1 unit standards.

CLASSICAL STUDIES (12CLA)**LEVEL:** Year 12 – NCEA Level 2 Achievement Standards**ASSESSMENT:** Internally assessed credits: 9
Externally assessed credits: 15**NO PRIOR STUDY REQUIRED** although it is helpful to prepare yourself by gaining some knowledge of Greek Mythology.**MAIN AREAS OF STUDY:** The study of ancient Greece and Rome including myths and legends, art, architecture, history, social life, philosophy, religion and drama. There is also an archaeology topic.**METHODS:** Classics develops the skills of critical thinking, analysis (especially of visual material), research, processing and communicating information.**RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS:** Level 2**CAREER RELEVANCE/POSSIBILITIES:** Classics will enrich students knowledge and is useful in careers such as journalism, law, archeology, art history, medicine, broadcasting, librarian, education, tourism and public relations.**CLASSICAL STUDIES (13CLA)****LEVEL:** NCEA Level 3 Achievement Standards**ASSESSMENT:** Internally assessed credits: 6
Externally assessed credits: 18**NO PRIOR STUDY REQUIRED** although it is helpful to prepare yourself by gaining some knowledge of Greek Mythology.**MAIN AREAS OF STUDY:** The study of the civilizations of ancient Greece and Rome including myths and legends, art, architecture, history, social life, philosophy, religion and drama.**METHODS:** Classics develops the skills of critical thinking, analysis (especially of visual material), research, processing and communicating information.**RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS:** Level 3**CAREER RELEVANCE/POSSIBILITIES:** Classics will enrich students knowledge and is useful in careers such as journalism, law, archeology, art history, medicine, broadcasting, librarian, education, tourism and public relations.**COST/EQUIPMENT :** \$15 for 3 workbooks.**GEOGRAPHY (12GEO)****LEVEL:** NCEA Level 2 Achievement Standards: 21 credits**ASSESSMENT:** Internally assessed credits: 11
Externally assessed credits: 10**NO PRIOR STUDY REQUIRED:** Students who have completed NCEA Level 1 Geography are advantaged.**MAIN AREAS OF STUDY:** The course is based around three major topics: Development issues in Tanzania and USA, Natural Landscapes (Amazon Basin and Tongariro Volcanic Centre) and Urban Studies in Central Auckland. In addition to these major topics, current and local issues are investigated, along with world patterns.**METHODS:** Field reports, Exercises, Research Assignments, Exam.**RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS:** Level 2.**CAREER RELEVANCE/POSSIBILITIES:** Apart from the content matter, students learn a range of skills such as gathering, presenting, analyzing and interpreting data together with practical techniques. Such abilities are in demand for a wide range of occupations, not just those related to the content matter of geography. These occupations include environmental officer, water and coastal management officers, traffic planner, ecologist, pollution control officer, park ranger, journalist, business manager, weather forecaster, tourist officer, town planner among many others.**COST/EQUIPMENT:** \$15 for compulsory Skill booklet. **Field trips** – Tongariro National Park (3 days) approx. \$180 (optional); CBD - \$6 approx. (compulsory)**GEOGRAPHY (13GEO)****LEVEL:** NCEA Level 3 Achievement Standards: 24 credits**ASSESSMENT:** Internally assessed credits: 12
Externally assessed credits: 12**NO PRIOR STUDY REQUIRED:** Students who have previous experience are advantaged.**MAIN AREAS OF STUDY:** The course is based around three major topics; a study of the local coastal environment at Muriwai, a study of tourism development in Rotorua and Bali and planning issues and processes using local and regional examples. In addition to these major topics, current and local issues are investigated together with world patterns.**METHODS:** Research, reading, field trips, report writing.**RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS:** Level 3.**CAREER RELEVANCE/POSSIBILITIES:** As per Level 2 note.**COST/EQUIPMENT:** \$15 compulsory Skill booklet. **Field trips** – Rotorua –2 days- approx. \$160 (optional), \$8- Muriwai trip.

