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August 2009

Dear Parents

This booklet has been prepared to give you information about Year 12, the subjects, their content, and advice on selecting course options.

There is a page at the back of the book to complete for the student's subject selection and for parents / caregivers to sign. A form is enclosed that will allow the school to update its database of student information if required.

To make informed decisions for 2010, it is crucial that students actively seek out advice on career pathways. Careers Advisors, Deans and teachers can all be of help.

Please read this booklet carefully and complete the database update form. Students will complete their subject selection forms on Thursday 20 August 2009 at school. This booklet **must be brought to school** when subject selection forms are completed.

If you have any queries regarding the Year 12 course please contact me at school.

Yours sincerely

M. CLARKE
Year 12 Dean

INFORMATION EVENING FOR PARENTS AND STUDENTS

School Library

Tuesday 18 August 2009 at 7.00 PM

YEAR 12 STUDENTS

Year 12 can be a challenging year academically for students.

Year 12 students are expected to display maturity and responsibility for their own learning. The school expects them to show initiative, and to take a positive leadership role.

Year 12 students at Feilding High School will be following a greater variety of programmes than in their first three years, according to their progress so far:

- All students will take six subjects.
- Some will be taking a combination of National Certificate courses at levels one and two.
- Many subjects will offer Unit Standards as part of their course.

YEAR 12 GOAL

All students should set their sights on gaining a good Record of Achievement. This document is issued on leaving school and reports on the student's work habits, reliability, achievements and attendance.

WHAT IS REQUIRED IN YEAR 12 STUDIES

Entry to Year 12 studies depends on results in the previous year. This is the first time students will have encountered such an entry requirement.

Students will be expected to meet challenges and develop personal discipline and planning skills in their studies.

1. Students will need to meet all assessment requirements.
2. Students who may suffer from a prolonged illness are required to supply a medical certificate promptly to the class teacher or NZQA Liaison Teacher in order that fair consideration may be made.
3. Common tests and examinations are given in all subjects on set days. Students will be expected to give these tests priority over other interests.
4. Students must remain at school until the day set down as the official course completion date each year. Students will not be given exemptions for employment.
5. An exemplary standard of attendance is required in all classes.
6. No student is allowed to take fewer than six subjects although these may not all be at Year 12 level. Students are required to maintain satisfactory efforts in all subjects.
7. Students' attendance and progress will be monitored and where there are concerns parents will be contacted.

CONSULTATION

We invite parents to attend the Meet the Teacher interviews set down for Year 12 students for information on their son / daughter's progress. In addition students and parents are welcome to arrange to consult any of the following people as appropriate throughout the year:

Year 12 Dean Mrs Clarke
Year 13 Dean Mr Jeffreys
Guidance Counsellors Mrs Nicholls, Mr Underwood
SeniorCareers Advisor Mrs North
Subject Teachers

HOW DO YOU QUALIFY TO TAKE YEAR 12 COURSES

PREREQUISITES

1. Refer to subject entry requirements.
2. Some subjects may allow different criteria in special cases.
3. Where a subject does not have a corresponding subject at Year 11 level, the student's grades as a whole will be considered to determine suitability for study at Year 12 level.

CO-REQUISITES

Some subjects must be taken with other related subjects.

Mathematics Requirements

Students who have not gained the numeracy requirements for NCEA Level 1 Certificate, will be required to complete a suitable Mathematics course (full year or a semester course, depending on the student's needs and abilities).

Students wanting to go on to university study will require 14 credits in Mathematics at Level 1 or higher.

CHOICE OF SUBJECTS

All Year 12 students are required to take a course in English.

In addition students will take five other subjects at Year 11 or Year 12 level.

FORWARD PLANNING

Please read carefully the subject flow chart showing which subjects lead on to Year 13.

It is also important to read the section on NCEA and National Certificates and University Entrance criteria on page 10.

Some courses are offered subject to staffing availability and the number of students to make these classes viable.

Interests, capabilities and career thoughts are what should guide you in your choice of subjects. Talk these over with your parents. They have known you longer than anyone else.

In choosing their subjects students and parents should carefully consider the following points:

1. Am I taking subjects which are a prerequisite for a definite career choice? In this case it is advisable to consult the Careers Advisors or Senior Dean as students and parents do not always have up to date information on these subjects.
2. Have I got a back up career plan?
3. What are my plans for tertiary study? e.g. Polytechnic, University.
4. What are my special abilities?
5. What do I enjoy doing?
6. Am I fully extending myself?

7. Am I taking on more than I can cope with?
8. Am I maintaining a breadth of interests or over specialising?
9. If planning to go straight into the work force, have I found out directly what the openings are, what is required? What does the job really consist of?

Think and plan up to three years ahead:

- .. For you
- .. For your ability
- .. For your career - if you know what you want to be
- .. For your interests

Talk to Deans, Guidance Counsellors, Career Advisors, Teachers during the time allocated for completion of the form in this book.

SUBJECT FLOW CHART

This chart shows how subjects progress through the school. Students considering entrance to university in Year 13 should have at least four or preferably five subjects at Level 3 which qualify for university entrance.

NOTE:

We will try to fulfil the wishes of parents and students in selecting courses, but the school reserves the right to limit or modify classes according to:

- The ability and needs of the student.
- Available staffing.
- Available facilities.

Once a student's course has been settled it may not be changed without the approval of the Principal.

NZQA QUALIFICATIONS

We offer a range of NZQA qualifications: NCEA Certificates at Levels 1, 2 and 3, University Entrance and Scholarship, as well as a number of National Certificates in specific subject areas.

For all the qualifications listed below, the credits can be gained from Unit Standards and/or Achievement Standards.

