



Te Kura Tuarua o Horomaka
Hillmorton High School

SENIOR
COURSE BOOK

2010

Creating Better Futures

Hillmorton High School
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Staff who can assist in course selection

- | | |
|--|----------------------|
| • Art | Ms Hancock |
| • Commerce Subjects | Ms Williams |
| • Sciences | Mrs Holder |
| • Social Sciences | Ms Coulbeck |
| • English | Mrs Elliott |
| • Mathematics | Miss Gray |
| • Language | Ms Cooper/Ms Hunt |
| • Technology Soft, Home Economics, Childcare | Ms Philpott |
| • Technology/Graphics | Mr Maddison |
| • Te Reo Māori | Whaea Kororia |
| • Physical Education | Ms Ruscoe |
| • Performing Arts | Ms Lawrence/Miss Sim |

Also feel free to discuss your course with any staff member, for example Dean, Deputy Principals, Principal, Guidance Counsellors, Careers staff or your Tutor.

How To Use This Book

Step One Read “Choosing Your Course” on page 4. Consult pages 7 & 8 as to where your subject might lead and at what levels it can be studied.



Step Two Read pages 9 to 12 to get an overview of the curriculum at Hillmorton High School and NCEA.



Step Three Read the detailed subject descriptions from page 13.



Step Four Mark or highlight all the subjects that interest you as you read them. Use the Planning Page (6) to make notes.



Step Five Discuss with your parents/caregivers/appropriate staff/subject teachers/Tutor/HOD/Careers Staff/Dean/Deputy Principal.

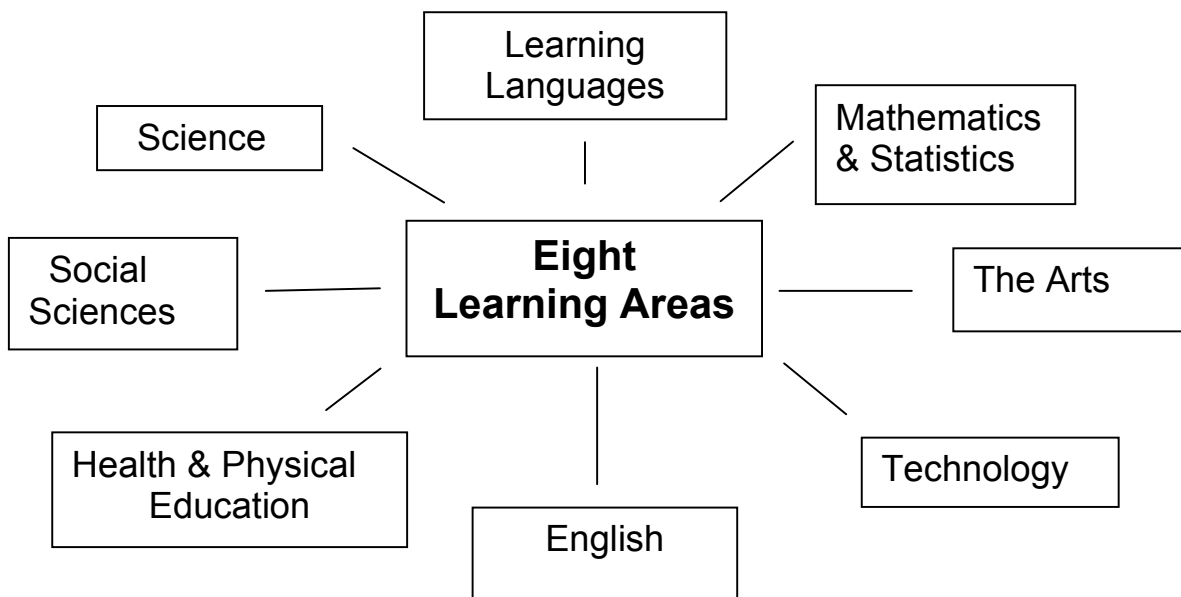


Step Six Write your subject choices on the Course Selection Sheet at the end of this book. Remove the Course Selection Sheet and hand in to your Tutor no later than **Monday 24 August**.

Choosing Your Course

The New Zealand Curriculum Framework defines
EIGHT LEARNING AREAS

These areas cover the skills, knowledge and understandings needed by all students in New Zealand. At Hillmorton High School, we provide a broad and balanced education, covering all of the Eight Learning Areas.



Key Competencies

Capabilities for Living and Lifelong Learning:

The New Zealand Curriculum identifies five key competencies:

- thinking
- using language, symbols, and texts
- managing self
- relating to others
- participating and contributing.

People use these competencies to live, learn, work, and contribute as active members of their communities. More complex than skills, the competencies draw also on knowledge, attitudes, and values in ways that lead to action. They are not separate or stand-alone. They are the key to learning in every learning area.

The development of the competencies is both an end in itself (a goal) and the means by which other ends are achieved. Successful learners make use of the competencies in combination with all the other resources available to them. These include personal goals, other people, community knowledge and values, cultural tools (language, symbols, and texts), and the knowledge and skills found in different learning areas. As they develop the competencies, successful learners are also motivated to use them, recognizing when and how to do so and why.

Opportunities to develop the competencies occur in social contexts. People adopt and adapt practices that they see used and valued by those closest to them, and they make these practices part of their own identity and expertise.

The competencies continue to develop over time, shaped by interactions with people, places, ideas and things. Students need to be challenged and supported to develop them in contexts that are increasingly wide-ranging and complex.

Planning Page

Use this page to jot down possible courses, questions you might have before completing the selection sheet. Remember your course selections need to be with your Tutor no later than Monday 24 August 2009.

WHERE DOES YOUR LEARNING LEAD?

LEARNING AREA	YEAR 9 COURSES	YEAR 10 COURSES
English (Te Reo Pakeha)	English ESOL	English ESOL
Learning Languages	Japanese Spanish Te Reo Māori	Japanese Spanish Te Reo Māori
Mathematics & Statistics (Pangarau)	Mathematics	Mathematics
Science (Putaiiao)	Science	Science
Social Sciences (Tikanga-a-iwi)	Social Sciences	Social Sciences Enterprise Studies
Health and Physical Education (Hauora, Kori Tinana)	Physical Education Health Education Home Economics	Physical Education Health Education Home Economics
Technology (Te Hangarau Matu)	Graphics Digital Technologies Technology: Wood/Metal Technology: Electronics, Structures & Mechanisms	Graphics Digital Technologies Technology: Soft Materials Technology: Wood Technology: Metal
Arts (NgāToi)	Art Dance Drama Music	Art Dance Drama Music

WHERE DOES YOUR LEARNING LEAD?

LEVEL 1 COURSES	LEVEL 2 COURSES	LEVEL 3 COURSES
English English Skills ESOL (Beginner, Elementary, Intermediate)	English or English Skills Independent English Skills ESOL	English Independent English Skills
Japanese Spanish Te Reo Māori	Japanese Spanish Te Reo Māori	Japanese Spanish Te Reo Māori
Mathematics Pre Calculus Mathematics Pre Statistics Mathematics Applied	Mathematics with Calculus Mathematics with Statistics Mathematics Applied	Mathematics with Calculus Statistics & Modelling
Science Practical Science Applied Science	Physics Chemistry Biology Electronics	Physics Chemistry Biology
Geography History Economics Accounting Social Studies	Geography History Classical Studies Economics Accounting Business Studies Tourism & the Tourism Industry Transition	Geography History Classical Studies Economics Accounting Business Studies Transition Transition Full Time Job Search
Physical Education Childcare Health Home Economics Design For Living – Foods	Physical Education/Outdoor Education Child Care Health Home Economics Design For Living	Physical Education Child Care Health Home Economics
Graphics Technology – Soft Materials Technology - Engineering Technology - Wood Automotive Engineering Computer & Information Science (CIS)	Graphics Hospitality & Catering Technology – Soft Materials Technology - Engineering Technology - Wood Automotive Engineering CIS – Applications CIS – Programming, Multimedia & Hardware	Graphics Technology – Soft Materials Hospitality & Catering Technology – Engineering Technology - Wood CIS – Applications CIS – Programming CIS – Application Skills
Art Drama Dance Music	Art – Practical Photography Drama Dance Music	Art – Painting Art – Printmaking Art – Design Photography Drama Dance Music

Notes

The aim of this Senior Course Book is to inform parents and students of the subjects offered in the Senior School. It contains details relating to the variety and nature of subjects which are available at Years 11, 12 and 13.

Movement into the senior school marks a transition from studying the core subjects to studying subjects that are more specialised. The selection of the most suitable and appropriate subjects is therefore extremely important. It is recommended that students and families read the Senior Course Book carefully and keep in mind the following guidelines:

- **Avoid specializing too early.** Keep a broad range of subjects for as long as possible through your school career.
- **Look closely at your present subjects.** Avoid dropping a subject you may need later on.
- **Assess your skills and your areas of expertise.** Build on these.
- **Choose subjects that you enjoy** – if you are interested, you are more likely to do well.
- If you have a career in mind check you are choosing the most appropriate course. Ask Career staff and/or check out on www.careers.govt.nz
- **Think ahead** – plan your course selection through to the end of Year 13.

Consultation and advice on all subjects will be provided at school by subject teachers, Heads of Department and Careers staff. The final course chosen must be approved by the House Dean and Deputy Principal.

Students and parents are welcome to make an appointment with the Dean or Careers staff at any time.

As far as possible, the school tries to meet individual subject requests and provide a course of study that meets the needs of each student.

Staffing is allocated to schools according to Government teacher-student ratios. If the number of students electing to study a given subject falls below the determined ratio, there may not be sufficient teacher time available to offer the subject.