HISTORY (12HIS)

LEVEL: NCEA Level 2 Achievement Standards

ASSESSMENT: Internally assessed credits: 12
Externally assessed credits: 12

NO PRIOR STUDY REQUIRED

MAIN AREAS OF STUDY: Themes studied are Nationalism, International Relations and Imperialism.
Topics include: World War 1, Russia and Vietnam.

METHODS: History develops the skills of researching, processing and communicating information using a range of resources such as old photos, documents, cartoons and videos.

CAREER RELEVANCE/POSSIBILITIES: History develops the skills of research, analysis, communication and report writing useful in a wide variety of careers, which include law, journalism, tourism and medicine.

COST/EQUIPMENT: A small fee for each of the field trips.

HISTORY (13HIS)

LEVEL: NCEA Level 3 Achievement Standards

ASSESSMENT: Internally assessed credits: 9
Externally assessed credits: 15

PRIOR STUDY REQUIRED/PREFERRED: Nil.

MAIN AREAS OF STUDY: The course is divided into two parts. The first part is all internally assessed and based on three projects researched on aspects of 16th and 17th century English History. The second part of the course is a study of NZ in the 19th century.

METHODS: Students will be studying topics in depth and encouraged to research, process and communicate information in a logical way. Field trips to historic sites are part of the course.

CAREER RELEVANCE/POSSIBILITIES: History develops skills useful for careers in advertising, journalism, medicine, publicity. It also provides a broad general education and is now a requirement for entry into some university courses.

COST/EQUIPMENT: A small fee for each of the field trips.

TOURISM (12TOU)

LEVEL: Year 12 or 13. Level 2 and Level 3 Unit Standards (up to 40 credits)

ASSESSMENT: 100% Internal Assessment

PRIOR STUDY REQUIRED: None, although experience in subjects such as Geography, History, and Computing would be beneficial. This is a challenging 1 year course requiring regular attendance and commitment to study for the whole year. **There are limited places available**, preference is given to those with a good attendance record.

MAIN AREAS OF STUDY: Tourism is New Zealand's most valuable industry. It contributes significantly to our national economy and provides an increasing range of job opportunities.

This is an introductory course designed for students who would like to study or work in the tourism industry once they have completed their secondary education. It covers a range of knowledge and skills including – Tourism related geography and history, tourist attractions, activities and events; basic office computing skills; tourism related mathematics and work roles.

METHODS OF TEACHING: Students will engage in a range of learning activities including computing; communication activities; development of tourism brochures, mathematics (eg currency exchange), research and role-playing.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: The units studied and passed gain the National Certificate in Tourism and Travel (Introductory Skills) Level 2, leading to Level 3 tertiary study.

CAREER RELEVANCE/POSSIBILITIES: Tourism Management, Hotels and Hospitality, Catering, Tour Guide, Cabin Crew, Aviation, Outdoor Recreation and Adventure Tourism, Travel Agent, Tourist Information Officer, Public Relations, Marketing, Retail, Human Resources among many others.

COST/EQUIPMENT: \$ 50 compulsory fee as a contribution towards the cost of workbooks; \$8 for trip to downtown Auckland.

STUDENT SERVICES FACULTY

STS

EMPLOYMENT SKILLS 1- 2 (12/13 EMP)

LEVEL: YEAR 12/13 , Level 1 & 2 Unit Standards:

ASSESSMENT: Internal as well as Workplace/Gateway assessment.

NO PRIOR STUDY REQUIRED:

MAIN AREAS OF STUDY: This course gives students the opportunity to identify potential careers, develop the skills necessary for further study and the transition into work. Students will complete unit standards that relate to the workplace, eg. generate a curriculum vitae that includes certificates for Kiwi host, First Aid, Health and Safety in the Work Place. Students will participate in work experience programmes-.Gateway/AWE (Alongside Work Experience), which provide an opportunity to blend school study with workplace learning and experience. Units achieved, are assessed in the workplace and count towards national qualifications.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Level 1 and 2 credits towards the National Certificate in Employment Skills, Gateway programme, as well as NCEA.

