



Darfield High School

Course Booklet

Years 11-13

2011

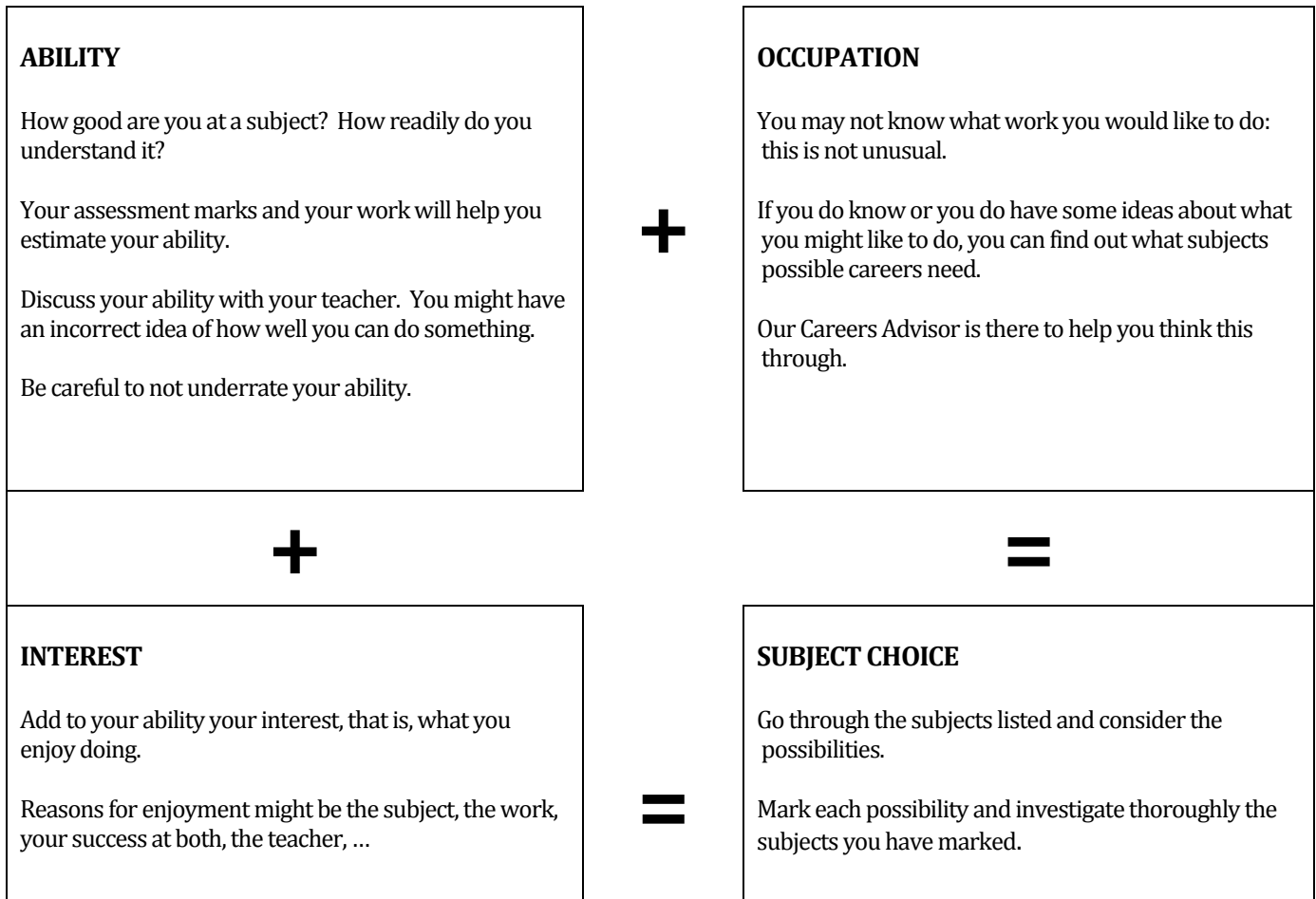


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USE THIS SIMPLE FORMULA TO HELP YOU TO CHOOSE YOUR COURSE:



ENTRY TO ALL COURSES IS BY APPLICATION:

The following factors will be taken into account when applications are processed:

1. Course pre-requisites
2. Applicant's academic record
3. Applicant's work and study, and self-management record (see below)
4. Class capacity (see below)

Class capacity:

Where there are more applications for places in a class than there are places available, students will receive preference who meet the course pre-requisites, have a strong achievement record in the subject, have a sound work and study record, and have a sound self-management record.

Applicant's work and study, and self-management record:

If an applicant's record of achievement, application, and attitude in a subject in the past has been poor, and if that applicant's being permitted entry to a limited entry course were to mean the exclusion of a student with a more positive record, then the applicant with the poorer record is unlikely to gain entry to the subject.

Discretionary Entry:

Applications considered by the Curriculum Manager, the Dean of Level, and either the Head of Department or the Teacher with Responsibility for the Subject.

Entry to all courses is confirmed at the beginning of the next School year.

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CORE PROGRAMMES

HEALTH

Health Education Optional courses that are relevant to our students needs are offered in Years 11-13. Students study units within the strands of Personal Health and Physical Development, Relationships with Other People, and Societal Attitudes and Values.

Year 11 Self Defence 4 Hour Course (\$22.50), Drug and Alcohol Awareness one day intensive course.

Year 12 St John's First Aid Course (\$55)

Senior Health is taught by outside experts in their field, with options for NCEA credits in the First Aid course and Drug and Alcohol Awareness Day.

CAREERS AND TRANSITION EDUCATION PROGRAMMES

The Careers and Transition programme is designed to meet the specific needs of students at Darfield High School, with particular reference to the Ministry of Education document Career Education and Guidance in New Zealand Schools, by assisting students to develop self-awareness, to become aware of opportunities, to make decisions, to plan and take action, and ultimately to face a competitive job market with confidence.

Aspects of the Careers/Transition programme have been integrated into the Health Curriculum with activities designed to give students the information, skills, and attitudes needed to be successful in today's society. Although students are offered a range of programmes in each level, it is essential that they are pro-active in their approach to future directions.

What follows is an outline of the activities / programmes offered at each year level.

YEAR 13

The focus in Year 13 is preparing students for the transition from school into tertiary study, workplaces, apprenticeships, and/or overseas experience.

To make tertiary institutions and training providers a reality rather than an abstract concept for students, the students participate in a 'Discovery Day', visiting local institutions such as Canterbury University (including the College of Education) and Lincoln University. For students who are more 'hands on' learners, there is the opportunity to attend the CPIT 'Have a Go Day' during the year. Visits are arranged from representatives of tertiary institutions, training providers, and ITOs from all over New Zealand, depending on the needs of students. Career assistance is available to students with input from some liaison representatives from tertiary institutions, and from the Year 13 Dean - for applications, course

choices, halls of residence, scholarships, financial planning, and work exploration.

YEAR 12

The focus for Year 12 is on work exploration and preparation for that.

Students have the opportunity to participate in one week of work exploration in Term 3. Students are encouraged to choose a workplace that is relevant to their future careers.

In preparation for the workplace, students are taught interview skills, Curriculum Vitae (CV) preparation, and how to write letters of application. Students are also formally interviewed for jobs by members of the community. On Interview Day, they are required to dress appropriately, and present a CV and letter of application for the interview. Students could gain credits for unit standards for Producing a Targeted Resume (US 4252).

YEAR 11

The focus at Year 11 is to provide a programme to trigger student consideration of future aspirations in respect to tertiary study and career direction.

This is an important year for students: the start of their NCEA qualifications. All Year 11 students participate in a programme that assists them in making decisions. The purpose is to give students a model to use when making decisions, but primarily to show how the model can be applied to the important decisions involved in developing a career pathway.

Students are also encouraged to use Kiwi Careers and Career Quest as tools to help them in their decision making process.