NCEA Level 1 Certificate

- 80 credits at Level 1 or higher
- Must include 8 literacy (English or Te Reo)
8 numeracy (Mathematics)

NCEA Level 2 Certificate

- 80 credits 60 at Level 2 or higher
20 may be at Level 1

NCEA Level 3 Certificate

- 80 credits 60 at Level 3 or higher
20 may be at Level 2

All Level Certificates may be endorsed 'With Merit' or 'With Excellence'.

'With Merit' requires 50 credits at Merit (or Merit and Excellence) at the level of that certificate or higher.

'With Excellence' requires 50 credits at Excellence at the level of that certificate or higher.

University Entrance

You must have achieved all of the following

- 14 credits at Level 3 or higher in each of two approved subjects
- 14 credits at Level 3 or higher in no more than two further approved subjects or domains
- 14 credits in Mathematics at Level 1 or higher
- 4 credits in Reading at Level 2 or higher
- 4 credits in Writing at Level 2 or higher

<u>Approved subjects offered</u>		
Accounting	English	Media Studies
Agriculture	French (Second Language)	Music Studies
Horticulture	Geography	Painting (Practical Art)
Biology	Graphics	Photography (Practical Art)
Chemistry	History	Physical Education
Classical Studies	History of Art	Physics
Computing	Japanese (Second Language)	Social Studies
Design (Practical Art)	Mathematics with Calculus	Te Reo Maori
Drama	Statistics and Modelling	Technology
Economics		
Further <u>Domains</u> offered: ESOL		

Scholarship

- Assessed in an extra exam for each subject, other than those for which a portfolio is submitted
- Only one portfolio may be submitted in Practical Art or in Technology

<u>Scholarship subjects offered</u>		
Accounting	History	Music Studies
Art History	Japanese	Physical Education
Biology	Mathematics with Calculus	Physics
Chemistry	Media Studies	Statistics and Modelling
Drama	French	Te Reo Maori
Economics	Geography	Technology (one option)
English	Graphics	Visual Arts (one option)

Other Certificates Offered at Years 12 and 13

The Certificates below are offered within subjects. They are a brief outline only and more information is available from teachers in charge of the subject.

National Certificates Computing

Year 12 - Students can complete 25 Level 2 credits that count towards the Level 2 National Certificate in Computing.

Year 13 – Students can complete:

- 15 Level 3 credits to complete the Level 2 National Certificate in Computing
- 20 Level 3 credits to complete the Level 3 National Certificate in Computing

National Certificate in Travel and Tourism (Intro. Skills) Level 2 Version 3

54 credits over two years

<u>Compulsory</u>	21 credits from Year 12 Tourism
Plus	19 credits from Year 13 Tourism
Plus	6 credits from English oral or written language Level 2
Plus	8 credits from Mathematics Level 1

Certificate of Achievement Cookery Schools 1 (Level 1)

15 compulsory Level 1 credits in cookery.

Level 2 Certificate of Achievement in Cookery - Schools 2

10 compulsory Level 2 credits in cookery.

Level 2 Certificate of Achievement in Cookery – Schools 4

8 compulsory Level 2 credits in cookery.

National Certificate in Elementary Construction Skills

- 40 Level 2 credits for Entry Level
- 78 Level 1-3 credits for Advanced Level

ACCOUNTING

ACC

Entry Requirements

12 or more credits in Level 1 Accounting.

or

By negotiation with the head of subject if entering the subject at this level.

Subject Matter

The course content emphasises the principles, processes and systems of accounting. The course is divided into five major sections:

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

Types of tasks

Students will do a range of tasks incorporating manual and computerised accounting. Worksheets, discussions, case studies and research are commonly used. Some field trip work is required to complete assignments.

Assessment Scheme

Assessment is by Level 2 Achievement Standards. There are 24 credits. Seven credits are by internal assessment and 17 credits by external national examination.

Learning Outcomes

- To allow students to understand the role of accounting in society.
- To improve students understanding of business organisations.
- To provide students with an increased awareness and access to career opportunities in accounting.

Fee

\$6.00

AGRICULTURAL SCIENCE (AGRICULTURE)

AGR

Entry Requirements

Twelve or more credits achieved in Agriculture Level 1 Achievement Standards (not Unit Standards).

Or

At the discretion of the Curriculum Leader.

Subject Matter

Soil water, plant productivity, livestock reproduction, livestock behaviour, and livestock productivity.

Assessments

Assessment will be by Level 2 Achievement Standards which are internal and external (24 credits total).

Farm Duty

Providing continuing practical experience leading to the school's Agriculture Certificate – endorsed.

Fee

\$10.00

Note: Students entered for this course cannot enter the Horticulture option. Students who wish to do Rural Studies as well must get the permission of the Curriculum Leader.

AUTOMOTIVE ENGINEERING

AUT

This course offers part of the National Certificate for entry into automotive trades and is suitable for those considering automotive engineering and farming careers.

Entry requirements:

8 Level 1 Numeracy credits

8 Level 1 Literacy credits

Assessment:

9 Unit Standards - 26 credits at Level 2

These units are internally assessed and moderated by Mara Marketing on behalf of the Motor Industry (MITO).

Providers:

Feilding High School and Mara Marketing (Courtesy Ford Palmerston North).

Learning outcomes:

This course develops student skills in the use of hand and machine tools and related automotive knowledge that will provide entry into a range of automotive engineering associated apprentice and career programmes.

Fees:

This is a STAR funded course.

BIOLOGY

BIO

Entry Requirements

Ten Science Level 1 credits from external assessments, including Achievement Standard 90188 (Biology) and Achievement Standard 90186 (internal).

Subject Matter

The course is divided into these areas:

Biological Population and Community Inter-relationships (Ecology)

Cell Biology

Plant and Animal Diversity

Genetics and Evolution

Applied Biology.