As a guideline, the minimum class size is set at 12 to 15 students. However, there may be some variations possible if the subject continues from a lower level. Every endeavour will be made to accommodate student requests but where classes are below minimum size, levels may be combined or teacher contact time may be reduced. Certain combinations of subjects may not be possible in one year.

Some courses have a cost component to them, either course materials or field trip costs. These have been kept to a minimum but if any student has concern over choosing a subject with costs associated, they should see their Dean to discuss the situation before selecting the course.

All information included in this book is accurate at the time of publication. Expenses indicated for each subject are correct at the time of printing but should be regarded as estimates rather than accurate costs.

Explanatory Notes

- NQF refers to the National Qualifications Framework
- NCEA refers to National Certificate of Educational Achievement
- NZQA refers to New Zealand Qualifications Authority
- HOD refers to 'Head of Department'
- AS refers to Achievement Standards
- US refers to Unit Standards

Senior Qualifications

The curriculum in Years 11, 12, 13 is designed to lead students towards national qualifications at each level.

National Certificate of Educational Achievement Credits - Level One (Year 11):

- All Year 11 students must study a course of English, Science, Mathematics and three other subjects at Level 1 NCEA.
- Students must attend school full-time and complete the required course of study.
- Subjects are assessed internally and externally. The external examination or moderation of work will occur in November. Some subjects have a practical requirement.
- Grades used are: Not Achieved, Achieved, Merit, and Excellence, and students gain a number of Level 1 credits in each of the 6 to 9 Achievement Standards that make up each subjects (see subject listings). Students gaining 80 credits at Level One will qualify to receive a National Certificate of Educational Achievement Level 1 provided they achieve 8 credits in English and 8 credits in Mathematics.

National Certificate of Educational Achievement Credits - Level Two (Year 12):

- Students may enter 1 - 6 subjects for Level 2 credits in NCEA in any one year. Students will take at least five subjects and must study a course of English. All students will complete the Year 12 Vocational Skills and Health course.
- All fourth year students are in Year 12. Entry requirements for individual subjects must be studied as most Level 2 subjects require a specific number of Level 1 Credits or Head of Department approval.
- In selecting Level 2 subjects students must be aware of which subjects can be taken for University Entrance at Level 3. (See below)
- Students must attend school full-time and complete the required course of study.
- Subjects are assessed internally and externally. The external examination or moderation of work will occur in November. Some subjects have a practical requirement.
- Grades used are: Not Achieved, Achieved, Merit, and Excellence, and students gain a number of Level 2 credits in each of the 6 to 9 Achievement Standards that make up each subject (see subject listings). Students gaining 60 credits at Level 2 plus another 20 credits from any level during the year will qualify to receive a National Certificate of Educational Achievement Level 2.

National Certificate of Educational Achievement Credits - Level Three (Year 13):

- Students may enter 1 to 6 subjects for Level 3 credits in NCEA in any one year. Students will take at least five subjects.
- All fifth year students are in Year 13. Entry requirements for individual subjects must be studied as most Level 3 subjects require a specific number of Level 2 Credits or Head of Department approval.
- In selecting Level 3 subjects students must be aware of which subjects can be taken for University Entrance at Level 3. (See note below)
- Students must attend school full-time and complete the required course of study.
- Subjects are assessed internally and externally. The external examination or moderation of work will occur in November. Some subjects have a practical requirement.
- Grades used are: Not Achieved, Achieved, Merit, and Excellence, and students gain a number of Level 3 credits in each of the 6 to 9 Achievement Standards that make up each subjects (see subject listings). Students gaining 60 credits at Level 3 plus another 20 credits from Level 2 during the year will qualify to receive a National Certificate of Educational Achievement Level 3.

Students will be able to have a National Certificate endorsed with Achieved with Merit or Excellence provided they gain 50 credits or more at Merit and/or Excellence.

University Entrance:

- The minimum requirements for entry to University are: 42 Level 3 credits with 14 credits each in two approved subjects plus another 14 credits from any other two subjects. A student must also have achieved at least 8 credits in English or Te Reo Maori at Level 2 or higher and 14 credits in Mathematics Level 1 or higher.

University Scholarship:

- This is an extra external examination based on the Level 3 courses.

Multi-Level Study:

Year 11, 12, and 13 students may need to study at more than one level, either because they have not met the required standards of entry to progress to the next level in a particular subject,

- Or to shape a course suited to their individual needs,
- Or provide more challenge in extending themselves in areas of excellence.

National Certificate

Unit Standards, in an appropriate combination, will lead to a National Certificate qualification.

- **National Certificate in Employment Skills:**

This National Certificate comprises compulsory Unit Standards and any 12 other Unit Standard credits. The compulsory Unit Standards are taught in the subjects stated below while the additional 12 credits required can be studied in any subject offering Unit Standards. It is generally a two year course although Year 13 students may complete it in one year by following certain subjects.

Two year course: Students should select in their first year: Year 12 Essential Skills (Transition), Senior Independent English, Year 12 Maths Applied and any other subject offering Unit Standard credits. In the second year: Year 13 Work Readiness (Transition).

One year course: For Year 13 students the following subjects must be selected: Year 12 Essential Skills (Transition), Year 13 Work Readiness (Transition), Senior Independent English and Year 12 Maths Applied.

- **National Certificate in Entry to Automotive Trades (Level 2)**

A course is offered to start this certificate.

- **National Certificate in Computing (Level 2 and 3)**

The Level 2 & 3 Computer Studies Information Management courses will allow students to complete the compulsory parts of these certificates.

The remainder of credits for the **Level 2 Certificate** can come from 18 Computing credits at Level 2 or above or from any other subjects.

The remainder of credits for the **Level 3 Certificate** can come from 20 Computing credits at Level 3 or above or from any other subjects.

These certificates can be achieved over two years by completing Computer Studies at two levels **or** by taking both Computer Studies and Information Management in one year.

Gateway

Gateway is a Government funded workplace programme and is available to a limited number of senior Hillmorton High School students who have a proven interest in a career area.

Each Gateway student will have an individualized Gateway Learning Plan including unit standards. These may be assessed in the workplace, at school or in a tertiary environment, depending on the placement. Associated costs such as travel, specialist clothing, equipment and assessment costs are covered by the Gateway Fund.

The placement will depend on the needs of the student and the industry or employer. It could be in blocks of time such as a week a term or for one day or afternoon a week for up to 3 terms. Gateway students are supported by the Gateway Co-ordinator, Mrs Turnbull and the Gateway Administrator who organise the placement, manage the student's Learning Plan and assessment, and liaise with the employer.

Any senior student interested in Gateway for next year should indicate on the course selection sheet or contact Mrs Turnbull in the Careers Centre. Applications are also accepted during the year depending on availability of placements.

Career Development Processes

- Career Development is a focus in tutor groups during Terms 2 & 3.
- Year 11, 12 and 13 students participate in individual Career interviews that involve planning strategies for future education, training and employment.
- Prior to course choice Year 9 students receive information and assistance in class. Year 10 students meet with the Careers Advisor. Year 11 & 12 students discuss their choices during their Career Interview.
- Year 12 students have the opportunity to develop career planning tools in a study period.
- Students are encouraged to access current Career information and guidance from qualified staff.
- Information sessions are regularly held where visitors from various tertiary institutions present course and other relevant information.
- Other career opportunities are offered throughout the year, e.g. visits from Armed Services, Trades Expo and Studylink.
- STAR courses are available to provide hands on experiences to help with career decision-making.
- Work experience can be arranged on request in conjunction with Career planning and goals.
- Gateway is available to students wishing to engage in workplace learning.
- A Job Search programme is offered for students who are ready for work and therefore transitioning out of school. This programme is also offered to ex-Year 13 students at the beginning of their first year out of school.

Useful Websites

- www.nzqa.govt.nz
- www.teamup.co.nz
- www.careers.govt.nz

Accounting

Accounting (Level 1)

Prerequisites

None

Description

What do I buy for lunch? How long do I need to save for that new phone? Is this opportunity a wise investment? How much profit has been made? How long until I get my money back? Am I getting charged the correct amount of tax?

These are questions that can all be answered with the help of financial information.

Understanding financial information can help any one make wise and well-considered choices. This course is an introductory course, that will show how accounting helps individuals, households, clubs and small businesses make decisions.

You will look at ways to keep and maintain financial information, and will study what happens from the time a business transaction happens through to the preparation of a full set of business accounts.

At the end of this course you will be able to:

- Prepare a full set of accounts.
- Analyse these accounts, and make recommendations.
- Prepare simple reports to interested parties.
- Maintain personal banking records.

Assessment

Credits towards NCEA Level 1.

Both Achievement and Unit Standards. Up to 21 credits are available.

Leads to

Accounting Level 2

Accounting (Level 2)

Prerequisites

Level 1 Accounting, or at the discretion of the HOD.

Description

Level 2 Accounting builds on the foundation of the Level 1 course and provides students with an understanding of the accounting systems used by business organisations.

At the end of this course students will understand:

- How businesses put systems in place to protect their assets and avoid losses through fraud, theft or avoidable errors
- The documents and records required to provide managers, individuals and shareholders with reliable information for decision making.
- The role of computers in today's society, particularly as they concern the preparation of accounting data.

Assessment

Credits towards NCEA Level 2.

Both Achievement and Unit Standards. Up to 30 credits are available.

Leads to

Accounting Level 3

Accounting (Level 3)

Prerequisites

Level 2 Accounting.

Description

At this level students are prepared for NCEA Level 3 and Scholarship examinations. It is assumed that students have an in-depth knowledge of the Level 2 course. The course focuses on the processing, reporting and analysis of financial information for Partnerships and Companies.

The aims of the course are to build on the Level 2 year as well as enabling students to:

- Critically examine and discuss accounting reports;
- Analyse and evaluate accounting systems;
- Apply accounting principles and processes to the needs of management;
- Understand the legal structure businesses operate within in relation to financial reporting.