GATEWAY PROGRAMME

This programme assists eligible Years 12 and 13 students, and some Year 11 students, as they consider moving, prepare to move, and finally move into the workforce in skilled jobs. It provides students with opportunities to learn some of the more sophisticated job-specific skills which are needed in the workforce. Students spend at least the equivalent of one day per week in job-training. All training includes assessment for NZQA standard qualifications.

STAR COURSES

STAR courses are available to students from Years 10-13. These are 'taster' courses in a variety of industry areas and usually run in four-day blocks. Most courses include unit standards where students have the opportunity to gain credits. Students are usually referred by their Dean or after an interview with the Careers Advisor and/or Transition Assistant.

CAREERS EXPO AND COURSE INFORMATION EVENING

Every year (usually in May) institutions, training providers, and ITOs from all over New Zealand come together at the Westpac Centre for the Careers Expo. This is an excellent opportunity for both parents and students to get the latest career information.

Some of the representatives of these institutions will be at our Course Information Evening to assist students further with their future directions.

Students are always welcome to make an appointment to see the Careers Advisor - for assistance or to talk about options.

DISTANCE EDUCATION COURSES

Darfield High School sees subjects taken through either of the two distance education options as a valuable extension of its curriculum. Each provides students with an excellent opportunity for self-directed study.

The Correspondence School, Wellington - offers an extensive range of courses at all levels of learning. At regular intervals students are sent sets of work which are marked by a Correspondence School tutor. As a result of a redefining of the School's purpose, opportunities for students to take subjects by correspondence are more restricted than they have been in the past. For further information see Mr Bruce Johnston.

Virtual Learning Network - is a distance education programme in which students study a course via an at least once-a-week linkup with their tutor who is based elsewhere in New Zealand. These sessions involve the students and tutors interacting visually and orally on a sophisticated computer network. For further information see Mr Smart.

Criteria for entry to The Correspondence School subjects or the Virtual Learning Network are set down by the enrolment policies of Darfield High School, The Correspondence School and the CANTATECH Network.

SCHOOL CURRICULUM

ESSENTIAL LEARNING AREAS	YEAR 11 - NCEA Level One	YEAR 12 - NCEA Level Two	YEAR 13 - NCEA Level Three
English	# English ESOL	# English ESOL	• English ESOL
Languages	• French • Japanese • Te Reo Māori	• French • Japanese	• French • Japanese
Mathematics	Accounting # Maths	Accounting • Maths	• Accounting • Maths with Calculus • Maths with Statistics
Sciences	Agriculture (Rural College) ♦ Science	Agriculture (Rural College) Biology Chemistry Physics	Agriculture (Rural College) Biology • Chemistry • Physics
Social Sciences	Economics Geography History	Economics Geography History	Classical Studies Economics Geography History
The Arts	Drama • Music Visual Art	Drama • Music • Visual Art	• Drama • Music • Visual Art - Painting / Sculpture/ Printmaking
The Technologies	• Engineering • Furniture-Making • Graphics • Information Management	Business Administration Computer Studies • Engineering • Furniture Making Tech • Graphics Information Technology	Computer Studies • Furniture Making Tech • Graphics
Health and Physical Wellbeing	# Health Home Economics Physical Education # Sport and Recreation	Employment Skills # Health Home Economics Physical Education # Sport and Recreation	# Health Home Economics • Physical Education # Sport and Recreation
Key:	# Compulsory	• Prior Learning Essential	♦ Strongly Recommended

- The curriculum offered at Darfield High School enables every student to participate in the eight Learning Areas of the New Zealand Curriculum, in order to gain the knowledge and understanding needed for a broad and balanced education. They provide the context within which knowledge, skills, attitudes, and values are developed.
- Subject combinations are arranged to suit the majority of students. Courses will run provided that there are sufficient students to form a class, that staffing is available, and that the requested combination of classes can be timetabled. If a class size is too small to timetable, it may be

possible for the student to be enrolled with either The Correspondence School or the Virtual Learning Network.

- National Certificates, National Examinations, and NCEA are available at Years 11, 12 and 13.
- Acceleration of the very able is a possibility and extension is encouraged in all subjects.
- ESOL classes are offered at each year level to students for whom English is not their first language.

YEAR 11

ENTRY TO ALL COURSES IS BY APPLICATION:

The following factors will be taken into account when applications are processed:

- **course pre-requisites**
- **applicant's academic record**
- **class capacity**
- **applicant's work and study, and self-management record**

Class capacity:

Where there are more applications for places in a class than there are places available, students will receive preference who meet the course pre-requisites, have a strong achievement record in the subject, have a sound work and study record, and have a sound self-management record.

Applicant's work and study, and self-management record:

If an applicant's record of achievement, application, and attitude in a subject in the past has been poor, and if that applicant's being permitted entry to a limited entry course were to mean the exclusion of a student with a more positive record, then the applicant with the poorer record is unlikely to gain entry to the subject.

Entry to all courses is confirmed at the beginning of the next School year.

As part of The New Zealand Curriculum requirement, **all students must enrol in English or Māori, and Mathematics** as well as a course of study in **four other subjects**. Students are strongly encouraged to enrol in one of the **Science** courses.

It is important that in planning your Year 11 Course you keep in mind that, although many subjects can be taken up for the first time in Year 12, there are some subjects which lead from Year 11 to Year 12.

QUALIFICATIONS:

NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

The National Certificate of Educational Achievement is New Zealand's national qualification for school leavers. NCEA uses assessments that are better suited to the skills and knowledge being assessed. It is not very sensible to assess how well students can do a speech by getting them to write about their speech. If you want to know how well students can carry out an experiment, it is a good idea to watch them do it and assess that. But there is still a place for exams and most of the usual school subjects still have exams.

Standards are used to show what students know and can do. Standards describe the level of work students have produced and how well they have done. There are **TWO** types of Standards Based Assessments:

- 1. Achievement Standards**
- 2. Unit Standards**

The New Zealand Qualifications Authority (NZQA) is directly responsible for assessment by Achievement Standards at Level 1 in 2011, Level 1 and Level 2 in 2012, and Level 1, Level 2, and Level 3 in 2013. Apart from some generic standards, Industry Training Organisations are responsible for assessment by Unit Standard. Credits from Achievement and Unit Standards contribute towards NCEA qualifications.

For Achievement Standards:

Grades are reported for each skill – Not Achieved, Achieved, Merit, Excellence (N, A, M, E)

For Unit Standards:

Students receive Not Achieved or Achieved (N or A) Teachers will be able to explain to students exactly what they have to do to achieve the standard. Students will have to lift their performance to that standard. It is like jumpers who can see exactly how high the bar is set before they have to jump.

Standards have also been set to challenge and reward students. If students do particularly well in an achievement standard assessment, they can get merit or excellence.

Standards have different credit values depending on the amount of learning involved. In Art, for example, the portfolio is about six months work and so has 12 credits.

Credits:

- Credits are like points towards a qualification.
- Most full year courses will offer about 18-24 Credits.
- Every standard is worth a set number of credits: giving a speech, for example, is worth 3 credits.

Collecting Credits for NCEA Level 1:

80 Credits at Level One or above, including ten credits in reading and writing and ten credits in number skills, are needed for National Certificate of Educational Achievement Level One. The reading and writing, and number skills can be in English or Māori.

Year 11 students doing six subjects will probably be entering for between 108 and 144 credits.

**NATIONAL CERTIFICATE IN AGRICULTURE (Level 2)
(See Mr Smith)**

**NATIONAL CERTIFICATE IN MATHEMATICS
(LEVEL 1)
(See Mr Armstrong)**

COMPULSORY PROGRAMMES

All students must attend the compulsory programmes in **Health and Transition**.

English

COURSE **NCEA Level 1 English
- Course A**

Credits and Assessment:

16 Internal Credits
12 External Credits

Entry Conditions:

Automatic: for students whose Year 10 results show that they are competent readers and writers (Level 5A or better) with the ability to meet the work requirements and the demands of external examinations.
Discretionary (See Page 2)

What is the course about?