Type of Tasks

- Students will be expected to maintain a well organised folder of biological notes, information that they will, in many instances have prepared themselves.
- A large number of practical activities will be undertaken and confidence in handling living material will be essential.
- Practical research, research from texts, planning activities, carrying out activities both in and out of the classroom will be undertaken.

Assessment

Assessment is by Level 2 Achievement Standards in Biology – four external (12 credits) and two internal, and three Level 2 Unit Standards which assess practical skills.

A total of 27 credits is offered.

Fees

\$10.00 (includes bus cost for field trip)

Students are expected to pay approximately \$26.00 to purchase a write-on course work book.

BUILDING (BCATS)

BUI

This course is run via the Building Construction and Allied Trades Organisation (BCATS) and caters for students who are interested in building trade training programmes.

Entry Requirements:

Students must have 16 credits from 11 BUI or 11 TWO. Students who have not taken Year 11 Building or Wood Technology may apply to the curriculum leader for approval.

Types of Tasks:

All work is Unit Standards based and requires students to complete all elements set down in each unit of work.

Both practical and related theory activities are required in most units of work. Students will design and make approved projects, e.g. furniture and mechanism project.

Assessment:

5 Unit Standards 22 Credits at Level 2

All work is internally assessed and moderated by the ITO provider.

Work achieved in this programme leads to the BCATS certificate.

Learning Outcomes:

This course develops students' knowledge and skills in the use of hand tools and machines with direct application to set project work. Safety and time management skills are essential, along with independent work habits.

Literacy and Numeracy credits are needed for the BCATS certificate.

This course can lead into Year 13 Building (BCATS).

Fees:

\$100.00

CHEMISTRY

CHE

Entry Requirements

Ten Science Level 1 credits from external assessment, including 90189 plus Achievement Standard 90186 (internal).

12 MAA is a co-requisite for this subject.

Subject Matter

- Performing an acid-base volumetric analysis
- Solving simple quantitative chemical problems
- Relating properties of chemical substances to their chemical structure and their bonding
- Describing the structural formulae and reactions of compounds containing selected organic functional groups
- Describing principles of chemical reactivity
- Describing oxidation-reduction reactions

Types of Tasks

- Designing and performing experiments confidently and safely
- Chemical analysis using a variety of experimental methods, reporting findings and discussing the validity of these analyses.
- Learning chemistry skills and techniques across a variety of contexts
- Problem solving – explaining observed phenomena.

Assessment

Assessment is by Level 2 Achievement Standards and Unit Standards in Chemistry – three external standards and three internal standards.

A total of 20 credits will be offered.

Fees

\$10.00

COMPUTER APPLICATIONS

CAP

Entry Requirements

Students cannot enrol in both Computer Science and Computer Applications.

Pre-requisites:

- Four Level 1 Achievement Standards in English, and
- Four Level 1 Achievement Standards in Mathematics, OR
- Four out of seven Level 1 Computing Achievement Standards

Students who have not met these pre-requisites must apply to the HOD.

Subject Matter

Office Software

Layout Principles

Ergonomic Basics

Types of Tasks

Practical assignments in the main Office programmes of word processing, spreadsheets, desktop publishing and presentation.

Assessment

Internally assessed Level 2 Unit Standards and Achievement Standards – 25 credits offered.

Qualifications

Credits earned contribute towards the NCEA Level 2 Certificate as well as National Certificate in Computing at Level 2 and Level 3. Achieving Level 3 credits in 13 CAP will complete both certificates in Year 13.

Learning Outcomes

This course enables students to develop:

- Strong skills in the core Office software
- The application of the ergonomic requirements for computer use
- The application of good layout principles for office documentation
- Research skills
- Extracting information
- Editing information
- Integrating information from a variety of Media
- Communicating information

Entry Requirements

Students cannot enrol in both Computer Science and Computer Applications.

Pre-requisites:

- Four Level 1 Achievement Standards in English, and
- Four Level 1 Achievement Standards in Mathematics, OR
- Four out of seven Level 1 Computing Achievement or Unit Standards

Students who have not met these pre-requisites must apply to the HOD.

Subject Matter

Hardware Selection

Web Programming

Multimedia Programming

Translation of customer requirements into a workable system

Types of Tasks

- Practical based tasks on computer configurations and connections to network
- Planning, designing, constructing networks, robots, computers to confirm to specifications
- Researching and completing assignments to evaluate students understanding of computer technology
- Web page design to specification with programming elements
- Writing, testing, modifying and evaluating programmes in Visual Basic

Assessment

Internally assessed Level 2 Unit Standards – 20 credits.

Qualifications

Credits earned contribute towards the NCEA Level 2 Certificate as well as National Certificate in Computing at Level 2 and Level 3. Achieving Level 3 credits in 13 CAP will complete both certificates in Year 13.

Learning Outcomes

This course enables students to develop:

- Competency in computer configurations and knowledge of assembly techniques
- An ability in programming for web and software
- An understanding of the needs for planning and design
- An ability in construction of computer networks and robotics

DRAMA

DRA

Entry Requirements

Any two Level 1 Drama Achievement Standards, or in consultation with the HOD.

A predominantly practical course for students wanting to enhance their performance skills. No previous performance experience necessary although it may be an advantage. The practical work is supported by students keeping a detailed portfolio. This portfolio is also essential in order to revise for the external exam.

Subject Matter

Acting classes and workshops

Physical Theatre

Technical stagecraft / production involvement

Visits to plays

History of Theatre

Reflecting on and analysing Drama

Types of Tasks

Practical classes

Performances

Keeping a portfolio

Review writing

Research project

Assessment

Assessment is by Level 2 Achievement Standards (14 credits from internal assessment and 5 credits from external assessment).