Assessment

Credits towards NCEA Level 3.

Both Achievement and Unit Standards. Up to 30 credits are available.

Leads to

Accounting at tertiary level.

Art

Art (Level 1)

Prerequisites

Junior Art, or HOD approval based on an interest in the subject, a high level of motivation and diligent work habits.

Description

This course covers: Drawing, 3D Work, Painting, Printmaking and Mixed Media. Contemporary New Zealand art works are studied including the affects of Maori, Polynesian and European influences.

Assessment

A maximum of 24 credits – 12 of which are externally assessed.

Leads to

Level 2 Photography and Art

NB: Students are required to pay an initial cost of \$50 which provides an Art box containing all basic materials.

Art (Level 2)

Prerequisites

Previous experience and the completion of Level 1 credits in Art are desirable but not essential. HOD approval must be given if the student has not completed Art at Level 1.

Description

This course is split into Painting, Printmaking & Design. Students present their finished work in a clear file for assessment.

Assessment

Internal: 18 credits
Course cost: \$40

Leads to

Level 3 Painting, Photography, Printmaking and Design

Art (Level 3)

Prerequisites

Preferably Level 2 Art and a proven aptitude in the subject. Motivation and independent work habits are essential.

Description

Three separate subjects (Painting/Printmaking/Design). An intensive study of contemporary artistic models and development of a personal style in response to Art.

Assessment

Internal: 10 credits
External: 14 credits

Course cost: \$40

Leads to

Tertiary study – Fine Arts School, Polytech and independent providers.

Purchase of all required stationery/materials is essential.

Automotive Engineering

Automotive Engineering (Level 1, Year 11)

Prerequisites

HOD approval.

Description

In this course, students learn how petrol and diesel engines work, as well as gaining a basic knowledge of fuel systems, electrics, brakes and steering. The course begins in the classroom, where students learn safety requirements, technical vocabulary and the main principles underpinning vehicle systems and components. The second half of the course utilizes the Automotive workshop, where students get the opportunity to dismantle and reassemble engines and mechanical components.

Course Costs: \$50

Assessment

Mostly written tests which provide up to 15 credits towards NCEA.

Leads to

Level 2 Automotive Engineering
Entry into Polytechnic courses preparing students for apprenticeships in any of the motor trades including automotive technician, diesel mechanic, auto electrician, panel beater.

A broad understanding of mechanical principles and workshop skills relevant to a wider range of trades.

Automotive Engineering (Level 2, Year 12)

Prerequisites

HOD approval

Description

This equips students with a broad knowledge of automotive systems both theoretically and practically. As well as providing a basic knowledge of fuel systems, electrics, brakes and steering, students are introduced to fundamental diagnostic and repair skills. All students are required to strip and reassemble a four stroke and two stroke engine to running condition.

Course Costs: \$50

Assessment

Mostly written tests which provide up to 18 Level 2 credits in industry based Unit Standards. These contribute to your final NCEA result.

Leads to

Entry into Polytechnic courses preparing students for apprenticeships in any of the motor trades including automotive technician, diesel mechanic, auto electrician, panel beater.

A broad understanding of mechanical principles and workshop skills relevant to a wider range of trades.

Biology

Biology (Level 2)

Prerequisites

15 Level 1 credits in Science including Biology Unit Standards 8923 and 8924 or HOD approval.

Description

The course covers:

- Laboratory and Field Investigations
- Use of laboratory tools
- Ecology
- Genetics
- Animal and Plant Form and Function
- Cell Biology

Approximate Course Costs:

Write-on manual	\$28
Field camp	\$90
Field trips	\$20

Assessment

Internal : 12 credits
External : 12 credits

Leads to

Level 3 Biology

Biology (Level 3)

Prerequisites

12 credits at Level 2 Biology or HOD approval.

Description

The course covers:

- Plant Responses and Animal Behaviour
- Molecular Biology and Mendelian Genetics
- Evolution and Speciation
- Trends in Human Biological and Cultural Evolution
- Applications of Molecular Biological Techniques and Contemporary Biological Issues

Approximate Course Costs:

Write-on manual	\$28
Field camp	\$90
Field trip	\$20

Assessment

Internal : 10 credits
External : 14 credits

Leads to

University Courses in biological and related fields.

Business Studies

Business Studies (Level 2)

Prerequisites

None, although Level 1 Accounting or Economics would be an advantage.

Description

This course will focus on various aspects of Business Enterprise. The course is designed for students who are considering:

- working in a business environment;
- further business studies at tertiary level;
- ownership or management of a business in the future;

and would like some practical management and business experience in a controlled school environment.

The course includes the:

- running of fundraising events for charities as part of an Event Management enterprise;
- development of communication skills;
- use of office systems;
- use of marketing;
- development of innovative thinking techniques;
- planning for a business activity;
- understanding of the legal/political/social environment in which businesses operate.

Assessment

100% internally assessed, approximately 20 credits

Leads to

Business Administration and Management Level 3.

Business Studies (Level 3)

Prerequisites

None, although Level 2 Business Studies would be an advantage.

Description

This course will focus on various aspects of Business Enterprise. The course is designed for students who are considering:

- working in a business environment;
- further business studies at tertiary level;
- ownership or management of a business in the future;

and would like some practical management and business experience in a controlled school environment.

The course includes the:

- running of a small profit making enterprise
- development of communication skills
- raising finance capital
- business planning
- creation and implementation of marketing plans
- use of innovative thinking techniques
- understanding of the implications of the legal/political/social environment in which businesses operate.

Assessment

100% internally assessed, approximately 20 credits

Leads to

Study at tertiary level.

Chemistry

Chemistry (Level 2)

Prerequisites

15 credits in Level 1 Science including the Chemistry Achievement Standard 90189, or HOD approval.

Description

Through developing their scientific knowledge, skills and attitudes, students will investigate and develop their understanding of the nature and behaviour of matter. They will learn how to apply their knowledge and skills to the needs of society and technology. The major topics covered will include:

- Atomic Structure and Bonding
- Organic chemistry
- Acids and bases
- Redox reactions
- Quantitative Chemistry
- Practical analytical work
- Equilibrium and Energy.

Course Costs: Approximately \$25 for manuals with CD Rom of full course notes and resources.

Assessment

Up to 20 credits Internal and 16 credits External.

Leads to

Level 3 Chemistry

Chemistry (Level 3)

Prerequisites

15 credits in Level 2 Chemistry or HOD approval.

Description

The major topics covered will include:

- Atomic Structure
- Bonding and the Periodic Table
- Transition Metals
- Enthalpy and Energy Changes
- Aqueous Solution Chemistry
- Organic Substances
- Oxidation and Reduction.

Course Costs: Approximately \$25 for manuals.

Assessment

Internal: 14 credits

External: Up to 18 credits

Leads to

Prerequisite for most tertiary study in Sciences, Health and Veterinary.

Childcare

Childcare (Level 1)

Prerequisites

None

Description

This involves practical aspects of looking after young children. Students who babysit young children or who enjoy being with young children, will benefit from this course.

Topics may include:

- The Beginning of Life
- Playing to Learn
- Healthy Eating
- Keeping Kids Safe
- Babysitting.

Course Costs: \$10

Assessment

Internal; 17 credits

Leads to

Level 2 and Level 3 Childcare

Childcare (Level 2)

Prerequisites

None

Description

This course covers the following topics:

- Pregnancy & Childbirth
- Child development and play (0–5 years)
- Practical childcare

Opportunities are given for students to learn through hands-on, practical situations during field work.

Course Costs: \$10

Assessment

Internal; 19 credits

Leads to

Level 3 Childcare and Early Childhood tertiary study.

Childcare (Level 3)

Prerequisites

Level 2 Childcare (course completion) or HOD approval.

Description

This course follows on from the Level 2 course. It covers new topics and provides for more indepth study.

Further opportunity is given for students to learn through hands-on practical situations during field work. Students who enjoy being with young children, or are interested in a career in Early Childhood Education or care, will find this course useful.

Course Costs: \$10

Assessment

Internal; 18 credits

Leads to

Early Childhood Education at tertiary level.

Classical Studies

Classical Studies (Level 2)

Prerequisites

12 credits Level 1 English or History or HOD approval.

Description

A study of the classical civilizations of Ancient Greece and Rome focusing on: social customs, literature, art/architecture and history of the period.

- Myths and Legends
- Homer's Odyssey
- The lost city of Pompeii
- The social life and times of Athenian and Roman people.

Activities include:

- Trip to a Greek restaurant
- Mask making
- Model making.

Assessment

Internal : 13 credits
External : 15 credits

Leads to

Level 3 Classical Studies/History

Classical Studies (Level 3)

Prerequisites

12 credits Level 2 Classical Studies or History or Geography or HOD approval.

Description

A study of the classical civilizations of Ancient Greece and Rome, at least four of the following topics will be studied:

- Alexander the Great – King and Conqueror
- Roman Art & Architecture – Colosseum, Theatres and Mosaics
- Greek Vase Painting – techniques and decoration
- Virgil's Aeneid – Rome's mythical founding
- Socrates – his trial and execution.

They cover both Ancient Greece and Ancient Rome and a range of disciplines – History, Art History, Literature and Philosophy.