To prepare students for continued study in

English.
This course leads to:
NCEA Level 2 English

COURSE **NCEA Level 1 English
- B Course**

Credits and Assessment:

19 Internal Credits

Entry Conditions:

Open

What is the course about?

Students in this course are working towards gaining Level One Literacy and honing core generic skills.

This Course leads to:

NCEA Level 2 English

Teacher in Charge:

Mrs Morgan

COURSE **ESOL**

Credits and Assessment:

English and ESOL credits will be offered at the discretion of the teacher.

Entry Conditions:

Open: for any student for whom English is not their first language. Students are tested to identify their level of English but are encouraged to do eight hours of ESOL.

What is the course about?

This course will develop the four language skills (Speaking, Listening, Reading, Writing) working toward building up the student's language skills in order to possibly attempt Literacy Level 1 and ESOL credits.

This Course leads to:

Beginning Level 2 Literacy and Year 12 ESOL

Cost:

Ring binder, refill, dividers (\$20)

Teacher in Charge:

Mr Tsavovisis

Mathematics

COURSE **NCEA Applied Mathematics 1**

Credits and Assessment:

Achievement Standards (credit number yet to be confirmed)

Entry Conditions:

Discretionary (See Page 2)

What is the course about?

This course is designed to provide students with the opportunity to gain the numeracy credits required to attain an NCEA Level One Certificate and the numeracy requirements for University Entrance. The course aims to improve student's everyday mathematical skills and covers the topics of number, money, measurement, algebra, geometry and statistics.

This course leads to:

This course leads to NCEA Applied Mathematics 2

Cost:

A workbook at approximately \$21 and a scientific or graphics calculator.

COURSE **NCEA Achievement Standard Mathematics Level 1**

Credits and Assessment:

10 Internal Credits
14 External Credits

Entry Conditions:

Automatic: for any student who has achieved good results in their Year 10 course and has the potential to attain Achieved grades or better in this course.
Discretionary (See Page 2)

What is the course about?

This course is all about developing mathematical language skills and techniques

required to solve problems. There is an emphasis on describing problems in mathematical language and problem solving strategies. The course covers predominantly the areas of algebra, graphing, statistics and probability.

This Course leads to:

NCEA Level 2 Mathematics

Cost:

A workbook at approximately \$23 and a scientific or graphics calculator

Teacher in Charge:

Mr Armstrong

COURSE **NCEA Level 1 Accounting**

Credits and Assessment:

7 Internal Credits
16 External Credits

Entry Conditions:

Open

What is the course about?

A beginners' course looking at the accounting process of business organisations. Topics include: Accounting for a small one-owner business, types of business ownership, analysing and interpreting of Accounting reports, reporting on financial information for an individual, household or community organisation.

This Course leads to:

NCEA Level 2 Accounting

Cost:

Workbook approx \$10.00

Teacher in Charge:

Ms Evans

Sciences

Note: Science is not compulsory at Year 11 but students are strongly encouraged to enrol in one of the **Science** courses.

Students may choose:

either: Physical Science AND/OR Life Science; or: one of the other two Year 11 Science courses. Enrolment to study both Physical Science and Life Science is discretionary.

COURSE **Year 11 Physical Science**

Credits and Assessment:

20 External Credits

Entry Conditions:

Automatic: for students who have achieved at Level 5 of the Curriculum for at least half of the assessments in their Year 10 Science course. Discretionary (See Page 2)

What is the course about?

Physical Science is the study of Physics and Chemistry. Physics includes developing an understanding of mechanics, electricity, magnetism and wave behaviour. Chemistry includes an understanding of chemical reactions and aspects of carbon chemistry.

This Course leads to:

NCEA Level 2 Physics and level 2 Chemistry

Cost:

New Directions in Science Homework Book - \$15

Teachers in Charge:

Mr Maude, Mr Gerritsen

COURSE **Year 11 Life Science**

Credits and Assessment:

4 External Credits
16 Internal Credits

Entry Conditions:

Automatic: for students who have achieved at

Level 5 of the Curriculum for at least half of the assessments in their Year 10 Science course. Discretionary (see Page 2)

What is the course about?

Life Science is the study of the Earth and the organisms found in the biosphere. It involves developing an understanding of the interrelationships between genetics, life processes, and the living and non-living environment.

This Course leads to:

NCEA Biology Level 2 (possibly NCEA Environmental Science Level 2)

Cost:

New Directions in Science Homework Book - \$15

Teachers in Charge:

Mr Baars

COURSE **Applied Science**

Credits and Assessment

8 External Credits
8 Internal Credits

Entry Conditions:

Open

What is the course about?

This course is about developing an understanding of the Science that is relevant to everyday life. Topics studied are: genetic variation, microbes, heat transfer and acids and bases. The ideas can be applied to health and plant/animal breeding, food safety, home insulation and safety with everyday chemicals.

This Course is for students for whom this is their last year studying a Science subject.

Cost:

There may be some workbooks for the external standards; expected cost approximately \$30.

Teacher in Charge:

Mr Baars

COURSE **Agricultural Science**

Credits and Assessment:
19 Internal Credits

Entry Conditions:
Automatic: for students who are enrolled in Rural College.
Discretionary (see Page 2)

What is the course about?
Agricultural Science is a course that has been designed to support what is learned in Rural College. By learning the Science behind the work done, a deeper understanding of why things happen the way they do will be developed.

This Course leads to:
Biology NCEA Level 2 (possibly Environmental Science NCEA Level 2)

Teacher in Charge:
Mr Smith

Rural College

COURSE **NCEA Level 1 Agriculture**

Credits and Assessment:
30 - 36 Internal Credits

Entry Conditions:
Discretionary: Entry to the course is dependent on the outcome of the compulsory interview.

What is the course about?
Rural College Year 1 is based around the operation of basic farm machinery such as tractors, motorbikes and ATVs. Also included are correct procedures for working with cattle and sheep. Electric and non-electric fence systems are also studied.

This Course leads to:
Rural College Year 2

Cost:
\$250 paid in full or, in instalments by arrangement
Teacher in Charge:
Mr Smith

Social Sciences

COURSE **NCEA Level 1 Geography**

Credits and Assessment:
11 Internal Credits
13 External Credits

Entry Conditions:
Open

What is the course about?
This course is designed to help you understand how we use Farming Resources and Mining Resources as well as how our environment presents a range of Natural Hazards for people. We will also study some Geographical Issues and a Global Study. We do this while learning a range of useful skills to interpret data and apply solutions.

This Course leads to:
NCEA Level 2 Geography

Cost:
A small charge (\$10) may apply to pay transport costs for a Dairy Farm field trip.

Teacher in Charge:
Mr Johnston

COURSE **NCEA Level 1 History**

Credits and Assessment:
12 Internal Credits
12 External Credits

Entry Conditions:
Open: Good reading and written communication skills required.

What is the course about?

Topics studied in Year 11 History are: Origins of World War Two, NZ 1945 to 1985, and Black Civil Rights in the USA. The following skills are developed: understanding historical empathy, interpreting sources, essay writing, and researching and presenting information.

This Course leads to:

NCEA Level 2 History

Cost:

History skills workbook \$12.50

Write-On-Notes \$15.00

Teacher in Charge:

Miss Deans

COURSE **NCEA Level 1 Economics**

Credits and Assessment

7 Internal Credits

16 External Credits

Entry Conditions:

Open

What is the course about?

Economics is the study of how individuals and groups choose to satisfy their unlimited wants while only having limited means. We look at how consumers and producers work together in the market place and how their interaction results in economic decision making about what will be produced and the process of production. In particular we study this process in the NZ economy. Major topics studied are: Consumers, Producers and the Market.

This Course leads to:

NCEA Level 2 Economics

Cost:

Workbook approx \$20.00

Teacher in Charge:

Ms Evans

Arts

COURSE **NCEA Level One Visual Art**

Credits and Assessment:

10 Internal Credits

12 External Credits

Entry Conditions:

Open: It is helpful to have taken Art at Year 10.