Learning Outcomes

Acting and technical stagecraft skills

Presentation awareness

Growth of self esteem and self confidence

ECONOMICS

ECO

Entry Requirements

Twelve credits or better at Level 1 Economics or 12 credits or better at Level 1 English. The course investigates three key issues for New Zealanders:

- Inflation
- Economic Growth
- International Trade
- Government Policies

Subject Matter

To be able to appreciate the relevance of these issues the functioning of the market economy will be reviewed at the beginning of the year. An important aspect of this course is Government intervention and this aspect will be examined in all issues.

Assessment Scheme

There is one internal Level 2 Achievement Standard offered in the course (6 credits) plus four Level 2 Achievement Standards offered by external examination (18 credits).

Learning Outcomes

The ability to apply the tools of economic analysis to real world situations. In particular:

- Provide an insight into the nature of our economic environment e.g. why do we have recessions?
- Understand how the economic system in New Zealand deals with the basic economic issues of inflation, growth and trade.

It is important that students learn to articulate and defend a range of economic opinions regardless of their own attitudes and values.

This course leads to Level 3 Economics.

Fees

\$5.00 photocopying fee applies.

The course includes a class trip to Wellington to visit Treasury, the Reserve Bank, and Parliament. This will involve a cost of about \$25.00.

ENGINEERING

TEN

Entry Requirements

Students to have completed Year 11 Level 1 Tools for Work programme gaining a minimum of 16 credits. Students must also have eight Level 1 numeracy and eight Level 1 literacy credits.

Types of Tasks

To design, and make using Engineering processes of approved project(s) e.g. 50cc mini pocket bike.

Assessment

Nine Industry Unit Standards internally assessed (27 Level 2 credits) and externally moderated by Competenz on behalf of the Tools for Work programme.

Learning Outcomes

This course develops student skills in the use of hand and machine tools with direct application to specific projects recognised by Competenz that will provide entry for a range of Engineering associated apprentice and career programmes.

Fees

\$360.00 – This is the kit price to make the mini bike. This price could be subject to change due to the NZ dollar exchange rate. A sixty percent deposit must be paid before the end of Term 4 2009.

Entry Requirements

Students need to have achieved a minimum of 13 Level 1 English Achievement Standards. These 12 credits must include AS 90057 (1.6) and at least one of the following: AS 90054 (1.3), AS 90055 (1.4), AS 90056 (1.5).

This course offers a full Level 2 English programme.

Subject Matter

This programme involves in-depth studies of novels, plays, poetry, short stories and film. It also involves language study and developing writing and critical thinking skills.

Types of Tasks

Students will:

- Keep a reading log
- Evaluate texts and develop detailed response essays
- Participate in oral and visual presentations

Assessment

Assessment will be by Level 2 English Achievement Standards (22 Credits). Nine Level 2 Achievement Standard credits, plus four Level 2 Unit Standard credits will be gained internally and include creative and formal writing, oral presentation and keeping a reading log.

Nine credits will be gained externally and include response to text, language comprehension and analysis.

This course fulfils the entry requirements for University Entrance.

Students will need to purchase a course outline and assessment activity booklet from the stationery shop at the beginning of the year.

ENGLISH B

ENB

Entry Requirements

This programme is an intended pathway for students who have gained 8 credits from an 11 ENA course.

Subject Matter

- Writing in all its aspects
- Reading and viewing a range of texts
- Media presentation

Types of Tasks

- Written – Keep a response journal and reading log
- Visual – Present static images

Assessment Scheme

The course is a totally internally assessed course, offering a mix of Level 2 Unit and Achievement Standards (up to 25 credits).

Students will be required to pay a \$6.00 photocopying fee to cover costs of activity / exemplar sheets handed out as each new Standard is introduced.

An ENC class may be created for those students who find English demanding and students will be directed into this class.

ENVIRONMENTAL SOCIAL STUDIES

ESS

Open entry. The aim of the course is to develop students understanding and awareness of the earth's resources and the impact of people's activities and decisions on the health of the environment.

Subject Matter

- Resource Wars
- Running on Empty
- The Last Resort
- The Conservation Question

Assessment Scheme

Internally Assessed

- AS 2.3 Conduct an advanced Social Studies inquiry
- AS 2.4 Describe responses to values positions
- AS 2.5 Plan social action in relation to a social issue

A total of 14 credits is offered.

FOOD AND NUTRITION

FNU

Entry Requirement

Ten Level 1 credits in Home Economics (Food and Nutrition) or English
or
By negotiation with the Teacher in Charge.

Subject Matter

Societal factors influencing food choices
Social determinants of health
Study of a nutritional concern, specific to New Zealand health
Food for high energy users
Beliefs and practices associated with vegetarianism
Allergies and special food needs

Types of Tasks

Practical activities – developing products and foods to meet specific needs
Individual assignments – gathering and recording information
Case studies
Group Work

Assessment Scheme

Students will be assessed by Level 2 Standards.

A total of 27 credits is offered.

Fee:
\$20.00

FRENCH

FRE

Entry Requirements

At least 15 credits gained from Level 1 French Achievement Standards. A minimum of three oral credits, three writing credits and six reading comprehension credits.

Subject Matter

The course broadens language study from Year 11 using the texts *Envol* and *Zenith*. Topics include:

- Traditional stories
- Youth health issues
- A French speaking community outside France
- Family and friends and latest trends

The course focuses on modern life and issues of interest to teenagers.

Types of Tasks

- Reading short stories
- Creating posters / brochures
- Writing research assignments
- Giving talks and participating in discussions and debates
- Completing computer based activities
- Making notes in French and English
- Listening to spoken French and responding in a variety of ways

Students will be able to ask questions, give opinions, develop ideas, express thoughts of young people and build on a sound understanding of grammar, for a smooth transition to Year 13 French.

Assessment

This will be by Level 2 Achievement Standards. Students will be offered the opportunity to enter the Australian Language Awards (cost \$10.00).