CAREER RELEVANCE/POSSIBILITIES: Leads to employment skills qualification. Students will have an increased awareness of their options, and be well prepared to access and be successful with course and employment opportunities.

AUTOMOTIVE ENGINEERING (12AUT)

LEVEL ONE and LEVEL TWO: This is a UNITEC Partnership course being offered at Lynfield College. It will enable students to complete NZQA Motor Industry Training Organisation credits.

ASSESSMENT: Internally assessed. Moderated by UNITEC. NCEA Unit standards

NO PRIOR STUDY REQUIRED: Course cannot be taken twice.

MAIN AREAS OF STUDY: Selected units which will gain students approximately 23 credits for the pre-employment courses.

METHODS: Practical and theory based programme.

CAREER RELEVANCE: Credits towards National Certificate in Automotive Engineering.

COST/EQUIPMENT: \$ 25

MOTOR BODY TRADES – M.I.T. (12MOT)

LEVEL : YEAR 12 / 13; LEVELS 1 & 2: This is offered in partnership with Manukau Institute of Technology.

ASSESSMENT: Internal, Unit standards. Moderated by M.I.T.

PRIOR STUDY REQUIRED: A keen interest in the maintenance and restoration of motor vehicles.

MAIN AREAS OF STUDY: Selected units which will gain students approximately 12 credits for the pre-employment courses. Units include – perform safe work practices, remove and replace auto body and mechanical components.

METHODS: Practical and theory based programme.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Credits towards National Certificate for entry to Motor Body Trades.

CAREER RELEVANCE: Coach building and panel beating.

COST/EQUIPMENT: \$ 25. Overalls recommended.

INTRODUCTION TO BEAUTY THERAPY (12BTH)

LEVEL: A.U.T. Year 12 – 13 : Unit standards and one Achievement Standard

Level 3 : 4 credits; Level 2: 10 credits Level 1: 10 credits

ASSESSMENT: 100% internally assessed.

NO PRIOR STUDY REQUIRED:

MAIN AREAS OF STUDY: Structure and function of the human body, knowledge of beauty therapy, knowledge of skin, customer service, nutrition for health, body adornment / decoration, stage make up..

METHODS: Practical application, research, assignment work.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: National Certificate in Beauty Therapy

CAREER RELEVANCE/POSSIBILITIES: Beautician, Beauty Therapy, Chemist shop assistant, Hairdressing, Make-up artistry.

COST/EQUIPMENT: \$ 50.

CARPENTRY (12CRP)

LEVEL: Year 12 /13 Level 1 and Level 2 Unit Standards

ASSESSMENT: Internally assessed Unit Standards, moderated by BCITO.

PRIOR STUDY REQUIRED: Preferably Yr 10 or Yr 11 Technology Hard Materials.

MAIN AREAS OF STUDY: This course covers the elementary Unit Standards for apprentices as required by the Building Construction Industry Training Organisation. Units cover safety, hand tools, timber and hardware, portable machines, practical projects (construction equipment and outdoor furniture).

METHODS : Practical and theory based programme.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Level 1 & 2 Unit Standards of apprenticeship courses.

CAREER RELEVANCE/POSSIBILITIES: Modern Apprenticeships In Carpentry /Furniture making.

COST/EQUIPMENT: \$50. (Extra material costs may apply).

CHILD CARE (12CHC)

LEVEL: Year 12 /13 - Level 2 – Unit Standards

ASSESSMENT: 100% Internal.

NO PRIOR STUDY REQUIRED

MAIN AREAS OF STUDY: Care needs, Children's play, Child development, Hygiene practices, Child safety, Child behaviour, Tots and Toddlers Certificate.

METHODS: Observations, research, assignment, practical work, classroom lectures.

CAREER RELEVANCE/POSSIBILITIES: Nannying, childcare workers, babysitting, kindergarten teacher.

COST/EQUIPMENT: \$50

ELECTRONICS /ELECTRO TECHNOLOGY (12ELE)

LEVEL: YEAR 12/13 NCET Unit Standards and NCEA Achievement Standards: 23 credits

NO PRIOR STUDY REQUIRED: Ability in Maths/Science.