Assessment

Internal : 6 credits
External : 18 credits

Leads to

University Classical Studies, Sociology, Political Science

Computer & Information Science

Computer & Information Science (Level 1) (*Information Management for NCEA*)

Prerequisites

None

Description

Achievement and Unit Standard course covering concepts in the following areas:

- File Management
- Manipulation of text and data using a range of applications ie Word, Excel, Publisher
- Develop and use keyboarding skills
- Webpage design using a template
- Apply design principles to produce documents
- Apply a decision-making model to produce a solution from a given brief
- Access and process information from different media
- Communication information from given materials and by direct composition
- Desk-top publishing
- Spreadsheets

Assessment

24 Achievement Standard Credits (12 externally assessed) and Unit Standard Credits towards NCEA Level 1

Leads to

12CISA – Computer and Information Science Applications Level 2; or
12CISP – Computer and Information Science Programming, Multimedia and Hardware

Computer & Information Science Applications (12CISA) Level 2

Prerequisites

Level 1 Computer and Information Science
(*Information Management*)

Description

Unit Standard based course covering concepts in the following areas:

- File management
- Word processing
- Produce text processed communications
- Spreadsheets
- Databases
- Integration of word processor, database and spreadsheets
- Ergonomics
- Presentation application

Assessment

Credits (5 optional) towards NCEA Level 2, some credits towards National Certificate in Business Administration and National Certificate in Computing Level 2.

Leads to

Level 3 Computer and Information Science Applications (13CISA)

Computer & Information Science

Computer & Information Science Applications (13CISA) Level 3

Prerequisites

Level 2 Computer and Information Science Applications (12CISA)

Description

Unit Standard based course covering concepts in the following areas:

- Advanced word processing
- Producing business documents
- Advanced spreadsheets
- Databases
- Desk-top publishing using professional tools

Assessment

100% internally assessed. Credits towards NCEA Level 3 and National Certificate in Business Administration and Computing.

Leads to

Study at tertiary level or employment

Programming, Multimedia and Hardware (12CISP) Level 2

Prerequisites

Level 1 Computer and Information Science (Information Management)

Description

Unit Standard based course covering concepts in the following areas:

- Hardware
- Networks
- Programming
- Game making
- Movie making and editing
- Web page design using XHTML
- Image creation

Assessment

100% internally assessed. At least 24 credits towards NCEA Level 2

Leads to

Computer and Information Science Programming, Multimedia and Hardware (13CISP) Level 3.

Computer & Information Science Application Skills (12/13CISA) Level 2/3

Prerequisites

Open Entry – a course aimed at senior students who have not studied much Computing in the past)

Description

Unit Standard based course covering concepts in the following areas:

- File management
- Word processing
- Spreadsheets
- Databases
- Presentation application
- Desk-top publishing
- Webpage
- and other ICT skills and concepts according to ability

Assessment

Unit and Achievement Standards towards NCEA

Leads to

Computer and Information Science Applications Level 3 or Computer and Information Science Programming, Multimedia and Hardware Level 2/3 (HOD discretion)

Programming, Multimedia and Hardware (13CISP) Level 3

Prerequisites

Level 2 Computer and Information Science Programming, Multimedia and Hardware (12CISP)

Description

Unit Standard based course covering concepts in the following areas:

- Computer systems
- Operating systems
- Computer networks
- Programming
- Digital image manipulation
- Webpage design using XHTML and CSS
- Content management systems for web design
- Flash animation and Actionscript

Assessment

100% internally assessed. Credits towards NCEA Level 3

Leads to

Tertiary Education or Employment

Dance

Dance (Level 1)

Prerequisites

Dance experience outside of school or Teacher approval.

Description

This course is open to Years 11, 12 or 13 students. A component of the course may require rehearsal outside of class time. Participation in Dance shows is expected.

Course Costs: Performance visits

Assessment

Possible 24 credits

Leads to

Level 2 Dance

Dance (Level 2)

Prerequisites

12 credits in Dance at Level 1, Dance Studies outside of school or Teacher approval.

Description

This course is open to Year 12 and 13 students. A component of the course may require rehearsal outside of class time. Participation in Dance shows is expected.

Course Costs: Performance visits

Assessment

Possible 24 credits

Leads to

Level 3 Dance

Dance (Level 3)

Prerequisites

12 credits in Dance at Level 2, Dance Studies outside of school or Teacher approval.

Description

This course is open to Year 13 students. A component of the course may require rehearsal outside of class time. Participation in Dance shows is expected.

Course Costs: Performance visits

Assessment

Possible 24 credits

Leads to

Tertiary study

Design for Living Foods

Design for Living Foods (Level 1)

Prerequisites

None. An interest in food and food preparation is essential however.

Description

This course is for students wanting to continue working with food to improve their practical skills.

Topics covered include:

- safety & hygiene in the kitchen
- planning and preparing healthy meals
- entertaining/eating out and basic hospitality skills.

The emphasis is on skills for independent living.

Course Costs: \$40

Assessment

Internal: 14 credits (Unit Standards)

Leads to

Design for Living Foods Level 2, Level 1 Home Economics.

Design for Living Foods (Level 2)

Prerequisites

None. An interest in food and food preparation is essential however.

Description

This course is for students wanting to continue working with food to improve their practical skills.

Topics covered include:

- hygiene & safety in food preparation
- meat cookery
- egg and cheese cookery and cooking with vegetables.

Course Costs: \$40

Assessment

12 credits at Level 1.
All assessment is internal.

Leads to

Level 1 Home Economics, Level 2 Hospitality

Drama

Drama Level 1

Prerequisites

Year 10 Drama or HOD approval.

Description

The focus for Drama at Level 1 is on developing basic dramatic techniques and confidence in performance.

Students will explore scripted, devised and improvised dramatic situations and will have the opportunity to perform both in and out of school. Students will be introduced to the work of some significant theatrical theorists. Students will attend live theatre and may have the opportunity to take part in workshops. All assessments involved written portfolio work.

Assessment

Practical: 70%
Written: 30%
Possible: 22 credits

Leads to

Level 2 Drama

Drama Level 2

Prerequisites

8 credits Level 1 Drama or HOD approval.

Description

The focus for Drama at Level 2 is on extending the knowledge and skills developed at Level 1 and working in more depth on scripted, devised and dramatic form. Students will examine the work of significant drama theorists and practitioners. Students will be encouraged to perform both in and out of school and may have the opportunity to take part in workshops. Students will attend live theatre productions with a view to developing written reflection skills. All assessments involve detailed written portfolio work. Contribution to school Drama productions is expected.

Assessment

Practical: 70%
Written: 30%
Possible: 22 credits

Leads to

Level 3 Drama

Drama Level 3

Prerequisites

8 credits Level 2 Drama or HOD approval.

Description

The focus for Drama at Level 3 is on allowing students to extend their performance skills and create their own work, applying the skills and techniques they developed in Levels 1 and 2. Students will examine the work of significant drama theorists and practitioners. Students will have more public performance opportunities and will be offered the chance to work with different tutors in workshop situations. Portfolio work is extended to include detailed research. Leadership roles are encouraged.

Assessment

Practical: 70%
Written: 30%
Possible: 20 credits

Leads to

Tertiary study

Economics

Economics (Level 1)

Prerequisites

HOD approval

Description

This course explores where money comes from and how it moves between consumers and businesses. This includes some insights into marketing principles and consumer behaviour.

In addition to Economics Achievement Standards, this course includes an introduction to Psychology.

Assessment

Internal: 19 credits

External: 12 credits

Leads to

Level 2 Economics

Economics (Level 2)

Prerequisites

Sound English and Mathematics skills.

Description

Students will gain Economic explanations of important issues such as why only some people are rich and how international trade affects us. This course is a must for anyone considering a future in business leadership, journalism, politics, and environmental management or if you just want to understand how the economy works.

Assessment

Internal: 15 credits

External: 18 credits

Leads to

Level 3 Economics

Economics (Level 3)

Prerequisites

Sound English and Mathematics skills.

Description

Why do people want money? How do they get it? This course aims to offer some suggestions. The focus is on how incentives are manipulated in the management of business, government and the environment. While based on Economics, the course includes an introduction to Psychology. No previous study of Economics is necessary.

Assessment

Internal: Up to 20 credits

External: 15 credits

Electronics

National Certificate in Electronics

Electronics NCET Level 2

Prerequisites

12 Credits in Level 1 Science (Must include Achievement Standard 1.5)

12 Credits in Level 1 Maths or HOD approval

Description

Students study:

- Basic circuit concepts
- Electronic components
- Electronic systems
- Printed circuit construction
- Electronic product construction.

The course is suited to those students wanting to progress, or have an interest in Science and Mathematics. It is a mixture of theory and practical aspects of electronics.

Costs

Course costs are minimal. Students only pay for final project which they keep.

Assessment

5 compulsory core Unit Standards leading to 24 NCET credits which can be included in NCEA if studied with 16 NCEA credits from either Computing, Chemistry, Physics, Science, Statistics or Probability.

Leads to separate National Certificate in Electronics Technology qualification.

Leads to

Engineering degrees

Technician qualifications

Electrical and/or electronics apprenticeships

English

English (Level 1)

Prerequisites

Year 10 English or HOD approval.

Description

Level 1 English builds on the skills learned in Junior English programmes. The course covers reading skills, response to texts, creative and formal writing, speech delivery and media presentation

Assessment

Internal: 16 credits

External: Up to 12 credits

Leads to

Level 2 English

English (Level 2)

Prerequisites

15 credits in English Level 1, including creative or formal writing or HOD approval.

Description

Level 2 English builds on the skills learned in previous English programmes. The course covers reading skills, response to texts, creative and formal writing, oral presentations and research.

Assessment

Internal: 16 credits

External: 12 credits

Literacy needs will be assessed in Term 1 based on individual needs.

Leads to

Level 3 English

English (Level 3)

Prerequisites

15 credits in English Level 2, including 4 credits in reading standards and 4 credits in writing standards or HOD approval

Description

Level 3 English builds on the skills learned in previous English programmes. The course covers reading skills, response to texts, creative writing, oral presentations and research.