A total of 24 credits is offered.

Fees

\$5.00

GEOGRAPHY

GEO

Entry Requirements

Open entry although it would be advisable to have achieved 12 or more credits in Level 1 Geography Achievement Standards.

or

Achieved 12 or more credits in Level 1 English Achievement Standards.

Subject Matter

- Investigate natural landscapes (3 credits), urban settlements (3 credits) and inequalities in development, at a local, national and global level (3 credits).
- Geographic skills (4 credits).
- Issues of current concern in which students participate in decision making (3 credits).
- Global processes of natural and cultural interest (3 credits).
- Research / field work (5 credits).
- Content covers South America, Africa, Europe as well as New Zealand.

Types of Tasks

- Field work.
- Practical skills of mapping, researching and processing information into written reports and visual summaries.
- Listening, discussing, observing and analysing information.

Assessment Scheme

Assessment will be by Level 2 Achievement Standards. Eleven credits will be internally assessed and 13 credits will be gained from external examination.

Students will need to purchase a course outline and assessment activity booklet from the stationery shop at the beginning of the year.

Note

There are two field trips that students must do as part of this course. The cost of the bus for the field work must be met by the students.

Estimated cost - \$50.00.

Fee

A photocopying fee of \$8.00 also applies.

GRAPHICS

GRA

Entry requirements

12 credits from Level 1 Graphics. Good independent work habits are essential.

Types of Tasks

This course builds on the foundations of Year 11 Graphics and requires more in-depth work and quality drawing and presentation skills in design, building, engineering, media and technical illustrations areas. The course is design brief based and will require students to complete three major projects.

Assessment

4 internally assessed Achievement Standards - 12 credits at Level 2

3 externally assessed Achievement Standards - 9 credits at Level 2

Learning Outcomes

This programme promotes the development of enquiry and discrimination skills. It also encourages initiative, ingenuity and resourcefulness through activities based on real situations in graphical communications.

This course can lead to Year 13 Graphics and design courses at polytechnics and other tertiary institutions.

Fees

\$25.00

HISTORY

HIS

Entry Requirements

Sixteen credits or better in Level 1 History and / or English.

Subject Matter

The study of major forces shaping today's world - nationalism, imperialism, war and diplomacy. Three topics illustrating the themes studied in depth, selected from:

- Red October: The Russian revolutions of 1917.
- Guerrilla and GI: Vietnam and the conflict in Indo-China.
- Origins of World War I

Types of tasks

- Selecting and recording information from a variety of sources - written, visual, audio visual and community.
- Weighing evidence and recognising different historical interpretations.
- Establishing historical relationships.
- Forming judgements on the basis of supporting evidence and sound argument.
- Discussion and debate of historical issues and their consequences on the modern world.

Assessment Scheme

Assessment will be by Level 2 History Achievement Standards (24 credits). Twelve credits are gained by internal assessment and 12 are assessed externally.

Learning Outcomes

- Inquiry skills - to gather, process and present information.
- Understanding of major forces shaping the modern world.
- The ability to enter imaginatively into events of the past.
- Deeper understanding of students heritage, culture and place in the world.

Fee

\$8.00 photocopying

HISTORY OF ART

ARH

Entry Requirements

Open entry. Twelve credits or better in Level 1 English, Geography or History. Practical Art not required.

Subject Matter

The course develops a knowledge and appreciation of modern art. Topics are:

- The development of modern art in the twentieth century.
- Contemporary New Zealand art.

Assessment Scheme

Level 2 History of Art Achievement Standards. This will include internally assessed Standards based on project work, and external Achievement Standards.

A total of 24 credits is offered.

Learning Outcomes

This course develops skills in research and engenders a critical awareness in relationship to visual material. A knowledge and appreciation of Modern Art is an outcome.

HORTICULTURAL SCIENCE

HRT

Entry Requirements / Prerequisites

Twelve credits or more achieved in Level 1 Horticulture Achievement Standards.

or

Having taken Horticulture in Year 9 or 10 and have 12 credits or more in Level 1 Agricultural Science.

or

At the discretion of the Curriculum Leader.

Subject Matter

Experimental Design

Plant Productivity

Plant Growth Regulation

Plant Propagation

Amenity Horticulture

Soils and their Improvement

Types of Tasks

Experimental design, implementation and analysis of data; practical work involving propagation, husbandry of crops; pest and disease management; field trips; effective management of growing media and resources; self directed learning during assignment and project work.

Assessment

Assessment will be by six Level 2 Achievement Standards in Horticulture (24 credits).

Fee

\$12.00

Note: Students entered for this course cannot enter the Agriculture option.

HOSPITALITY AND CATERING

HOS

This course is designed for students who wish to gain basic knowledge and skills working with food in the hospitality / catering industry. This is a Year 12 course open to Year 13 students.

Entry Requirement

Previous study in Home Economics or Food Technology is desirable but not essential.

Subject Matter

- Food Handling – Hygiene and Safety
- Terminology Used in Catering
- Methods of Cooking e.g. roasting, grilling
- Food preparation, cooking and presentation of a range of foods and dishes

Types of Tasks

- Practical activities
- Booklet / written work

Assessment

Students will have the opportunity to gain credit in Level 2 Unit Standards in accordance with the Hospitality Standards Institute, that could be credited towards two Level 2 Certificates in Food and Beverage as well as the NCEA Level 2 Certificate.

A total of 22 credits is offered.

Learning Outcomes

- To work independently.
- To gain knowledge of terminology and equipment used in catering.
- To develop knowledge and capability in the preparation, cooking and presentation of a range of foods in the hospitality / catering industry.
- To gain qualifications that could lead to employment opportunities or a National Certificate.