What is the course about?

Students will draw, paint, sculpt, and print to explore both landscape and still life subject matter to produce a body of work for assessments.

This Course leads to:

NCEA Level 2 Visual Art

Cost:

\$60.00

This covers – External folio board costs, Sculpture materials, a range of card, paper, inks and further drawing mediums. Approx \$12.00 for a drawing trip to Castle Hill.

Teacher in Charge:

Miss Crocker

COURSE **NCEA Level 1 Drama**

Credits and Assessment:

19 Internal Credits

5 External Credits

Entry Conditions:

Open

What is the course about?

This course explores drama techniques, elements and styles through a variety of practical activities. Students will perform technical and production roles in addition to

acting roles. In particular, we study melodrama, improvisation, devising, and working within a scripted context.

This Course leads to:
NCEA Level 2 Drama

Cost:
Students will be expected to attend a minimum of one play outside of school. Actual cost will be dependent on production and travel expenses.

Teacher in Charge:
Miss A Ward

COURSE **NCEA Level 1 Music**

Credits and Assessment:
19 Internal Credits
5 External Credits

Entry Conditions:
Automatic: for students who have completed a semester of Year 10 Music and are pursuing tuition on a solo instrument.
Discretionary (see page 2)

What is the course about?
This course provides the student with a balance of practical and academic music studies and ideally includes a commitment to the school ensembles. Students need to have completed this level before being considered for Level Two Music entry.

This Course leads to:
NCEA Level 2 Music

Cost:
\$17 Course booklet, assignments and discs.
Additional charges for competitions and tours, as appropriate.

Teacher in Charge:
Ms Hayes

Languages

COURSE **NCEA Level 1 Japanese**

Credits and Assessment:
9 Internal Credits
15 External Credits

Entry Conditions:
Automatic: for students who have studied Japanese in Year 10
Discretionary (See Page 2)

What is the course about?
NCEA Level 1 Japanese teaches students to use written and spoken Japanese flexibly in a variety of routine situations.

This Course leads to:
NCEA Level 2 Japanese

Cost:
Work book \$27.00
Language Perfect \$10.00

Teacher in Charge:
Miss Hayakawa

COURSE **NCEA Level 1 French**

Credits and Assessment:
14 Internal Credits
10 External Credits

Entry Conditions:
Automatic: for students who have studied French the whole year in Year 10.
Discretionary (See Page 2)

What is the course about?
Building on skills already learnt in Years 9 and 10, Year 11 French covers the following topics: travel and getting around France, one's country, holidays, daily routines, making social arrangements, entertainment and health.

This Course leads to:
NCEA Level 2 French

Cost:
Course booklets: \$ 20.00
Subscription to Language Perfect - \$10.00

Teacher in Charge:
Ms Juhel

COURSE **NCEA Level 1 Te Reo Māori**

Credits and Assessment:
14 Internal Credits
10 External Credits

Entry Conditions:
Automatic: for students who have studied Te Reo Maori the whole year in Year 10.
Discretionary (See Page 2)

What is the course about?
Building on skills already learnt in Years 9 and 10, Year 11 Te Reo Māori covers the following topics: the mihi, school, class, myths and legends, local area and iwi studies, well-known Māori people, the body, protocols of the Marae and powhiri process, time.

This Course leads to:
NCEA Level 2 Te Reo Māori

Cost:
Te Awa Rere workbook: approximately \$12.40

Teacher in Charge:
Ms Williams

Technologies

COURSE **NCEA Level 1 Furniture Making**

Credits and Assessment:
21 Internal Credits

Entry Conditions:
Discretionary: students must have

satisfactorily completed the Technology Hard Materials course in Year 10 and have the potential to achieve NCEA Furniture Making in Level 1.

What is the course about?
Introduction to Furniture Making. It is mainly practical with written some unit standards.

This Course leads to:
Year 12 Furniture Making

Cost:
Breakfast tray \$30, cabinet \$70, cheval mirror \$53, workbooks \$25. Payment invoiced as projects completed.

Teacher in Charge:
Mr Chalk

COURSE **NCEA Level 1 Graphics**

Credits and Assessment:
12 Internal Credits
12 External Credits

Entry Conditions:
Discretionary: students must have satisfactorily completed the Graphics course in Year 10.

What is the course about?
It is a foundational course in Graphics covering media, digital, environmental, architectural and technological design. The course is project based, assessed over the academic year.

This Course leads to:
NCEA Level 2 Graphics.

Cost:
Workbook \$5. Students will be required to purchase resources and equipment listed in the Graphics Student Equipment list.

Teacher in Charge:
Mr Nugent

COURSE **NCEA Level 1 National Certificate in Engineering**

Credits and Assessment:

24 Internal Credits

Students then need to gain 16 credits from any subject area to achieve the 40 credits necessary.

Entry Conditions:

Open

What is the course about?

This is an introductory qualification for students interested in Mechanical Engineering Technology. The qualification is intended to provide students with a well-balanced, practically-orientated course. Students will learn a variety of basic engineering skills and knowledge.

This Course leads to:

NCEA Level 2 Engineering Technology

Cost:

Workbook and Assessment sheets \$10, Materials \$85 (Project 1 \$30, Project 2 \$30, Project 3 \$25)

Teacher in Charge:

Mr Nugent

COURSE NCEA Level 1 Digital Technologies

Credits and Assessment:

13 Internal Credits

6 External Credits

Entry Conditions:

Open

What is the course about?

Students will become confident using many different types of computer applications and combining them to produce effective outcomes. This may include: Web design, animation, spreadsheets, database, desktop publishing, and working with sound and images.

This Course leads to:

NCEA Level 2 Digital Technologies

Cost:

\$5 per workbook (students may prefer to work

off the computer)

Teacher in Charge:

Miss Blakemore

COURSE NCEA Level 1 Home Economics

Credits and Assessment:

5 External Credits

15 Internal Credits

Entry Conditions:

Discretionary: students must have satisfactorily completed the Food and Nutrition course in Year 10.

What is the course about?

This course explores: hygiene and safe food handling practices, human nutrition, meal planning, food labelling, cooking techniques, and the function of kitchen equipment. Each of the topics requires students to complete a written assignment as well as a practical cooking component.

This Course leads to:

NCEA Level 2 Home Economics

Cost:

Ingredients: \$25

Students will be required to provide some ingredients for practical lessons.

Teacher in Charge:

Miss Waters

Physical Education, Health, and Sport

COURSE NCEA Level 1 Physical Education

Credits and Assessment:

24 Internal Credits

Entry Conditions:

Open

What is the course about?

This course is designed for those who are keen to further their theoretical knowledge of Physical Education and body function. It consists mainly of theoretical components based on practical sporting contexts.

This Course leads to:

NCEA Level 2 Physical Education

Cost:

Student Workbook – approximately \$28.50

Teacher in Charge:

Ms Tangney

Year 12

ENTRY TO ALL COURSES IS BY APPLICATION:

The following factors will be taken into account when applications are processed:

- **course prerequisites**
- **applicant's academic record**
- **class capacity**
- **applicant's work and study, and self-management record**

Class capacity:

Where there are more applications for places in a class than there are places available, students will receive preference who meet the course pre-requisites, have a strong achievement record in the subject, have a sound work and study record, and have a sound self-management record.

Applicant's work and study, and self-management record:

If an applicant's record of achievement, application, and attitude in a subject in the past has been poor, and if that applicant's being permitted entry to a limited entry course were to mean the exclusion of a student with a more positive record, then the applicant with the poorer record is unlikely to gain entry to the subject.

Entry to all courses is confirmed at the beginning of the next School year.

At Darfield High School there is a "general rule" that students whose NCEA Level One grades in a subject are 'Achieved' or better will normally do a full Year 12 Course. Students who do not meet this standard will need to discuss their options with their Dean.