Assessment

Internal: 15-16 credits

External: 4-12 credits

Literacy needs will be assessed in Term 1, based on individual needs.

Leads to

Requirements for tertiary study.

English Skills

English Skills (Level 1)

Prerequisites

HOD approval.

Description

Level 1 English Skills builds on the skills learned in Junior English programmes. The course covers a blend of Unit and Achievement Standards which focus around reading skills, response to texts, creative writing, speech delivery, listening and some practical application of these skills.

Assessment

Internal: 21 credits

External: 5 credits

Leads to

Level 2 English Skills or Level 2 English

Independent English Skills (I.E.S.)

Prerequisites

HOD approval and a willingness to work independently or in a small group.

Description

The course is designed by the Year 12 and 13 students and the English teacher after consideration of the literacy credits they need to attain. Once these have been completed, the student chooses from a range of standards which will increase their English language and/or literacy competency.

Assessment

100% Internal, chosen as above.

Leads to

Requirements for tertiary study or employment.

English Skills (Level 2)

Prerequisites

English Level 1 credits, including writing and reading credits or HOD approval.

Description

Level 2 English Skills builds on the skills learned in previous English programmes. The course covers a blend of Unit and Achievement Standards which focus around reading skills, response to texts, creative writing, oral presentations, listening, research and some practical applications of these skills.

Assessment

Internal: 24 credits

External: 5 credits

Literacy needs will be addressed in Term 1, based on individual needs.

Leads to

Level 3 English

Core English Skills (CES)

Prerequisites

HOD directed

Description

This is a two year Level 1 English Course concentrating on Literacy. It has been designed for those with limited success in the Junior school.

Assessment

100% Internal, chosen by HOD

Leads to

Level 2 English Skills

ESOL

ESOL (Beginner)

Prerequisites

Test on entry if new to New Zealand; ESOL or English Achievement Standards or an International recognized examination.

Description

All these classes learn about and practice the structure of English.

This course consists of preparation for ESOL Unit Standards in Listening, Speaking, Reading and Writing.

Assessment

100% Internal

ESOL (Elementary)

Prerequisites

Test on entry if new to New Zealand; ESOL or English Achievement Standards or an International recognised examination.

Description

All these classes learn about and practice the structure of English.

This course consists of ESOL Level 2 Unit Standards in Listening, Speaking, Reading and Writing.

Assessment

100% Internal

ESOL (Intermediate)

Prerequisites

Test on entry if new to New Zealand; ESOL or English Achievement Standards or an International recognized examination.

Description

All these classes learn about and practice the structure of English.

This course consists of ESOL and English Unit Standards and Achievement Standards in Listening, Speaking, Reading and Writing.

Assessment

Internal only assessments.

<h2>Geography</h2>	
<p>Geography (Level 1)</p> <p>Prerequisites Students will have completed a course in Social Studies in the junior school.</p> <p>Description This course includes research, contemporary geographic issues and Global Studies which are internally assessed. Externally assessed topics are Extreme Natural Events, Population of New Zealand and Monsoon Asia, Coal mining and Canterbury farming (includes farm-flight field trip), and Geography Skills & Ideas.</p> <p>Assessment Internal: 11 credits External: 13 credits</p> <p>Leads to Geography Level 2</p>	<p>Geography (Level 3)</p> <p>Prerequisites Entrance is at the discretion of the HOD</p> <p>Description This course includes advanced research and valuing skills, global studies and planning and decision-making skills which are internally assessed. Externally assessed topics are Coastal Processes (includes 3 day Wainui field camp) Tourism Processes (New Zealand and Spain) and advanced Geographic Skills & Ideas.</p> <p>Assessment Internal: 15 credits External: 12 credits</p>
<p>Geography (Level 2)</p> <p>Prerequisites Entrance is at the discretion of the HOD.</p> <p>Description This course includes further development of research, valuing skills & issues and Global Studies which are internally assessed. Externally assessed topics are Glaciated Landscapes (includes Cave Stream field trip) and Amazonia, Urban Landscapes of Christchurch and London, Development in Brazil and the USA, and Geography Skills & Ideas.</p> <p>Assessment Internal: 11 credits External: 13 credits</p> <p>Leads to Geography Level 3</p>	

Graphics

Graphics (Level 1, Year 11)

Prerequisites

Year 9 or 10 Graphics or HOD approval.

Description

Skills will be developed in the Design process, Drawing skills and knowledge, Presentation of Portfolio work. Students will work through briefs that will cover Architectural design, Technology design and Media design.

Assessment

Internal : 12 credits

External : 12 credits

Leads to

Graphics Level 2

Graphics (Level 2, Year 12)

Prerequisites

Year 10 or 11 with a minimum of 12 credits in Graphics Level 1 or HOD approval.

Description

The course continues on from Graphics Level 1 extending students to complete work in more depth and to a higher standard. Students will work through briefs that will cover Architectural design, Technology design and Media design.

Assessment

Internal : 12 credits

External : 12 credits

Leads to

Graphics Level 3

<h2>History</h2>	
<p>History (Level 1)</p> <p>Prerequisites It is important that students have a good grasp of basic reading and writing skills.</p> <p>Description Discover the 20th century via topics like ‘Black Civil Rights’ in the USA (the black American experience) and the ‘Origins of World War II’ (Hitler, the Nazis and global meltdown). A Field trip to local historical sites by bus and boat.</p> <p>Assessment Internal: 8 credits External: 12 credits.</p> <p>Leads to: History Level 2</p>	<p>History (Level 3)</p> <p>Prerequisites Entrance via a reasonable level of attainment at Level 2 or by discretion of HOD Social Sciences.</p> <p>Description Discover a key period history; either ‘Nineteenth Century New Zealand’ (God, grog and the lash to colonial life, prohibition and votes for all) or ‘England 1558 – 1603’ (Queen Elizabeth to the beheading of Charles and the return of the king). Field trip to local sites or Kaikoura.</p> <p>Assessment Internal: 9 credits External: 12 credits</p> <p>Leads to University History, Sociology, Political Science</p>
<p>History (Level 2)</p> <p>Prerequisites 12 Credits Level 1 English or History or by discretion of HOD Social Sciences.</p> <p>Description Discover the major forces that have shaped the modern world including war (Vietnam and World War I), popular culture (the hippy 1960’s, History and the Movies) and persecution (freedom fighters). Field trip to Akaroa for local area study.</p> <p>Assessment Internal: 12 credits External: 12 credits</p> <p>Leads to: History Level 3</p>	

Home Economics	Hospitality and Catering
<p>Home Economics (Level 1) Prerequisites Year 10 Home Economics or HOD approval.</p> <p>Description This course combines practical and written assessment and focuses on Food and Nutrition for adolescents.</p> <p>Course Costs: \$35</p> <p>Assessment Internal: 16 credits External: 5 credits</p> <p>Leads to Level 2 and 3 Home Economics and Hospitality Level 2 and 3.</p>	<p>Hospitality and Catering (Level 2) Prerequisites English Achievement Standard 90060, 16 Level 1 Home Economics credits or HOD approval.</p> <p>Description This course is designed around Hospitality Industry Unit Standards and includes cookery and food and beverage service in the Hospitality Industry.</p> <p>Course Costs: \$45</p> <p>Assessment Internal: 21 credits</p> <p>Leads to Level 3 Hospitality and Catering, Careers in Hospitality Industries.</p>
<p>Home Economics (Level 2) Prerequisites 12 credits in Level 1 Home Economics or HOD approval.</p> <p>Description This course combines practical and written assessment and focuses on food and nutrition. The emphasis is on healthy eating for individuals, meal planning and food preparation.</p> <p>Course Costs: \$35</p> <p>Assessment Internal: 22 credits (Unit Standards) External: 4 credits (Optional Achievement Standard)</p> <p>Leads to Level 3 Home Economics, Hospitality</p>	<p>Hospitality and Catering (Level 3) Prerequisites Level 2 Certificate of Achievement in Food and Beverage and Level 2 Certificate of Achievement in Cookery or HOD approval.</p> <p>Description This course focuses on cookery Unit Standards and food and beverage service skills in the Hospitality Industry. It includes wine service and coffee.</p> <p>Course Costs: \$45</p> <p>Assessment Internal: 21 credits</p> <p>Leads to Work in the Hospitality Industry in either the food preparation or food and beverage service areas. Further training at tertiary institutions.</p>
<p>Home Economics (Level 3) Prerequisites 12 credits in Level 2 Home Economics or HOD approval.</p> <p>Description This course combines practical and written assessment and focuses on food and nutrition. The emphasis is on individual food needs, healthy eating and meal planning.</p> <p>Course Costs: \$35</p> <p>Assessment Internal: 19 Credits (Unit Standards)</p> <p>Leads to A university course in nutrition, dietetics, food technology or work with the food industry.</p>	

Japanese

Japanese (Level 1)

Prerequisites

Year 9 and 10 Japanese or HOD approval.

Description

A language course for those who wish to build on their communication skills in Japanese and knowledge of Japanese cultures.

Assessment

Internal: 9 credits
External: 15 credits

Leads to

Japanese Level 2

Japanese (Level 2)

Prerequisites

12 credits in Level 1 Japanese or HOD approval.

Description

Students will extend their studies in greater depth and improve their ability in reading, writing, listening and speaking Japanese. By the end of the year, students will have the language to communicate in Japanese on a range of topics.

Assessment

Internal: 6 credits
External: 15 credits

Leads to

Japanese Level 3

Japanese (Level 3)

Prerequisites

12 credits in Level 2 Japanese or HOD approval.

Description

This course builds on the skills learned in earlier years. By the end of the course, students will have covered basic Japanese grammar, and, as such, when used with confidence, students have a marketable skill. With this as a basis, students can easily move on to further studies in Japanese at either University or Polytechnic.