JAPANESE

JPN

Entry Requirements

Twelve Level 1 credits with at least two Achievement Standards being merit passes, or by negotiation with the subject teacher.

The Course

The Level 2 course covers four topics as prescribed for the two year course leading to Level 3. The other four topics are covered in Year 13.

The four topics for Year 12 are:

- Family Life
- Eating and Drinking
- Leisure Activities
- The School System

These themes are based on the "Getting There in Japanese" texts and the "Nihon e Ikoo" listening resource. Each topic covers the skills of reading, listening, writing and speaking. Cultural aspects are integrated into the topics.

Japanese Script: Students are required to learn 57 Kanji for mastery and 68 Kanji for recognition by the end of Year 12. These will be tested regularly.

Students will be expected to take responsibility for the regular learning of vocabulary, grammar and script.

Types of Tasks

Listening and Speaking - Extracting information from passages of spoken Japanese, taking part in conversations and speeches, communicating ideas and opinions based on themes studied.

Reading and Writing - Reading and writing some basic Kanji, recognising others. Translation. Convey information in written form.

Cultural - Developing a greater understanding of present day life in Japan.

Assessment

Assessment will be by Level 2 Achievement Standards (total of 21 credits).

Fee

\$5.00

12 MATHEMATICS A

MAA

Entry Requirements

Students must have at least 15 credits from Level 1 Mathematics Achievement Standards – must include Algebra 90147 (1.1) and Graphs 90148 (1.2).

and

English Achievement Standard 1.1 and Unit Standard 8808.

or

By negotiation with the Mathematics Faculty Leader.

Subject Matter

This course develops students' mathematical skills, concepts and understanding of mathematical processes in measurement and calculus, geometry, algebra, statistics and probability.

Types of Tasks

Emphasis is placed on applying the above skills, concepts and understandings to familiar and unfamiliar problems arising in real and simulated situations.

Assessment

Assessment will be by Level 2 Mathematics Achievement Standards. There are five externally assessed standards (15 credits) and two internally assessed standards (4 credits).

Learning Outcomes

As well as further developing a student's confidence in utilising mathematics and problem solving skills in a variety of different situations, this course aims to develop the student's ability to reason logically and systematically.

This course is a pre-requisite for Year 13 Statistics and Modelling and Year 13 Calculus.

Students must have a graphics calculator available at all times.

12 FOUNDATION MATHEMATICS

FMA

This course follows a similar programme of Achievement Standard topics as the 12 mathematics A course. However, this course is aimed at students working at the Achieved level. Students in this course do not study the Calculus and Algebra topic covered in 12 Mathematics A.

Entry Requirements

Students must have:

- At least 12 credits from Level 1 Mathematics Achievement Standards
- English 1.1 and Unit Standard 8808.

or

By negotiation with the Mathematics Faculty Leader.

Subject Matter

This course develops students' mathematical skills, concepts and understanding of mathematical processes in measurement, probability, geometry, algebra and statistics.

Types of Tasks

Emphasis is placed on applying the above skills, concepts and understanding to familiar and unfamiliar problems arising in real and simulated situations.

Assessment

Assessment is by Level 2 Mathematics Standards.

There are four externally assessed Standards (9 credits) and four internally assessed Standards (9 credits).

Learning Outcomes

This course further develops a student's basic mathematical and problem solving skills in a variety of situations. It encourages logical and independent reasoning to solve straightforward problems.

This course is a pre-requisite for Year 13 Foundation Statistics. It also offers a pathway to Year 13 Mathematics B.

Students must have a graphics calculator available at all times.

12 MATHEMATICS B

MAB

This course provides students with the opportunity to develop their skills using the more practical aspects of Mathematics. It focuses on using Mathematics in real life situations and allowing students to succeed in Mathematics. Students will develop financial life skills, research skills, an understanding of the relevance of Mathematics for life-long learning, and will use Mathematics in a design process.

Entry Requirements

Students must have studied Maths A or Maths B and gained at least 8 credits from Achievement Standards.

and

Studied 11 Maths C and gained at least 10 credits other than from 8489, 8490, 8491 and 8492.

English Achievement Standard 1.1 and Unit Standard 8808.

or

By negotiation.

Assessment

This course offers Level 2 internally assessed Standards, up to 18 credits.

You should choose this course if you want to:

- Experience success in using Mathematical ideas
- Gain further skills in Mathematics
- Become confident to apply Mathematics in everyday situations

Students must have a graphics calculator available at all times.

MEDIA STUDIES

MED

Entry Requirements

Achieved 12 English Level 1 credits, including 90057 (Reading Skills) and two of the literary essays 90054, 90055 or 90056 (preferably 90056).

Subject Matter

The study of magazines, television and film.

Types of Tasks

- Design and produce a media text – a two page feature article for a magazine of own choice
- Explain the use of narrative (telling of a story) in film
- Undertake a media film genre study e.g. Vampire
- Understand media audiences, read unfamiliar texts and understand messages, values and representations within a media text e.g. teenage rebel film

Assessment Schemes

Students will have the opportunity to achieve six Level 2 Achievement Standards with a total of 24 credits.

Learning Outcomes

At the completion of this course each student will have increased their range of literacy skills to encompass a range of media texts and have a practical involvement in planning and producing a media product.

Media Studies prepares students for study at Level 3 Media Studies / English.

Fee

\$25.00

Students are required to purchase the following resource at an approximate cost of \$10.00: Media Studies Achievement Standards Level 2 – Resource Book for Year 12 Students

MUSIC

MUS

Entry Requirements

Must have achieved two Standards in Level 1 Music, or have approval from the curriculum leader.

Subject Matter

Music Level 2 is assessed in seven components:

- Solo performance
- Group performance
- Composition
- Aural skills
- Score reading
- Knowledge of music works

Students must be taking individual tuition in their chosen performance area, and should have a standard of performance that reflects three years tuition.