SELECTING YOUR COURSE:

A course of study in English is compulsory for all students. However the level taken can be at Year 12 or above or below that level.

The range of subjects from which Year 12 students can choose is wide. All courses are approved by the New Zealand Qualifications Authority and give students the opportunity to study subjects that interest them and to secure a well-balanced education.

QUALIFICATIONS:

The following qualifications are available:

NCEA LEVEL TWO

To be awarded NCEA Level Two a student must achieve:

- 80 Credits of which at least 60 must be at Level Two or higher.

All courses at Year 12 will offer either Level Two Achievement Standards or Unit Standards or a mixture of both; or a mixture of Level One and Two Achievement Standards and / or Unit Standards. While there are no literacy or numeracy requirements, any students intending to enter University will need to familiarise themselves with the literacy and numeracy requirements for University Entrance.

NATIONAL CERTIFICATE IN EMPLOYMENT SKILLS

(see Miss Kidd)

NATIONAL CERTIFICATE IN COMPUTING LEVEL TWO

(see Miss Blakemore)

NATIONAL CERTIFICATE IN BUSINESS ADMINISTRATION AND COMPUTING LEVEL TWO

(see Miss Blakemore)

NATIONAL CERTIFICATE IN MATHEMATICS (LEVEL TWO)

(See Mr Armstrong)

NATIONAL CERTIFICATE IN AGRICULTURE (LEVEL TWO)

(See Mr Smith)

COMPULSORY PROGRAMMES

All students must attend the compulsory programmes in Health and Transition.

English

COURSE NCEA Level 2 English – A Course

Credits and Assessment:

16 Internal Credits
12 External Credits

Entry Conditions:

Automatic: for Year 12 students whose NCEA Level 1 English grades are all Merit or better, and who wish to pursue further studies in English.
Discretionary (see Page 2)

What is the course about?

There is a wide variety of activities that build on previously learnt skills and develop some new ones. These include:

- Literature study, e.g. novel, Shakespearean play, poetry, short stories
- Language Studies
- Viewing and Presenting Visual Texts
- Development of Essay-Writing Skills
- Oral Language Study
- In-depth research and analysis

This Course leads to:

Success in this course is an essential requirement for NCEA Level 3 English. For others it leads to an Alternative English Course in Year 13. All courses offer the opportunity to achieve the Reading and Writing credits required to gain entrance to university.

COURSE NCEA Level 2 English – B Course

Credits and Assessment:

17 Internal Credits

Entry Conditions:

Open: Year 12 students whose NCEA Level 1

English grades are not all Merit or better, and who wish to develop their English skills.

What is the course about?

This course is internally assessed but there may be the opportunity for some students to complete some of the Level Two external Achievement Standards. This course builds on previously learnt skills.

This Course leads to:

Success in this course may lead to the possibility of study at Level Three NCEA English.

Teacher in Charge:

Mrs Morgan

COURSE NCEA Level 2 ESOL

Credits and Assessment:

8 - 12 Internal Credits

Entry Conditions:

Open: for any student for whom English is not their first language. Students are tested to identify their level of English but are encouraged to do eight hours of ESOL.

What is the course about?

This course will continue to develop the four language skills (Speaking, Listening, Reading, Writing). In addition, it will offer both ESOL and English standards working toward Level 2 Literacy and University Entrance.

This Course leads to:

Completion of Level 2 Literacy and Year 13.

Cost:

Ring binder, refill, dividers (\$20)

Teacher in Charge:

Mr Tsavousis

Mathematics

COURSE NCEA Applied Mathematics Level 2

Credits and Assessment:

This course offers Unit Standard credits at Levels 1 and 2. (Credit number yet to be confirmed)

Entry Conditions:

Discretionary (see Page 2): for students who have studied Level One Mathematics at either Unit Standard or Achievement Standard level.

What is the course about?

This course designed for students who wish to continue their studies in mathematics but who do not have the skills to cope with an NCEA Achievement Standard Course at Level 2. This course is an extension of Year 11 work.

This course leads to:

NZ Certificate in Mathematics Level 1 and to some Level 2 Unit Standards. **The course does not lead to Level Three studies.**

Cost:

A workbook at approx. \$15 and a scientific or graphics calculator.

<i>COURSE</i>	<i>NCEA Achievement Standard Mathematics Level 2</i>
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Credits and Assessment:

7 Internal Credits
15 External Credits

Entry Conditions:

Automatic: for students who have 16 or more credits from their NCEA Level 1 Mathematics Course with passes in algebra and graphs.
Discretionary (see Page 2)

What is the course about?

This course is all about developing mathematical language skills and techniques required to solve problems. There is an emphasis on describing problems in mathematical language and problem solving strategies.

This Course leads to:

NCEA Level 3 Mathematics with Calculus, and Statistics and Modelling.

Cost:

A workbook at approximately \$23 and a scientific or graphics calculator.

Teacher in Charge:

Mr Armstrong

<i>COURSE</i>	<i>NCEA Level 2 Accounting</i>
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Credits and Assessment:

7 Internal Credits
17 External Credits

Entry Conditions:

Automatic: for students who have 16 credits from NCEA Level 1 Accounting.
Discretionary (see Page 2)

What is the course about?

This course is a continuation from Level 1, which looks at the processes of Accounting for a sole trader. Topics include: Accounting for a small one-owner business, analysing and interpreting of Accounting reports, Accounting subsystems, reporting on financial information, use of the computer package MYOB.

This Course leads to:

NCEA Level 3 Accounting

Cost:

Workbook approx \$10.00

This Course leads to:

NCEA Level 3 Accounting

Teachers in Charge:

Ms Evans

Sciences

<i>COURSE</i>	<i>NCEA Level 2 Physics</i>
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Credits and Assessment:

17 External Credits
7 Internal Credits

Entry Conditions:

Automatic: for students who have 18 Science

credits including 5 in Physics in Level 1 Science.

Discretionary (see Page 2)

What is the course about?

This course covers some of the basic facts, principals, generalisations and theories of physics and applies them to an understanding of familiar and unfamiliar situations. These studies are used to give an understanding of modern day developments.

This Course leads to:

NCEA Level 3 Physics

Cost:

Course manual \$25, Laboratory Manual \$10, AME Workbook \$17

Teachers in Charge:

Mr Maude

COURSE **NCEA Level 2**
Chemistry

Credits and Assessment:

16 External Credits

8 Internal Credits

Entry Conditions:

Automatic: for students who have achieved at least 15 credits for NCEA Level 1 Science courses at Merit level.

Discretionary (see Page 2)

What is the course about?

Chemistry is the study of reactions and how they take place. In this course, your knowledge is developed of the atom and how groups of chemicals react in similar ways. The course comprises a mixture of written work and practical investigation.

This Course leads to:

NCEA Level 3 Chemistry

Cost:

Beginning Chemistry Workbook \$37

Teacher in Charge:

Mr Gerritsen

COURSE **NCEA Level 2 Biology**

Credits and Assessment:

12 External Credits

9 Internal Credits

Entry Conditions:

Automatic: for students who have achieved at least 15 credits for NCEA Level 1 Science courses at Merit level.

Discretionary (see Page 2).

What is the course about?

Biology is the study of living things and how they are connected. In this course biological knowledge is developed further, as is a foundation for further study in this subject. The course comprises a mixture of written work, research and practical investigation.

This Course leads to:

NCEA Level 3 Biology

Cost:

Tutor Courseware Level 7 Biology Workbook - \$30

Teacher in Charge:

Mr Baars

COURSE **NCEA Level 2**
Environmental Science

Credits and Assessment:

9 External Credits

10 Internal Credits

Entry Conditions:

Automatic: for students who have achieved at least 15 credits for NCEA Level 1 Science courses.

Discretionary (see Page 2)

What is the course about?

Environmental Science is a mixture of biology – the study of living things and how they are connected, and sustainability – how to use natural resources in such a way that future generations can enjoy the same quality of life that we enjoy.