MAIN AREAS OF STUDY: Common material with National Certificate in Telecommunications. Preliminary material for entry to all electrical and electronic trades.

METHODS: A theory course with associated practical.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: ECOA ETITO Certificate of Achievement towards National Certificate in Electronics Technology (Level 2)

CAREER RELEVANCE/POSSIBILITIES: Take up an apprenticeship in Electronics and study for National Certificates at Levels 3 & 4. Study for a National Diploma in Engineering.

COST/EQUIPMENT: \$50 – materials.

TECHNOLOGY Engineering Technology Materials (12ETM)

LEVEL: NCEA Level 2 Achievement Standards - 24 credits

ASSESSMENT: Internally assessed credits : 20

Externally assessed credits: 4 (Optional)

PRIOR STUDY REQUIRED/PREFERRED: Preferred Year 11 Maths, Science, Technology plus good English and Drawing skills.

MAIN AREAS OF STUDY: This course is designed for students wishing to take Engineering as a Career. Areas of focus are Structures, Mechanisms, Engineering drawing, Land surveying and practical workshop engineering skills.

CAREER RELEVANCE/POSSIBILITIES: Civil and Mechanical Engineering

COST/EQUIPMENT: \$ 50 for materials used.

TECHNOLOGY Engineering Technology Materials (13ETM)

LEVEL: NCEA Level 3 Achievement Standards - 24 credits

ASSESSMENT: Internally assessed credits : 20

Externally assessed credits: 4 (Optional)

PRIOR STUDY REQUIRED/PREFERRED: Good command of English, Maths and drawing skills. L2 Technology preferred

MAIN AREAS OF STUDY: Developing a solution in Mechanical and Materials Technology.

CAREER RELEVANCE/POSSIBILITIES: Civil and Mechanical Engineering, Technologist.

COST/EQUIPMENT: \$ 50 for materials used.

MECHANICAL ENGINEERING (Practical) (13 MEP)

LEVEL: Year 13

ASSESSMENT: 24 Unit Standard credits

PRIOR STUDY REQUIRED/PREFERRED: A keen interest in Practical Engineering

MAIN AREAS OF STUDY: Students will complete credits towards the **National Certificate in Mechanical Engineering**. Students will gain knowledge in welding, machining, tools, processes and materials.

CAREER RELEVANCE/POSSIBILITIES: Engineering apprenticeships, opening into a wide range of practical and engineering trades and careers,

COST/EQUIPMENT: \$ 50 for materials used.

FASHION AND DESIGN (12FAD)

LEVEL: YEAR 12 - NCEA Level 2 / Unit Standards – Level 2

ASSESSMENT: Internally assessed – 20 credits Externally assessed – 4 credits.

PRIOR STUDY REQUIRED/PREFERRED: Year 10 and/or Yr 11 Technology.

MAIN AREAS OF STUDY: Fashion Design, Garment Construction, Costume Design, Fashion Awards, Pattern adaptation.

METHOD: Design portfolio, Pattern development, Garment construction.

CAREER RELEVANCE/POSSIBILITIES: Design Work; Clothing designer, Costume & Theatre Design, Garment Construction, Pattern Maker, Tailor, Furniture/Fabric Design. Any work that involves a creative problem solving approach.

COST/EQUIPMENT: \$50

FASHION AND DESIGN (13FAD)

LEVEL: NCEA Level 3 / Unit Standards – Level 3

ASSESSMENT: Internally assessed – 20 credits Externally assessed – 4 credits.

PRIOR STUDY REQUIRED/PREFERRED: Year 11 and/or Yr 12 Fashion and Design Technology.

MAIN AREAS OF STUDY: Fashion Design, Garment Construction, Designing for a client, Pattern drafting.

METHOD: Design portfolio, Pattern development, Garment construction.

CAREER RELEVANCE/POSSIBILITIES: Design Work; Clothing designer, Costume & Theatre Design, Garment Construction, Pattern Maker, Furniture/Fabric Design. Any work that involves a creative problem solving approach.