Assessment Scheme

Assessment will be by seven Level 2 Achievement Standards. Standards will be internally and externally assessed. This assessment provides up to a maximum of 23 Level 2 credits towards the NCEA Level 2 Certificate.

External assessment covers:

- Aural skills (2 credits)
- Theory skills (3 credits)

Internal assessment covers:

- Perform as a featured soloist (6 credits)
- Perform as a group member (2 credits)
- Compose pieces of music (5 credits)
- Demonstrate knowledge of music works (5 credits)

Fees

Hire of school instrument (if necessary) - \$80.00

Instrumental / vocal tuition - \$100.00

PHOTOGRAPHY

PHO

Entry Requirements

Twelve credits or better in Level 1 English with proven work ethic. The material fee is \$200.00 for the year. This covers all materials. A bond of \$50.00 for camera use is required. Students are not required to have their own camera.

Subject Matter and Types of Tasks

All students will be trained in the use and operation of a camera and dark room and be able to develop and print film. The development of the aesthetic (picture making) and appreciation of historical and social context is an important part of the course.

Assessment Scheme

This is a practical course with theory support.

Assessment will be by Level 2 Photography Achievement Standards (18 credits) and Unit Standards (6 credits).

Learning Outcomes

- The student will be technically proficient in using a camera, developing, printing film and darkroom procedure.
- Be able to use with proficiency film scanners, digital cameras and programmes in the Mac suite.
- Have an appreciation of the history and social impact of photography.
- Be able to "picture make" (aesthetics) and initiate a personal evolution of their own and other work.

Fee

\$200.00

\$50.00 Camera Bond

PHYSICS

PHY

Entry Requirements

Ten Science Level 1 credits from external assessment, including 90191, plus Achievement Standard 90186 (internal) and Year 11 Mathematics Achievement Standard 90147 or 90152.

Subject Matter

- Kinematics and Dynamics - analysing motion, collisions, projectiles, circular motion, springs, force and energy.
- Electricity and Electromagnetism - basic principles of electrical circuits, magnetism and how motors and generators work.
- Light and Waves – reflection, refraction, diffraction, interference, curved mirrors and lenses.
- Modern Physics - atomic models and radioactivity.

Types of Tasks

Course work will involve:

- Carrying out practical investigations to investigate familiar physical systems and reporting the findings
- Using a variety of equipment to analyse physical situations
- Using graphing skills to analyse and establish physical relationships
- Developing a knowledge and understanding of physics principles
- Problem solving and discussion of principles

Assessment

Assessment will be by Level 2 Physics Achievement Standards (15 credits) and Unit Standards (10 credits).

Learning Outcomes

At the end of this course students should be able to:

- Demonstrate an understanding of basic facts, concepts and principles related to the physical world and how physical theories and models have been developed.
- Demonstrate a range of investigating skills i.e. carrying out investigations, gathering/processing data and communicating information.

Fees

\$10.00

PRACTICAL ART

ARP

Entry Requirements

Students must have achieved Level 1 Achievement Standards 1.2 and 1.3 in Year 11 Art.

or

By negotiation with the subject teacher.

A proven work ethic is essential for this course.

Subject Matter

Students work on personal programmes involving a practical study of contemporary (modern) artists and practices. A cultural study component is included.

Types of Tasks

Students are required to submit a portfolio of original works, demonstrating their ability to work in areas of painting and design.

Assessment Scheme

Works evolve from studies which are assessed each term.

Assessment will be by Level 2 Practical Art Achievement Standards (24 credits).

Learning Outcomes

This course develops a knowledge and understanding of existing methods and ideas which underlie painting and design. It encourages personal performance with problem solving in an invigorating manner.

Fees

\$50.00

SCIENCE B

SCB

Entry Requirements

Ten Level 1 Science credits or have approval by the teacher in charge of the subject.

Subject Matter

The course is divided into the following areas:

- Data processing and graphing skills
- Living World
- Ecology
- Cells – Reproduction
- Plant Processes
- Animal Processes

Note:

Course content is adjusted each year to meet the needs of each particular group. If most students require Level 1 credits then Physical and Material World Unit Standards can be completed. If students have attained Level 1, then Level 2 Unit Standards will be offered.

Types of Tasks

Students are expected to:

- be committed to the course.
- maintain a well organised folder of notes.
- undertake a wide range and number of practical activities and investigations.
- undertake independent learning and research.

Assessment Scheme

Unit Standards at Level 1 and Level 2 of the New Zealand Curriculum. A minimum of six Unit Standards will be offered but there is opportunity for students to extend themselves with a number of Level 1 and Level 2 Achievement Standards that involve independent research and investigation. This will enable students to achieve 20 – 24 Level 1 or Level 2 credits. Students with good work habits and ability for independent learning will succeed in this course.

NOTE:

Students taking this course are not eligible for other Year 12 Science subjects (Chemistry, Biology, Physics).

Fees

\$5.00

SPORT SCIENCE

SPS

Entry Requirements

Sixteen credits or better in Year 11 Sport Science which must include Achievement Standard 90068, or at the discretion of the Head of Faculty.

Subject Matter

- Anatomy and biomechanics applied to a physical activity
- Safety and risk management to physical activity in the outdoors
- Practical skills in two different sports / physical activities
- Motor skill learning and sports psychology principles to a physical activity
- Physical activity and its relationship with a healthy lifestyle
- Principles and methods of training in relation to physical activity

Types of Tasks

Participating in a variety of sport and physical activities.

Understanding / explaining / discussing and critically analysing the theory behind practical activities.

Examining and experiencing methods of physical fitness development.