Assessment

Internal: 6 credits
External: 15 credits

Leads to

Tertiary study

Mathematics

Mathematics (Level 1)

Prerequisites

Students will be placed in Year 11 Mathematics classes by the HOD, based on performance in Year 10.

Description

The courses build on the mathematical strands: Number, Algebra & Graphs, Geometry & Trigonometry, Measurement, Statistics & Probability.

Extra Costs: Workbook
Mathematics Pre Calculus – approx. \$23
Mathematics Pre Statistics – approx. \$20
Scientific Calculator: \$15

Assessment

Mathematics Pre Calculus: Achievement and Unit Standards (internally and externally assessed)
Mathematics Pre Statistics: Achievement and Unit Standards (mainly internally assessed)
Mathematics Applied: Unit Standards (internally assessed)

Aim: NCEA Level 1

Leads to

Year 12 Mathematics with Calculus (Level 2)
Year 12 Mathematics with Statistics (Levels 1/ 2)
Year 12 Mathematics Applied (Level 1)

Mathematics with Statistics Year 12 (Level 1/2)

Prerequisites

If students choose to take Mathematics, they will be placed in Year 12 classes by the HOD, based on performance in Year 11. Students will be expected to have achieved at least 18 credits in NCEA Mathematics at Level 1 **or** received HOD approval.

Description

This course is intended for students who wish to continue with Mathematics but who would struggle with full Level 2. It provides an alternative route to Level 3 Mathematics, Statistics & Modelling for those students who did not have the pre-requisites for Level 2 Mathematics this year.

Extra costs: Workbook – approx. \$23
Scientific calculator - \$15 or
Optional: – graphics calculator – approx. \$80

Assessment

20+ Credits at Level 1 and 2 from Unit Standards (internally assessed)

Aim: NCEA Level 2
NCEA in Mathematics Level 1

Leads to

Statistics and Modeling (Level 3)
Mathematics with Calculus (Level 2)

Mathematics Applied Year 12 (Level 1)

Prerequisites

If students choose to take Mathematics, they will be placed in Year 12 classes by the HOD, based on performance in Year 11. Students will be expected to have achieved at least 14 credits in NCEA Mathematics at Level 1 or received HOD approval.

Description

This course is intended for students who wish to continue with Mathematics but who would struggle with Level 2. They will work towards an NCEA Certificate in Mathematics, Level 1.

Extra Costs:
Scientific Calculator - \$15

Assessment

Any available Level 1 Unit Standard (internally assessed)

Aim: NCEA in Mathematics Level 1. This is a different qualification from NCEA Level 1.

Leads to: Year 12 Mathematics with Statistics (Levels 1/2)

Mathematics with Calculus Year 12 (Level 2)

Prerequisites

If students choose to take Mathematics, they will be placed in Year 12 classes by the HOD, based on performance in Year 11. Students will be expected to have achieved at least 20 credits in NCEA Mathematics at Level 1 including the Achievement Standards in Algebra and Graphs **or** received HOD approval.

Description

This course develops and extends skills in Algebra, Geometry, Trigonometry, Statistics and Probability and introduces Calculus. This course is necessary for any student wishing to study Calculus in Year 13 and is the preferred course leading to Statistics & Modeling.

Extra costs: Workbook, approx \$23
Graphics calculator: approx \$80

Assessment

20+ credits at Level 2. A mixture of internally and externally assessed Achievement and Unit Standards.

Aim: NCEA Level 2

Leads to

Mathematics with Calculus (Level 3)
Statistics and Modeling (Level 3)

Mathematics

Mathematics (Statistics & Modeling) (Level 3)

Prerequisites

Entrance is at the discretion of HOD Mathematics. Students will be expected to have achieved 12 credits in NCEA Mathematics at Level 2 including the Achievement Standards in Statistics and Probability or equivalent Unit Standards and basic algebra.

Description

This course centres around the further development of Statistics, and also includes Algebra, Computational Mathematics and Probability and Modeling. This course is a prerequisite for many university subjects. Check which Level 3 Mathematics course you will need.

Extra costs: Workbook, approx \$23
Graphics calculator, approx \$80

Assessment

22 credits at Level 3, both Achievement and Unit Standards (internally and externally assessed)

Aim: NCEA Level 3

Leads to

Tertiary study in many areas.

Mathematics with Calculus (Level 3)

Prerequisites

Entrance is at the discretion of HOD Mathematics. Students will be expected to have achieved 18 credits in NCEA Mathematics at Level 2 including the Achievement Standards in Algebra, Graphs and Calculus or equivalent Unit Standards.

Description

This course extends and develops earlier work on Calculus, Algebra, Trigonometry and Geometry. This course is a prerequisite for many university subjects. Check which Level 3 Mathematics course you will need.

Extra costs: Workbook, approx. \$23
Graphics calculator, approx. \$80

Assessment

24 credits at Level 3, both Achievement and Unit Standards (internally and externally assessed)

Aim: NCEA Level 3

Leads to

Tertiary study in many areas.

Music – Toi Puoro

Music (Level 1)

Prerequisites

Year 10 Music or HOD approval. All students should have had instrumental and/or vocal tuition for at least two years previously and must continue having instrumental or vocal tuition throughout the year.

Description

This course covers:

- Performance (group and solo work)
- Composition
- Aural Skills
- Musical Knowledge

It is possible to undertake a mixture of Unit and Achievement Standards.

Assessment

Internal: Up to 24 credits

Leads to

Music Level 2

Music (Level 2)

Prerequisites

Students intending to undertake this course should have 12 credits in either AS90012, AS90013 or AS90014 or HOD approval. All students must continue having instrumental or vocal tuition throughout the year.

Description

This course includes:

- Performance
- Composition
- Instrumentation
- Musical Knowledge

Assessment

Internal: Up to 20 credits

Leads to

Music Level 3

Music (Level 3)

Prerequisites

14 credits of Level 2 Music (AS 90264, 90265, 90266, 90267) or HOD approval. All students must continue having instrumental or vocal tuition throughout the year.

Description

This course includes:

- Performance
- Composition
- Study of various musical works and research on a topic

Assessment

Practical Music: Internal: 24 credits

Leads to

Tertiary study

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Photography

Photography (Level 2)

Prerequisites

Some awareness/experience of Art/Design.
12 credits in Level 1 Art or teacher approval.

Description

This course teaches camera and darkroom skills. It also includes the study of composition and the work of traditional and contemporary photographers plus a comprehensive course in Digital Photography using IMac computers and Photoshop.

Assessment

Internal : 18 credits
External : 14 credits
Course Cost: Approximately \$130 - \$230 for film, paper and chemicals depending on individual usage.

Leads to

Year 13 Photography, photographic sales assistant, photographic processor

Photography (Level 3)

Prerequisites

Level 2 Photography or teacher approval if Level 2 has not been completed.

Description

A cohesive body of work is developed, influenced by the study of various artist models. Both Darkroom practice and Digital Photography is studied.

Assessment

Internal: 10 credits
External : 14 credits
Course Cost: Approximately \$180 - \$280 for film, paper and chemicals depending on individual usage

Leads to

University/Polytechnic
Photography courses
Fine Arts – Certificate, Diploma, Degree

Photography students require an SLR camera with a manual shutter speed and aperture controls which cost about \$400 brand new, \$150 second hand. A tripod may be purchased or borrowed from the Art Department, and cameras can also be borrowed on a first in, first served basis. A bond is required.

Physical Education & Health

Physical Education (Level 1 NCEA)

Prerequisites

Year 9 and 10 Physical Education and Health and HOD discretion.

Description

Students will:

- Participate in a variety of sports and determine the benefits and describe how this influences wellbeing.
- Demonstrate knowledge of body structure and function related to performance of physical activity.
- Demonstrate interpersonal skills and describe their effects on the functioning of a group or team.
- Explore how the body is portrayed in physical activity.
- Examine and demonstrate the quality of movement in the performance of a physical activity.
- Participate in physical activities and describe how this influences hauora/wellbeing.

Assessment

Internal: 22 credits 100% internal

Leads to:

Level 2 Physical Education

Physical Education (Level 3 NCEA)

Prerequisites

Entrance is at the discretion of HOD Physical Education. It is an advantage to have completed Level 2 Physical Education.

Description

Students will:

- Apply knowledge to plan a physical activity programme or experience.
- Explain the effectiveness of a physical activity and its influence on hauora
- Appraise performance and review a programme for performance improvement for self or others.
- Perform a physical activity to nationally developed performance standards.

Assessment

Internal: 19 credits 100% internal

Physical Education (Level 2 NCEA)

Prerequisites

Entrance is at the discretion of HOD Physical Education. It is an advantage to have completed Level 1 Physical Education

Description

Students will:

- Describe how functional anatomy and biomechanics relates to performing physical activity.
- Examine and demonstrate principles and methods of training by participating in physical activity.
- Examine the principles and methods of training in relation to participation in physical activity.
- Examine skill-learning principles and psychological skills in relation to physical activity.
- Demonstrate performance in a physical activity in an applied setting.

Assessment

Internal: 19 credits 100% internal

Leads to:

Level 3 Physical Education

Physical Education & Health

**Health & Physical Education
(Level 1 – Unit Standards)****Prerequisites**

Year 9 and 10 Physical Education and Health and HOD discretion.

Description: Students will:

- Participate in a variety of sports and analyse the benefits that can be gained through these experiences.
- Study anatomy and biomechanics involved in sports actions.
- Develop their leadership strategies within a team environment.
- Examine concepts, influences and choices for achieving wellbeing
- Describe sexually transmitted infections and strategies to reduce risk

Assessment

Internal: 15-21 credits (flexible) 100% internal

Leads to:

Level 1 NCEA and/or Level 2 Physical Education

**Health & Physical Education (Level 2)
Achievement in Sports Leadership****Prerequisites**

Entrance is at the discretion of HOD Physical Education. It is an advantage to have completed Level 1 Physical Education NCEA or Sports Studies.