This Course leads to:
Biology NCEA Level 3

Cost:
Confidence in biology – a Student Workbook for NCEA Level 2 - \$20.

Teacher in Charge:
Mr Baars

Rural College

COURSE **NCEA Level 2**
Agriculture

Credits and Assessment:
30-36 Internal Credits

Entry Conditions:
Automatic: for students who have successfully completed Rural College Year 1.
Discretionary: via Interview Selection Process.

What is the course about?
Rural College Year 2 is based around the advanced operation of basic farm machinery such as tractors, motorbikes and ATVs. Also included are advanced animal handling, dairy shed design and management, animal husbandry and genetics.

This Course leads to:
Rural College Year 3

Cost:
\$250 paid in full or in instalments by arrangement.

Teacher in Charge:
Mr Smith

Social Sciences

COURSE **NCEA Level 2**
Geography

Credits and Assessment:
10 External Credits
11 Internal Credits

Entry Conditions:
Open: students who will be most successful will have effective writing skills and a proven ability to collect and analyse information.

What is the course about?
This course has a focus on the study of landscapes (South Island High Country and Amazon Rainforest), as well as cities and urban areas. There is also a continuation of looking at Geographic Issues and Global Studies.

This Course leads to:
NCEA Level 3 Geography

Cost:
A field trip to Helicopter Hill in the Craigieburn is part of this course and the transport cost for this is approximately \$18.00

Teacher in Charge:
Mr Johnston

COURSE **NCEA Level 2 History**

Credits and Assessment:
12 Internal Credits
12 External Credits

Entry Conditions:
Automatic: for students who have 16 History credits at Level 1 or 16 credits at Level 1 English (10 of these must be reading/writing standards).
Discretionary (see Page 2)

What is the course about?
Year 12 History studies The Russian Revolution and The Indo-China Conflict (Vietnam War). There is also a focus on the following skills; understanding historical empathy, interpreting sources, essay writing and researching and presenting information.

This Course leads to:

NCEA Level 3 History

Cost:

Field Trip to Christchurch approximately \$15

Teacher in Charge:

Miss Deans

COURSE **NCEA Level 2
Economics**

Credits and Assessment:

6 Internal Credits
18 External Credits

Entry Conditions:

Open: students who have studied Economics at another level have an advantage.

What is the course about?

The issues that result from market forces and from the failure of the market system to solve all economic problems are the scope of this course. The study includes policies that a government may implement to address issues that arise in the market economy: inflation, economic growth, international trade, government policies.

This Course leads to:

NCEA Level 3 Economics

Cost:

Workbook approx \$20.00

Teacher in Charge:

Ms Evans

Arts

COURSE **NCEA Level 2 Visual
Art**

Credits and Assessment:

6 Internal Credits
12 External Credits

Entry Conditions:

Automatic: for students who achieved the external assessment and at least one of the Internal assessments in Level 1 Visual Art. Discretionary (see Page 2)

What is the course about?

Students will explore their chosen subject matter in paint, printmaking and sculpture. They will develop skills to major in one discipline at Level Three if they choose to

continue.

This Course leads to:

Level 3 Painting or Printmaking or Sculpture. (Please note: a student must take two of the above at Level 3 to study Fine Arts at some universities. For example Canterbury University).

Cost:

\$55.00 This covers –Sculpture materials, a range of card, paper, specialty printmaking inks and materials.

Teacher in Charge:

Miss Crocker

COURSE **NCEA Level 2 Drama**

Credits and Assessment:

19 Internal Credits
5 External Credits

Entry Conditions:

Open: a previous study of Drama is not essential, but skills learnt at NCEA Level One will be built upon in this course.

What is the course about?

This course explores and develops use of drama techniques; voice body movement and space. Students will further develop their understanding of the drama elements and will be exposed to theatrical conventions. The major production is a highlight of the year and students will need to make themselves available for rehearsals in order to gain the credits for the relevant achievement standard.

This Course leads to:

NCEA Level 3 Drama

Cost:

Students are expected to attend at least two plays outside of school. The cost is dependent on the production and travel expenses.

Teacher in Charge:

Miss A Ward

some unpredictable content.

COURSE **NCEA Level 2 Music**

Credits and Assessment:

19 Internal Credits
5 External Credits

Entry Conditions:

Discretionary: to those students who have achieved Level 1 credits.

What is the course about?

This advanced course in practical and academic music studies requires the candidate to apply knowledge gained at Level One. Students are expected to work independently and be involved in a variety of ensembles.

This Course leads to:

NCEA Level 3 Music

Cost:

\$17 Course booklet, assignments and discs.
Additional charges for competitions and tours, as appropriate.

Teacher in Charge:

Ms Hayes

Languages

COURSE **NCEA Level 2 Japanese**

Credits and Assessment:

9 Internal Credits
15 External Credits

Entry: Conditions:

Automatic: for students who have successfully studied NCEA Level Two Japanese.
Discretionary (see Page 2)

What is the course about?

NCEA Level 2 Japanese teaches students to comprehend detail, and summarise meaning in spoken and written Japanese. They also learn to initiate a conversation which may have

This Course leads to:

NCEA Level 3 Japanese

Cost:

Work book \$27.00
Language Perfect \$10.00

Teacher in Charge:

Miss Hayakawa

COURSE **NCEA Level 2 French**

Credits and Assessment:

9 Internal Credits
15 External Credits

Entry Conditions:

Automatic: for students who have 12 French credits at Level 1 French.
Discretionary (see Page 2)

What is the course about?

Students will further develop all language skills with the emphasis on effective communication. Topics studied will include: the French speaking world, health and well-being, latest trends, future plans, personal relationships and traditional stories.

This Course leads to:

NCEA Level 3 French

Cost:

Course booklets: \$20.00
Subscription to Language Perfect - \$10.00

Teacher in Charge:

Ms Juhel

COURSE **NCEA Level 2 Te Reo Māori**

Credits and Assessment:

9 Internal Credits
15 External Credits

Entry: Conditions:

Automatic: for students who have successfully studied Te Reo Māori in Year 11.
 Discretionary (see Page 2)
What is the course about?
 NCEA Level 2 Te Reo Māori topics may include: school life, the changes to the Māori language, arts and crafts, the arrival, adaptation, and struggles of Māori and Pakeha, and whaikorero today and from yester-year.

This Course leads to:
 NCEA Level 3 Te Reo Māori

Cost:
 Students will attend Ngā Manu Kōrero Speech Competition and a marae stay: cost \$50.00.

Teacher in Charge:
 Ms Williams

Technologies

COURSE **NCEA Level 2 Furniture Making**

Credits and Assessment:
 25 Internal Credits

Entry Conditions:
 Discretionary – must have satisfactorily completed Level One Furniture Making.

What is the course about?
 Furniture Making. It is mainly practical with some written unit standards.

This Course leads to:
 Year 13 Furniture Making

Cost:
 Single door unit \$65, saw stool \$40, Cape Cod chair \$140, double door unit \$130, workbooks \$25. Payment invoiced as projects completed.

Teacher in Charge:
 Mr Chalk

COURSE **NCEA Level 2 Graphics**

Credits and Assessment:
 12 Internal Credits
 12 External Credits

Entry Conditions:
 Automatic: Students must have successfully completed NCEA Level 1 Graphics.
 Discretionary (see Page 2)

What is the course about?
 The course covers design history, media, architectural and technological design. The focus is to develop the basic skills from Year 11 and encourage students to deepen their knowledge, and practical and design skills.

This Course leads to:
 The course leads to NCEA Level 3 Graphics

Cost:
 Workbook \$5. Students will be required to purchase resources and equipment listed in the Graphics Student Equipment list

Teacher in Charge:
 Mr Nugent

COURSE **NCEA Level 2 National Certificate in Engineering**

Credits and Assessment:
 24 Internal Credits.
 Other unit standards are required to complete the full Mechanical Engineering Level 2 National Certificate.