COST/EQUIPMENT: \$50

GRAPHICS / COMPUTER AIDED GRAPHICS (12CAD)

LEVEL: Year 12/13 NCEA Level 2 Achievement Standards, Level 2 & 3 Unit Standards:

ASSESSMENT: Internally assessed Achievement Standards 9 credits,
Externally assessed Achievement Standards 3 credits,
Internally assessed Unit Standards 13 credits.

PRIOR STUDY REQUIRED: Preferably Yr 10, Yr 11 Graphics would be an advantage.

MAIN AREAS OF STUDY: Two main themes covering Engineering and Architectural design. Students use CAD programmes to produce models and drawings of their design for manufacture.

METHODS: Industry standard computer programme (ProDesktop, Vectorworks), Design portfolios using freehand sketching, rendering.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Level 1, 2 & 3 Unit Standards covering the compulsory units of National Certificate in Design (Draughting), Engineering and Technology. Level 2 NCEA Graphics.

CAREER RELEVANCE/POSSIBILITIES : Draughting – NZ Certificate in Architectural Studies, Advertising, Engineering and Design and Construction industry.

COST/EQUIPMENT: \$ 25.

GRAPHICS (13GRA)

LEVEL: NCEA Level 3 Achievement Standards : 24 credits

ASSESSMENT: Internally assessed credits : 12
Externally assessed credits : 12

PRIOR STUDY REQUIRED: Year 11 & 12 Graphics / CAD or 2 years or Year 11 and 12 Art or Design.

MAIN AREAS OF STUDY: The emphasis in this course is on individual solutions to product design, Architectural design, Advertising and media design, Engineering design.

METHODS: A wide range of drawings will be produced using a variety of sketching, pastels, painting, studio markers and computer applications. These will be presented as a design folio.

CAREER RELEVANCE/POSSIBILITIES: Designing, Architecture, Draughting, Media, Engineering design.

COST/EQUIPMENT: Course fee is \$25.

HOME ECONOMICS – FOOD AND NUTRITION (12FAN)

LEVEL: Year 12/13 - NCEA Level 2

ASSESSMENT: Internal and external assessment: 24 credits
Unit Standards: 12 credits
Achievement Standards: 12 credits (4 internal / 8 external)

PRIOR STUDY REQUIRED: Preferably NCEA Level 1 Food and Nutrition.

MAIN AREAS OF STUDY: Nutritional concern for a targeted group, NZ eating patterns, nutritious low cost food for a family, vegetarianism, over and under nutrition.

METHODS: Practical activities, assignments, ICT, research investigations.

CAREER RELEVANCE/POSSIBILITIES: Food Technologist, Dietitian, Health care worker, Teacher

COST/EQUIPMENT: \$ 50. Students will be expected to provide some food for each practical lesson to supplement what is provided by the school.

HOME ECONOMICS – FOOD AND NUTRITION (13FAN)

LEVEL: Year 13 - NCEA Level 3

ASSESSMENT: Internal and external assessment : 22 credits.
Unit Standards : 10 credits
Achievement Standards : 12 credits (4 internal/ 8 external)

PRIOR STUDY REQUIRED: Preferably NCEA Level 1 & 2 in Food and Nutrition.

MAIN AREAS OF STUDY: Nutritious food choices, Food and Nutrition Guidelines, Food for people with different needs, Nutrient content of food, Media messages and food, Global effects on food.

METHODS: Practical activities, assignments, research investigations, ICT.

CAREER RELEVANCE/POSSIBILITIES: Food Technologist, Dietitian, Health care worker, Teacher, Sports career.

COST/EQUIPMENT: \$ 50. Students will be expected to provide some food for each practical lesson to supplement what is provided by the school.

HOSPITALITY (12HOS)

LEVEL: Year 12, 13; Unit Standards Level 2

ASSESSMENT: Internally assessed credits : 21

NO PRIOR STUDY REQUIRED

MAIN AREAS OF STUDY: Food safety, knife skills, grilling, salads, preparing hot/cold drinks, clearing tables, serving food, customer care.