Description: Students will:

- Apply Sports Rules and Regulations in a Competitive Sports Situation.

Identify information on which to base decisions while officiating in a competitive situation; interpret and apply sport rules and regulations when making decisions; and communicate and manage the outcomes of their decisions.

- Demonstrate Knowledge of Injury Prevention and Management in Sport or Recreation.

Describe factors involved in the cause of injuries that may be incurred while participating in sport or physical recreation and methods for their prevention. Methods for managing hazards and risks related to a selected sport or physical recreation and injury management for a selected sport or physical recreation must also be identified.

- Teach to Develop a Fundamental Skill of a Selected Sport.

Describe a fundamental skill of a selected sport and identify the key phases of this skill in order to be able to teach it in a practical session. Identification of athletes' ability to learn and perform a new skill will take place before the practical session is reviewed based on the athletes' feedback and student observation.

- Conduct and Review a Beginner Level Coaching Session.

Prepare themselves, materials and equipment for a coaching session; conduct the session according to the session plan and review the session against the plan.

- Plan a Beginner Level Coaching Session for Sport Participants

Explain and prioritise the objectives of a beginner level coaching session; select session activities to achieve session objectives; and plan equipment, safety and coaching requirements of each activity for a beginner sport session

- Develop Sport Fitness

understanding of the different aspects of fitness and relate them to a specific sport. Students are expected to plan and implement a fitness programme to improve level of fitness for a specific sport and have an understanding of the issues surrounding developing sport fitness.

Assessment

Internal: 25 credits 100% internal

Leads to:

Level 2 Physical Education

Physical Education & Health

Health Education (Level 1)

Prerequisites

Entrance is at the discretion of HOD Physical Education. It is an advantage to have completed Level 1 English and Physical Education.

Description

Students will:

- Describe and apply concepts of and strategies for achieving wellbeing
- Describe influences on adolescent eating patterns and promote healthier food choices
- Describe changing states of health and strategies for managing these changes
- Understand skills required to enhance relationships and apply a problem-solving model
- Understand sexuality and describe strategies for enhancing sexual well-being

Assessment

Internal: 10 Credits internal and 8 external

Leads to:

Level 2 Health Education

Health Education (Level 2)

Prerequisites

Entrance is at the discretion of HOD Physical Education. It is an advantage to have completed Level 1 English and Physical Education.

Description

Students will:

- examine the health promotion process, Identifying a health promotion initiative at Hillmorton High School.
- identify and explain factors that may influence issues of gender identity and sexuality, and includes their consequence on relationships and social justice.
- describing influencing factors, and possible consequences of an adolescent health issue on Hauora/well-being, and description of appropriate strategies for maintaining Hauora/well-being.
- describe an issue relating to personal safety and identifying possible consequences on Hauora/well-being, and constructive responses to potentially unsafe situations.

Assessment

Internal: 10 Credits internal and 9 external

Leads to:

Level 3 Health Education

Health Education (Level 3)

Prerequisites

Entrance is at the discretion of HOD Physical Education. It is an advantage to have completed Level 2 English and Physical Education.

Description

Students will:

- examine the health promotion process, Identifying a health promotion initiative at Hillmorton High School. (HEALTH PROMOTION)
- Media Portrayal of Sexuality, Explain the factors contributing to "the impact of exposure to media containing sexual images and messages, on the well-being of 16-19 year olds". (SEXUALITY AND GENDER)
- describe an issue relating to personal safety and identifying (PERSONAL SAFETY)
- describing influencing factors, and possible consequences of an adolescent health issue on Hauora/well-being, and description of appropriate strategies for maintaining Hauora/well-being. (AN ADOLESCENT HEALTH ISSUE)

Assessment

Internal: 10 Credits internal and 9 external

Physical Education & Health (Outdoor Education)

Outdoor Education (Level 2)

Prerequisites

Entrance is at the discretion of the HOD of Health/Physical Education. It is an advantage to have completed Level 1 P.E and Level 1 English. A good level of physical fitness is also required for this course.

Description:

- ABL/Team Initiative Activities/High Ropes - Trip to High Ropes course
- Rock climbing—theory/safety/ gear use. Indoor climbing at The Den, Roxx, YMCA etc plus outdoor trip to Rapaki Crag.
- Tramping—Short bush walks on Port hills practising navigation skills in preparation for 3 day tramping trip in Arthurs Pass.
- Mountain biking— short trips in and around ChCh—Bottle Lake Forest Park, MacLeans Island and Port Hills.
- Kayaking—Practical pool sessions, Groynes Lake session. 3 day camp to Hurunui.

Assessment

Internal: Up to 25 credits

Costs:

Approximately \$200-\$300

Leads to:

Courses at Polytech.

Career in Outdoor Education.

Level 2 Outdoor Education involves a large amount of time in the outdoors where students are subjected to a wide variety of weather conditions. It is preferable that students taking this course have access to appropriate outdoor wear such as waterproof raincoat and over trousers, gloves, tramping boots, thermal underwear, sleeping bag, tramping pack and tent.

Physics

Physics (Level 2)

Prerequisites

18 Credits in Level 1 Science (MUST include Achievement Standard 1.5)
18 Credits in Level 1 Maths or HOD approval.

Description

Students are introduced to the following topics:

- Mechanics, including Forces and Motion
- Light and Waves
- Atomic Physics
- Electricity

Students will also learn how to collect, analyse and interpret data collected in investigations.

Costs (approx)

Workbook: \$30 Field Trip: \$10

Assessment

Internal : 7 credits

External : 17 credits

Leads to

Level 3 Physics

Physics (Level 3)

Prerequisites

15 credits in Level 2 Physics or HOD approval.

Description

Students build on their Level 2 knowledge and skills. Topics covered in this year are:

- Mechanics, including rotational dynamics and simple harmonic motion
- Waves, including Doppler effect and interference
- Electricity, including Kirchhoffs Laws, Transformers and AC Theory
- Atomic Physics
- $E = mc^2$
- Nuclear Fission
- Wave/Particle duality

Costs (approx):

Workbook: \$30 Field Trip: \$10

Assessment

Internal : 5 credits

External : 19 credits

Leads to

Tertiary study – Physics & Medical. Physics & Engineering.

Science

Science (Level 1)

Prerequisites

Satisfactory achievement at Year 10 Science or HOD approval.

Description

The course covers:

- Planning Investigations
- Gathering Information
- Processing and Interpreting Data
- Communication of Data
- Knowledge of topics including Chemistry, Physics and Biology.

Course Costs: Write-on Manual \$20.00

Assessment

Internal: 12 credits minimum

External: 10 credits minimum

Leads to

Level 2 courses in Biology, Chemistry, Physics and Electronics.

Science (Level 1 Applied Science)

Prerequisites

Year 10 Science or HOD approval

Description

The course is designed to meet the needs of students who would find a full Level 1 course an unreasonable goal. The course will include a mixture of Unit and Achievement Standards.

Assessment

Internal : approximately 15 credits

Leads to

Level 2 courses in Biology, Electronics and Chemistry depending on the credits gained. Entry to Level 2 Physics may be approved, depending on Mathematics results at Level 1.

Science (Level 1 Practical Science)

Prerequisites

Year 10 Science

Description

This is a one year course offered to students who would have difficulty with the Level 1 Science or Applied Science courses. Eight units of work are covered over the year: two units each of Biology, Chemistry, Physics and Planet Earth and Beyond.

This course does not lead on to Level 2 courses in Science.

Assessment

100% Internal: up to 16 credits towards the NZASE Certificate in Science

Leads to

Level 1 Science

Social Studies

Social Studies (Level 1)

Prerequisites

Students will have completed a course in Social Studies in the junior school and have a good level of basic reading and writing skills.

Description

This course will be based primarily around student areas of interest, and /or include a range of topics of relevance today:

- the media
- consumerism and marketing
- teen culture
- technology and communication
- environmental, local and NZ issues.

The course will use inquiry learning, values exploration and social decision making as well as field trips.

Assessment

Internal: 14 credits

External: 10 credits plus possible addition of History and Geography skills based Achievement Standards.

Leads to

History Level 2, Geography Level 2, Economics Level 2, Classical Studies Level 2.

Spanish

Spanish (Level 1)

Prerequisites

Year 9 and 10 Spanish or HOD approval

Description

A language course for those who wish to build on their communication skills in Spanish and knowledge of Spanish and Latin American cultures.

Assessment

Internal: 9 credits
External: 15 credits

Leads to: Spanish Level 2

Spanish (Level 2)

Prerequisites

12 credits in Level 1 Spanish or HOD approval.

Description

Students will extend their studies in greater depth and improve their ability in reading, writing, listening and speaking. By the end of the year, students will have the language to communicate in Spanish on a range of topics.

Assessment

Internal: 6 credits
External: 15 credits

Leads to: Spanish Level 3

Spanish (Level 3)

Prerequisites

12 credits in Level 2 Spanish or HOD approval.

Description

This course builds on the skills learned in earlier years. By the end of the course, students will have covered enough Spanish to hold a conversation with a native speaker as well as being able to read a newspaper. Students can easily move on to further studies in Spanish at University.

Assessment

Internal: 6 credits
External: 15 credits

Leads to: University Spanish

Technology (Soft Materials)

Technology (Soft Materials) Level 1**Prerequisites**

An interest in fashion and design or HOD approval.

Description

Design and produce high quality textile-based items and build knowledge of fashion and design.

Course Costs: \$20

Assessment

Achievement and Unit Standards – 20 credits

Leads to

Level 2 Technology

Technology (Soft Materials) Level 2**Prerequisites**

Level 1 Technology, an interest in fashion or HOD approval.