Entry Conditions:
 Automatic: for students who have completed Unit Standards 22926, US 22923, US 22924.
 Discretionary: (see Page 2)

What is the course about?
 The course represents a set of foundation skills for mechanical engineering and related trades. The credits can be used for the first stages of an apprenticeship or the basis for a pre-trade course at a tertiary college.

This Course leads to:
 Trade qualifications in mechanical engineering

at Levels 4 and 5 and, ultimately, to the National Diploma in Engineering Level 6.

Cost:

Workbook and Assessment sheets \$10, project materials \$75.

Teacher in Charge:

Mr Nugent

COURSE **NCEA Level 2 Digital Technologies**

Credits and Assessment:

24 (or more) Internal Credits

Entry Conditions:

Automatic: for students who studied Level 1 Digital Technologies and achieved nine or more credits, including three external credits. Discretionary (see Page 2)

What is the course about?

Students taking this course can choose from a wide range of standards: There are 38 credits available to choose from. Students will work towards the National Certificate in Computing at Level 2. They will become confident using many different types computer applications.

This Course leads to:

Level 3 Digital Technologies

Cost:

\$5 per Unit Standard workbook (students may prefer to work off the computer)

Teacher in Charge:

Miss Blakemore

COURSE **NCEA Level 2 Home Economics**

Credits and Assessment:

15 Internal Credits
5 External Credits

Entry Conditions:

Automatic: students must successfully have completed Level 1 Home Economics Discretionary (see Page 2)

What is the course about?

This course explores: preserving, vegetarian eating, cake-decorating, New Zealand eating patterns, and creating food products. Each of the topics requires students to complete a written assignment as well as a practical cooking component.

This Course leads to:

Level 3 Home Economics course.

Cost:

Ingredients: \$25 (Students will be required to provide some ingredients for practical lessons).

Workbook: \$8

Teacher in Charge:

Miss Waters

Physical Education, Health, and Sport

COURSE **NCEA Level 2 Physical Education**

Credits and Assessment:

24 Internal Credits

Entry Conditions:

Open: Those students who have completed the NCEA Level 1 Physical Education course will have an advantage.

What is the course about?

The NCEA Level 2 Course is a full 24 credit course spread across eight Achievement Standards. Time will be reasonably equally divided between theoretical and practical components.

This Course leads to:

NCEA Level 3 Physical Education

Cost:

Student Workbook – approximately \$28.50

Teacher in Charge:

Ms Tangney

communication skills.

Teacher in Charge:
Miss Kidd

COURSE *National Certificate in Employment Skills*

Credits and Assessment

30 Level 1 Internal Credits

35 Level 2 Internal Credits

Entry Conditions:

Open entry

What is the course about?

Students will become confident in their employment rights and responsibilities, create their CV, learn formal interview skills, gain work experience and improve their

YEAR 13

ENTRY TO ALL COURSES IS BY APPLICATION

The following factors will be taken into account when applications are processed:

- **Course prerequisites**
- **Applicant's academic record**
- **Class capacity**
- **Applicant's work and study, and self-management record**

Class capacity:

Where there are more applications for places in a class than there are places available, students will receive preference who meet the course pre-requisites, have a strong achievement record in the subject, have a sound work and study record, and have a sound self-management record.

Applicant's work and study, and self-management record:

If an applicant's record of achievement, application, and attitude in a subject in the past has been poor, and if that applicant's being permitted entry to a limited entry course were to mean the exclusion of a student with a more positive record, then the applicant with the poorer record is unlikely to gain entry to the subject.

Entry to all courses is confirmed at the beginning of the next School year.

At Darfield High School, there is a 'general rule' that students whose NCEA Level Two grades in a subject are 'Achieved' or better will normally do a full Year 13 Course. Students who do not meet this standard will need to discuss their options with their Dean. The possible results will be:

- a full Year 13 Course or
- a full Year 12 Course or
- a multilevel Course

SELECTING YOUR COURSE

Although a course of study in English is not required most students take such a course to extend their formal essay writing skills, skills which are required in many tertiary subjects.

The range of subjects from which Year 13 students can choose is wide. All courses are approved by the New Zealand Qualifications Authority and give students the opportunity to continue to study subjects that interest them, and to continue receiving a well-balanced education.

QUALIFICATIONS

The following qualifications are available:

NCEA LEVEL THREE

To be awarded NCEA Level Three a student must achieve 80 credits, 60 of which must be from Level Three standards. While there are no literacy or numeracy requirements for NCEA Level Three, any students intending to enter University will need to familiarise themselves with the literacy and numeracy requirements for University Entrance.

UNIVERSITY ENTRANCE

You qualify for entrance to a university in New Zealand if you have obtained:

- a minimum of 42 credits at Level Three or higher on the National Qualifications Framework, including a minimum of 14 credits at Level Three or higher in each of two subjects from an approved subject list, with a

further 14 credits at Level Three or higher taken from no more than two additional domains on the National Qualifications Framework or approved subjects.

- a minimum of 14 credits at Level One or higher in Mathematics or Pangarau on the National Qualifications Framework.
- a minimum of 8 credits at Level Two or higher in English or Te Reo Māori; 4 credits must be in Reading and 4 credits must be in Writing. The literacy credits will be selected from a schedule of approved achievement standards and unit standards.

Summary:

- 14 Credits at Level Three or higher in each of two approved subjects.
- 14 Credits at Level Three or higher in no more than two domains or approved subjects.
- 14 Credits in Mathematics at Level One or higher.
- 4 Credits at Level Two or above in Reading.
- 4 Credits at Level Two or above in Writing.

SCHOLARSHIP

- Students in a secondary school have the opportunity to win a Scholarship.
- Scholarship is a monetary award to recognize top students. It neither attracts credits nor contributes towards a qualification, but the fact that a student has gained a Scholarship will appear on the Record of Learning.
- The content assessed for Scholarship will be the same as that covered for level three achievement standards.
- Scholarship will enable students to be assessed against challenging standards, and will be demanding for the most able students in each subject. Scholarship students will again be expected to demonstrate high-level critical thinking, abstraction and generalization, and to integrate, synthesise and apply knowledge, skills, understanding and ideas to complex situations.

SCHOLARSHIP SUBJECTS

- Accounting
- Classical Studies
- Drama
- Economics
- English
- French
- Chinese
- Japanese
- Latin
- Te Reo Māori
- Spanish
- Geography
- German
- Graphics
- History
- Media Studies
- Music Studies
- Physical Education
- Mathematics with Calculus
- Statistics and Modelling
- Science

- Biology
- Chemistry
- Physics
- Art History
- Visual Arts
- Technology

SCHOLARSHIP AWARDS

Scholarship Awards recognise excellence for secondary school students.

The Scholarship Awards are:

Single Subject Awards

1 or 2 Scholarships

A 'one-off' award of \$500 per subject

Top Subject Scholar Award

For candidates who are top in one of the 27 Scholarship subjects.

\$2,000 each year for three years as long as candidates maintain a 'B' grade average in tertiary study.

Scholarship Award

For candidates who get three more Scholarships subjects.

\$2,000 each year for three years as long as candidates maintain a 'B' grade average in tertiary study.

Outstanding Scholar Award

For the top 40-60 candidates who get a minimum of 3 Scholarships with at least two at 'Outstanding' level or more than 3 Scholarships with at least one at Outstanding level.

\$5,000 each year for three years as long as candidates maintain a 'B' grade average in tertiary studies

Premier Award

For the very top 5 to 10 candidates who get at least three Scholarships at Outstanding level.

\$10,000 each year for three years as long as candidates maintain at least a 'B' grade average in tertiary studies.

For further information, see Mr Smart.

NATIONAL CERTIFICATE IN EMPLOYMENT SKILLS

(See Miss Kidd)

NATIONAL CERTIFICATE IN COMPUTING (LEVEL THREE)

(See Miss Blakemore)

NATIONAL CERTIFICATE IN AGRICULTURE (LEVEL TWO)

(See Mr Smith)

COMPULSORY ELEMENTS

All students must attend the compulsory programmes in Health.