METHODS; Practical application. Written assessment. Student work book.

RELATIONSHIP TO NATIONAL CERTIFICATE / TERTIARY QUALIFICATIONS; This is the second level towards National Certificate in Hospitality Certificate.

CAREER RELEVANCE / POSSIBILITIES; Hospitality industry, Hotel management, Air hostessing, Tourism, Service industry.

COST / EQUIPMENT: \$ 50.

HOSPITALITY (ADVANCED) (13HOA)

LEVEL: Year 13 ; Unit Standards Level 2 & 3

ASSESSMENT: Internally assessed credits : Level 2: 6 credits
Level 3: 16 credits

PRIOR STUDY REQUIRED : Hospitality course. Year 11 & 12 would be an advantage.

MAIN AREAS OF STUDY : Coffee making / Barista course, special occasion meals and meal preparation and presentation.

METHODS : Practical application, written assessment, research, student work book.

CAREER RELEVANCE / POSSIBILITIES: Any areas in the Hospitality industry, Industry Hotel management , service.

COST / EQUIPMENT: \$ 50.

INFORMATION TECHNOLOGY (12ICT)

LEVEL: YEAR 12/13

ASSESSMENT: NCEA Achievement Standards Internally assessed credits: Level 2: 16 credits
Level 3 15 credits

CO CURRICULA RESTRICTIONS: This paper may not be taken with ISM.

PRIOR STUDY REQUIRED: Information Management Level 1 – 12 Credits at Achieved level and/or passed the ICDL.

MAIN AREAS OF STUDY: Print Design covers image manipulation and layout design through a number of briefs.

METHODS: Practical use of the computer, assignments and portfolio.

CAREER RELEVANCE/POSSIBILITIES: This course leads to further study in design and multimedia as well as career opportunities in graphic design, marketing, printing, tourism and computing.

COST/EQUIPMENT: \$50 course materials.

INFORMATION TECHNOLOGY – IT DESIGN (12ITD)

LEVEL: YEAR 12/13

ASSESSMENT: International Computer Drivers Licence (ICDL) and 19 NCEA Level 2 credits from Unit Standards.
The ICDL is an internationally recognized qualification offered in 146 countries in Asia, the Pacific, the Americas, Africa and Europe (where it is known as ECDL)

CO CURRICULA RESTRICTIONS: This paper may not be taken with ITH

NO PRIOR STUDY REQUIRED

MAIN AREAS OF STUDY: This course is designed to give students the basic knowledge and skills to use a personal computer and its software applications to carry out everyday tasks. There will be further extension in design skills using desktop publishing applications.

METHODS: Practical use of the computer, tests and assignments which are completed at school, supported by preparation at home. ICDL modules are assessed on-line through ICDL Asia-Pacific.

CAREER RELEVANCE/POSSIBILITIES: This course is relevant to anyone using a computer and/or interested in pursuing a career related to computers.

COST/EQUIPMENT: The cost of entry for the ICDL Certificate is dependent on the fee set by ICDL Asia Pacific In 2006 the fee was \$40.

INFORMATION TECHNOLOGY – IT HTML (12ITH)

LEVEL: YEAR 12/13

ASSESSMENT International Computer Drivers Licence (ICDL) and 20 NCEA Level 2 credits from Unit Standards.
The ICDL is an internationally recognized qualification offered in 146 countries in Asia, the Pacific, the Americas, Africa and Europe (where it is known as ECDL)

CO CURRICULA RESTRICTIONS: This paper may not be taken with ITD

NO PRIOR STUDY REQUIRED

MAIN AREAS OF STUDY: This course is designed to give students the basic knowledge and skills to use a personal computer and its software applications to carry out everyday tasks. Two of the unit standards cover web page design using HTML.

METHODS: Practical use of the computer, tests and assignments which are completed at school, supported by preparation at home. ICDL modules are assessed online through ICDL Asia-Pacific.