Description

Design and make high quality textile-based items and build knowledge of fashion industry.

Course Costs: \$20

Assessment

Achievement and Unit Standards – 20 credits.

Leads to

Level 3 Technology

Technology (Soft Materials) Level 3**Prerequisites**

Level 2 Technology, and/or an interest in fashion or HOD approval.

Description

Design and produce high quality textile-based items and build knowledge of the fashion industry.

Course Costs: \$20

Assessment

Achievement and Unit Standards – 28 credits.

Leads to

Career in the fashion industry and/or Technology degree.

Technology (Hard Materials)

Technology: Wood Level 1 (Year 11)**Prerequisites**

Year 10 Technology Hard Materials Wood or HOD approval

Description

The course will include programmes to suit the individual student with a focus on Building Industry skills, knowledge and Unit Standards. Projects will have a practical focus and outcome. Students will be required to complete work books and assignments as part of the course.

Assessment

Building Industry Unit Standards
B Constructive
Internally Assessed
Externally moderated
Credit Total: 24

Material Cost: \$120

Technology: Wood Level 3 (Year 13)**Prerequisites**

12 credits in Technology from Year 11 or Year 12 or HOD approval.

Description

This programme works through advanced Level 2 Unit Standards of fixed machinery and non consent building.

Level 3 Theory Units will be available from 2010.

Assessment

Internally assessed
Externally moderated
Credit Total: 15-20

Material Cost: \$120

Technology: Wood Level 2 (Year 12)**Prerequisites**

12 credits in Technology (Wood) Level 1 or HOD approval.

Description

This programme involves students constructing two set projects and building a deck, pergola and fence in small groups. Completion of all activity and work sheets is essential to gain credits.

Assessment

Internally assessed
Externally Moderated
Credit Total, Year 2: 20

Material Cost: \$120

Technology (Hard Materials)

Technology: Engineering Level 1 (Year 11)**Prerequisites**

Year 10 Technology Hard Materials Engineering or HOD approval.

Description

Students working on this course can achieve the Level 1 Mechanical Engineering National Certificate. The focus is on engineering skills, drawing and design. Students design and build a child's working pedal car while learning about mechanical engineering processes such as welding, machining, fabrication and assembly.

Assessment

Level 1 Certificate in Mechanical Engineering
Tools 4 Works Unit Standards
Competenz Engineering Pathways
Internally assessed
Externally moderated
Credit Total: 24

Material Cost: \$120

Technology: Engineering Level 2 (Year 12)**Prerequisites**

12 credits in Technology Engineering Level 1 or HOD approval.

Description

This programme has a similar focus to the previous year but is working towards the more advanced Level 2 Mechanical Engineering Certificate. Students study a range of unit standards, learning about tools and machines, materials and drawing while constructing a functional 50cc mini bike.

Assessment

Part of Level 2 Certificate in Mechanical Engineering
Internally assessed
Externally moderated
Credit Total: 11 – 22

Material Cost: \$120

Technology: Engineering Level 3 (Year 13)**Prerequisites**

12 credits in Engineering from Year 11 or Year 12 or HOD approval.

Description

This programme continues from the previous year of working on the remainder of Level 2 Mechanical Engineering National Certificate. Students at this level have more choice of project and are required to show more independence in their project development and studies. Projects such as a 50cc mini bike or go-cart are possible.

Assessment

Part of Level 2 Certificate in Mechanical Engineering
Internally assessed
Externally moderated
Credit Total: 11 – 22

Material Cost: Approximately \$120 (depending on project undertaken)

Te Reo Māori

Te Reo Māori (Level 1)

Prerequisites

Year 10 Te Reo Māori or HOD approval.

Description

Te Reo Māori at Level 1 continues the work of Year 10 in four areas:

Aural: Whakarongo i te reo o tōna ake ao
Oral: Kōrero i te reo tōna ao
Reading: Pānui i te reo o tōna ao
Writing: Tuhituhi i te reo o tōna ao

Assessment

Internal :

Aural: Whakarongo i te reo o tōna ao 6 credits

Oral: Kōrero i te reo o tōna 6 credits

External :

Reading: Pānui i te reo o tōna ao 6 credits

Writing: Tuhituhi i te reo o tōna ao 6 credits

Leads to

Level 2 Te Reo Māori

Te Reo Māori (Level 2)

Prerequisites

12 credits in Level 1 Te Reo Māori or HOD approval.

Description

Te Reo Māori at Level 2 extends the work of earlier years. There are four areas of study with writing skills developed into two strands:

Aural: Whakarongo i te reo o tōna ao mōhio.
Oral: Kōrero i te reo tōna ao mōhio.
Reading: Pānui i te reo o tōna ao mōhio.
Writing: Tuhituhi i te reo o tōna ao mōhio.
Hanga tuhinga i te reo o tōna ao mōhio.

Assessment

Internal

Aural:

Whakarongo i te reo o tōna ao mōhio 4 credits

Oral: Kōrero i te reo o tōna ao mōhio 6 credits

Hanga tuhinga i te reo o tōna ao mōhio

External

Reading: Pānui i te reo o tōna ao mōhio 6 credits

Writing: Tuhituhi i te reo o tōna ao mōhio 4 credits

Leads to

Level 3 Te Reo Māori

Te Reo Māori (Level 3)

Prerequisites

16 credits in Level 2 Te Reo Māori or HOD approval.

Description

Te Reo Māori at this level prepares students for further studies at Polytechnic, University or other wānanga. There are four areas of study with reading and writing skills developed into two strands each:

Aural: Whakarongo i te reo o te ao whānui.

Oral: Kōrero i te reo o te ao whānui.

Reading: Pānui kia whai māramatanga i te reo o te ao whānui.

Pānui kia wetewete i te reo o te ao whānui.

Writing: Whakaoti tuhinga ōkawa i te reo o te ao whānui.

Hanga tuhinga auaha i te reo o te ao whānui.

Assessment

Internal

Aural:

Whakarongo i te reo o te ao whānui 4 credits

Oral:

Kōrero i te reo o te ao whānui 6 credits

Writing:

Hanga tuhinga auaha i te reo o te ao whānui

4 credits

External

Reading:

Pānui kia whai māramatanga i te reo o te ao whānui 3 credits

Pānui kia wetewete i te reo o te ao whānui

3 credits

Writing:

Whakaoti tuhinga ōkawa i te reo o te ao whānui

4 credits

Tourism

Tourism (Level 2)

Prerequisites

It is important that students have good basic IT skills.

Description

This course offers a variety of Level 2 and Level 3 Tourism Industry Unit Standards.

Unit Standards involve knowledge of New Zealand, Australia and the world, work roles in the tourism industry, communicating with clients and writing for the industry.

Cost: \$65.00

Assessment

Internal : 100%
23 credits at Level 2
18 credits at Level 3
over 2 years.

Leads to

Further qualifications with tertiary providers.

Transition

<p>Transition</p> <p>Prerequisites A willingness to take part in discussion and class activities.</p> <p>Description Year 12 Transition is a course designed to meet the needs of students who may be in the process of transition from school to further training or employment. Having identified their career interests, students participate in a relevant STAR course. Using the skills gained from this course they undertake a week's work experience in their career area of choice in the second semester. Students with clear career goals may also participate in Gateway.</p> <p>Personal and social development modules such as Time Management are part of this course. It is hoped that Transition students will gain confidence and independence from developing these skills.</p> <p>This is a Unit Standards based course and offers 20+ credits.</p> <p>Assessment Internal</p> <p>Leads to National Certificate of Employment Skills and National Certificate of Educational Achievement Level 1.</p>	<p>It is expected that work ready Year 13 Transition students will participate in Gateway and have regular experiences and training in an industry which matches their career interest.</p> <p>This is a Unit Standards based course and offers 20+ credits including STAR and Gateway.</p> <p>Assessment Internal</p> <p>Leads to National Certificate of Employment Skills and National Certificate of Educational Achievement Level 2.</p>
<p>Transition</p> <p>Prerequisites A willingness to take part in discussion and class activities.</p> <p>Description Year 13 Transition offers practical knowledge and experiences for transition to life beyond school. Topics include: career planning, job-seeking skills, independent living, parenting, employee rights and responsibilities, occupational safety and health. Participation in STAR and Work Experience/Gateway is an important component of the course.</p>	<p>Full-Time Job Search</p> <p>Prerequisites Work ready Students are accepted into Job Search by interview which clarifies possible career direction and determines readiness as Job Search students must be prepared to help themselves.</p> <p>Description This is an individual programme for students who have completed their formal schooling and who wish to enter full-time employment or tertiary training in the near future. It provides career counselling and teaches self-marketing, job seeking and job retention skills. It is expected that Job Search students will take part in work experience, community service or STAR courses where appropriate. Students must meet the requirements of the workplace in terms of punctuality, presentation and work ethic.</p> <p>Assessment Self/peer/tutor/employer</p> <p>Leads to If appropriate, some students may gain Unit Standard credits before moving into employment or tertiary training.</p>

2010 COURSE SELECTION SHEET

FOR STUDY IN YEAR 11, 12, 13

(Please circle)

Name: Tutor Group:

I am planning to return to Hillmorton High School in 2010 (Circle your answer)

Yes

No

Uncertain

CAREER IDEAS

From the Senior Course book choose the option subjects that you would like to study next year.
Write these in the grid below.

<i>SUBJECT</i>	<i>LEVEL</i>

Years 12/13 only: I am interested in finding out more about Gateway (pg.12) (✓)

Parent Signature: Student Signature:

Dean's Signature: Date:

Please get this signed by your parent or caregiver and hand to your Tutor no later than Monday 24 August 2009