Learning Outcomes

- An in depth understanding and application of biomechanical principles in a sporting context.
- The ability to plan and carry out an outdoor activity with reference to correct health and safety procedures.
- An understanding of principles and methods of training, and the ability to apply these in a sporting activity.

Assessment

Will be by Level 2 Physical Education Achievement Standards, offering 18 credits.

Fee

\$10.00

A four day excursion to Taranaki is part of an assessment. This trip will not be compulsory but participation is highly desirable. Other opportunities will be made available for assessment. Maximum trip cost - \$300.00.

TE REO MAORI

MAO

Entry Requirements

Level 1 Achievement Standards 90131, 90132, 90133 and 90134, or by negotiation with the Head of Department

Subject Matter

This course develops students abilities to understand and use written and spoken Māori and to understand aspects of the history and culture of the Māori.

Types of Tasks

Students will study spoken and written Māori, te ao Māori and tikanga Māori.

Practical experience will also be gained in:

- Moteatea
- Whaikorero / Karanga
- Mihimihi

Assessment Scheme

Components assessed are Whakarongo, Korero, Pānui, Tuhituhi and Hanga tuhi.

Assessment will be by internally assessed Unit Standards and Achievement Standards – 28 credits.

Extension will be offered through a further two internally assessed Achievement Standards and two externally assessed Achievement Standards – up to 20 further credits.

For students involved in Kapa Haka, Unit Standards at Level 2 will be offered in Māori Performing Arts.

Learning Outcomes

As well as further developing student's confidence to utilise spoken and written Māori they will learn many practical skills.

As seniors Year 12 students will be expected to tautoko all kaupapa Māori in the school such as powhiri, and will be expected to participate to some degree in the school's Māori Club, as part of their tikanga assessment.

Fee

\$4.00

Māori dictionary is essential.

TEXTILES TECHNOLOGY

TTE

Entry Requirements

Ten credits at NCEA Level 1 Technology Textiles or English, or at the discretion of the teacher in charge.

An ability to do practical sewing is essential

Subject Matter

- Textile design and pattern making
- Garment construction and tailoring
- Design for a specific market / target group

Types of Tasks

- Independent research using a variety of resources
- Practical tailoring skills
- Practical design and pattern drafting skills
- Problem solving
- Sketching and visual media

Assessment Scheme

Assessment will be by Level 2 Achievement Standards (internal and external). There are 20 available credits.

Learning Outcomes

- To develop skills in communication, research, self management, problem solving, decision making.
- To work independently.
- To develop tailoring and pattern drafting skills and creative flair.
- To gain an awareness of the role of textiles in society, its related technological and consumer influences on our environment.
- To gain an academic qualification that will enable the choice of this career option.

Fee

\$20.00

TOURISM

TOU

Entry Requirements

Level 1 Literacy.

Subject Matter

- World and New Zealand travel destinations and their attractions and activities
- The impacts of tourism
- Tourism businesses and the roles within them
- Numeracy skills for tourism
- Tourist characteristics and needs

Types of Tasks

- Mapping world and New Zealand destinations
- Reading graphs and tables and interpreting trends
- Identifying and describing roles in the tourism industry
- Researching activities and attractions

In all of the above attention to detail and high levels of accuracy are required.

Assessment

Internally assessed by Unit Standards offering 21 credits.

These contribute to both NCEA Level 2 and form the first year of the two year National Certificate in Tourism (Introductory Skills) Level 2. Students can continue the second year in Year 13.

All assessments are approved and moderated by ATTO, the Tourism Training Organisation.

GATEWAY (Structured Workplace Learning)

GAT

This is a programme that offers students the opportunity to trial, in the workplace, their probable career choice. It involves learning and assessment in the workplace as well as the usual school based learning. Students will spend one day a week, in one workplace, until the end of Term 3. Subjects missed on that day must be caught up.

Entry Requirements

1. The student is working at Level 2 or Level 3 for the majority of their other subjects.
2. Level 1 literacy and numeracy minimum standards have been achieved.
3. A strong commitment has been shown towards a particular career choice through previous subject selection, work experience, or career planning e.g. Yr10 Learning and Career Plan.
4. A suitable workplace can be found to match the student's career choice.
5. All students will be interviewed prior to selection for this programme.

Gateway requires a strong commitment from each student. They need to be focussed, independent learners.

Assessment

Unit Standards relating to employment skills (mainly Level 1) will be used for in-school assessment in Term 1 and Term 4.

Unit Standards relating to the work-based learning will be negotiated with the employer and the Industry Training Organisation.

Learning Outcomes

- CV preparation
- Health and Safety in the workplace / Site Safe Course for Building and Engineering students
- Job search skills
- Knowledge of their chosen workplace
- Achievement of units as a basis for apprenticeships (ITO Unit Standards)
- Practical First Aid course

Possible Gateway opportunities in:

- | | |
|----------------|------------------------------|
| - Engineering | - Forestry |
| - Automotive | - Agriculture / Horticulture |
| - Building | - Retail |
| - Hairdressing | - Early Childhood |
| - Hospitality | - Plumbing |

Others work placements depending on job and ITO Unit Standards availability.

AVIATION

AVI

This course is offered in partnership with Flight Training Manawatu. It provides the opportunity to start a career in aviation.

There are two components to the course:

- Six National Certificate in Aviation papers delivered by Feilding High School.
- Private pilots licence delivered by Flight Training Manawatu which comprises of practical flying lessons and New Zealand Civil Aviation Authority examinations.

The course is open to Year 11 students. In the first year students are involved in practical flying lessons in their own time.

In the second year the students will study Unit Standards provided by ATTTO and will work out of D2 for one of their subject lines.

Fees

Approximately \$1900.00 to fly solo.

Approximately \$9000.00 to gain a private pilot's licence, including aircraft hire, texts and manuals and a Class 2 medical examination.

For further information see your Year Level Dean.