CAREER RELEVANCE/POSSIBILITIES: This course is relevant to anyone using a computer and/or interested in pursuing a career related to computers.

COST/EQUIPMENT: The cost of entry for the ICDL Certificate is dependent on the fee set by ICDL Asia Pacific. (In 2006 the fee was \$40.)

INFORMATION SKILLS WITH PROGRAMMING (13ISP)

LEVEL: YEAR 11/12/13 – Level 5 (National Diploma in Business Computing credits – NZQA approved)

ASSESSMENT: Assessed in conjunction with and moderated by Manukau Institute of Technology for credit towards the NDBC. Credit inclusion allows up to 28 credits to be used if needed.

PRIOR STUDY REQUIRED: Entry is by approval with staff – A pass in an aptitude test (held Term 4) is recommended.

MAIN AREAS OF STUDY: The course covers Programming which introduces students to the principles of developing structured Programs in C++. It also covers Data and Databases, introducing students to database design using sql.

METHOD: Work for this course is mostly computer related but also includes worksheets, notes, reading, assignments, research, exercises and tests.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Level 5. Four separate NDBC modules are studied and assessed. A pass mark of 80% is mandatory in all Modules.

CAREER RELEVANCE/POSSIBILITIES: This course is relevant to anyone pursuing a career in or related to computers especially those planning to carry on with tertiary qualifications in Computing.

COST/EQUIPMENT: \$50 Course materials.

INFORMATION SKILLS WITH MULTIMEDIA (13ISM)

LEVEL: YEAR 11/12/13

ASSESSMENT: NCEA & Unit Standards Level 2, 3 & 4.

CO CURRICULA RESTRICTIONS: This paper may not be taken with ICT.

MAIN AREAS OF STUDY: The course covers how to design and construct websites using animation and how to create and manipulate images for use on their sites

METHOD: Work for this course is mostly computer related but also includes worksheets, notes, reading, assignments, research, exercises and tests.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS: Multimedia will teach you the required skills for image manipulation, animation and the production of interactive web pages.

CAREER RELEVANCE/POSSIBILITIES: This course is relevant to anyone pursuing a career in or related to computers.

COST/EQUIPMENT: \$40 course materials.

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Maths with Calculus	13MAC	34
Maths with Statistics (Stats & modeling)	13MAS	34
Mechanical Engineering Practical	13MEP	42
Media Studies - Film	12 MDF	31
Media Studies - Journalism	13MDJ	31
Media Studies	13 MED	31
Multi Skills	11MSK	19
Music	11MUS	10
	12MUS	23
	13MUS	24
Physical Education and Health	11PHE	12
Physical Education	12PHE	27
	13PHE	27
Physical Education (ESOL)	11PHL	12
Physics (Advanced)	12PXA	37
	13PXA	37
Physics	12PXM	37
	13PXM	37
Physics foundation	12PXF	37
Recreation	12REC	28
Science	11SCI	16
Science (NZASE)	11SNZ	16/38
Science (ESOL)	11SCE	16
Science foundation	11SCF	16
Science Physical	11SCP	16
Spanish	12SPN	14/33
Sports Leadership	12SPO	28
Sports Studies	13SPS	28
Stage & Performing Arts	11SPA	10
	12SPA	24
	13SPA	24
Te Reo Maori	11MAO	14
	12MAO	33
Te Reo Rangatira	13MAO	33
Technology - Engineering Tech materials	12ETM	42
	13ETM	42
Technology Materials / Electronics	11TMH	19
Technology Materials - Soft	11TMS	19
Tourism	12TOU	40
Visual Arts – Craft	11ARC	10
	12ARC	22
	13ARC	22
Visual Arts - Design	12ARD	21
	13ARD	21
Visual Arts - Painting	13ARP	21
Visual Arts - Practical	11ART	10
Visual Arts - Painting and Printmaking	12ART	22
Visual Arts - Printmaking	13APR	22
Visual Arts - Photography	12PHO	22
	13PHO	23
Youth Award Scheme (YAS)	11YAS	17