English

COURSE **NCEA Level 3 English - A Course**

Credits and Assessment:

18 Internal Credits

9 External Credits

Entry Conditions:

Automatic: Year 13 students whose Level 2 English grades are all Merit or better, and who wish to pursue English as a domain subject for NCEA Level 3.

Discretionary (see Page 2)

What is the course about?

The course is primarily based upon developing skills of literary analysis using a modern novel, a variety of poetry, advanced visual text and unseen material.

There is also the need to develop skills analysing certain types of language, such as that used in advertising, political propaganda or changes in New Zealand English. Research skills are an important aspect of this course.

This Course leads to:

Completion of the requirements for entrance to University and other tertiary institutions.

Teacher in Charge:

Mrs Morgan

COURSE NCEA Level 3 English – B Course

Credits and Assessment:

12 Level 3 Internal Credits

This course does not offer enough credits for the subject to count as one of the two 14 credit subjects required for University Entrance.

Entry Conditions:

Open: Year 13 students whose Level 2 English grades are not all Merit or better, and who wish to pursue English as a minor subject for NCEA Level 3.

What is the course about?

This English Course aims to provide enjoyable and stimulating opportunities for students:

- to consolidate and extend their communication skills.
- to develop skills which will assist them to gain entry to tertiary education institutions or the work force.
- to develop a basis for confidence and facility

in the use of the language.

- to explore advanced facts of written, spoken and visual language.

This Course leads to:

Completion of the requirements for many NZQA Certificates. The course may also provide the option of completing credits required for entrance to university.

Teacher in Charge:

Ms Cooke

COURSE NCEA Level 3 ESOL

Credits and Assessment:

8-12 Internal Credits

Entry Conditions:

Any student for whom English is not their first language and who has completed a Year 12 ESOL course. Students are encouraged to do eight hours of ESOL.

What is the course about?

The course will continue to develop the four language skills (Speaking, Listening, Reading, Writing). In addition, it will offer both ESOL and English standards working toward the completion of Level 2 Literacy and University Entrance requirements.

This Course leads to:

Tertiary courses by achieving the literacy credits for University Entrance.

Cost:

Ring binder, refill, dividers (\$20)

Teacher in Charge:

Mr. Tsavousis

Mathematics

**COURSE NCEA Level 3
Mathematics - Statistics
and Modelling**

Credits and Assessment:

9 Internal Credits
15 External Credits

Entry Conditions:

Automatic: for students who have 14 or more credits from their NCEA Level 2 Mathematics Course.

Discretionary (see Page 2)

What is the course about?

Interpreting statistical information, carrying out a statistical investigation, using mathematical models and solving probability problems.

This Course leads to:

Tertiary study in Mathematics and is often required by students going onto tertiary study in life sciences, business or research of any kind.

Cost:

A workbook at approx. \$23 and a scientific or graphics calculator.

COURSE **NCEA Level 3 Calculus**

Credits and Assessment:

20 External Credits

Entry Conditions:

Automatic: for students who have Achievement Standards 2.1, 2.2 and 2.3 at Merit or Excellence level.

Discretionary (see Page 2)

What is the course about?

This course is about learning how to use integration and differentiation to solve problems, manipulating real and complex numbers and solving equations, sketching graphs and finding equations of conic sections and using numerical methods to solve problems.

This Course leads to:

Tertiary study in Mathematics and/or physical sciences, engineering or related fields.

Cost:

A workbook at approx. \$23 and a scientific or graphics calculator.

Teacher in Charge:

Mr Armstrong

COURSE **NCEA Level 3 Accounting**

Credits and Assessment:

5 Internal Credits
19 External Credits

Entry Conditions:

Automatic: for students who have 16 credits from NCEA Level 2 Accounting.

Discretionary (see Page 2)

What is the course about?

This course looks at Accounting processes and moves away from Sole Traders to Partnerships and Companies. Topics include: The conceptual basis of Accounting, Partnership and Companies Accounting, Management Accounting, and Analysis and Interpretation of Accounting reports.

This Course leads to:

A degree in Commerce or Business Studies or NZ Diploma in Business Studies.

Cost:

Workbook approx \$10

Teacher in Charge:

Ms Evans

Sciences

COURSE **NCEA Level 3 Biology**

Credits and Assessment:

14 External Credits
7 Internal Credits

Entry Conditions:

Automatic: for students who have achieved at least 15 credits for NCEA Level 2 Biology courses at Merit level or above.

Discretionary (see Page 2).

What is the course about?

This course develops skills and concepts further in preparation for tertiary studies. The Year 12 course largely looked at the patterns that exist in nature: this course spends time looking at many of the exceptions to these patterns!

Experimental design skills will be developed further by completing an investigation on an aspect of the niche of a rocky shore animal during our field trip to the Edward Percival Research Station at Kaikoura.

This Course leads to:

University

Cost:

Tutor Courseware Level 8 Biology Course Manual - \$35.

Teacher in Charge:

Mr Baars

COURSE **NCEA Level 3 Chemistry**

Credits and Assessment:

18 External Credits

2 Internal Credits

Entry Conditions:

Automatic: for students who have achieved at least 15 credits for NCEA Level 2 Chemistry courses at Merit level.

Discretionary (see Page 2).

What is the course about?

This course develops skills and concepts further in preparation for tertiary studies. Chemical families studied in Year 12 are briefly revisited and then extra examples are studied. The atom, and how its structure explains certain properties and trends of elements, is looked at in more detail.

This Course leads to:

University

Cost:

Continuing Chemistry NCEA Level 3 - \$35.

Teacher in Charge:

Mr Gerritsen

COURSE **NCEA Level 3 Physics**

Credits and Assessment:

5 Internal Credits

19 External Credits

Entry Conditions:

Automatic: for students who have 16 Credits from Level 2 Physics.

Discretionary (see Page 2)

What is the course about?

This course is a comprehensive course giving students an understanding of mechanics, waves, electromagnetic and modern physics.

This Course leads to:

University physics, engineering, armed services, medical intermediate and much more.

Cost:

Learning workbook \$30

Assessments Book \$10

Teachers in Charge:

Mr Cattell

Rural College

COURSE **NCEA Level 3 Agriculture**

Credits and Assessment:

24 - 30 Internal Credits

Entry Conditions:

Automatic: students who have successfully completed Rural College Year 2.

Discretionary: via Interview Selection Process.

What is the course about?

Rural College Year 13 is based around animal reproduction and genetics, plant pests and diseases, calving, and agrichemicals.

This Course leads to:

Lincoln Diploma of Agriculture

Cost:

\$250 paid in full or, in instalments by arrangement.

Teacher in Charge:

Mr Smith

Social Sciences

COURSE **NCEA Level 3 Geography**

Credits and Assessment:

12 Internal Credits

12 External Credits

Entry Conditions:

Open: Students who will be most successful will have well developed writing skills and a proven ability to collect and analyse information.

What is the course about?

This course looks at how a range of Natural Processes form the Bealey River Valley in Arthur’s Pass, and how the Cultural Processes of Tourism Development operate in the Queenstown region, and in the Gold Coast.

This Course leads to:

Successful geography students can look forward to careers in: city planning, environmental management, Geographic Information Systems , Travel and Tourism, and resource management.

Cost:

A field trip to Arthur’s Pass is part of this course and the cost for this will be approximately \$40.

Teacher in Charge:

Mr Johnston

COURSE **NCEA Level 3 History**

Credits and Assessment:

9 Internal Credits

15 External Credits

Entry Conditions:

Automatic: for students who have 16 History credits at Level 2 or 16 credits at Level 2 English (10 of these must be reading/writing standards).

Discretionary (see Page 2)

What is the course about?

Year 13 History studies Early Modern England 1558 – 1667 and also carries out a special study on the 1860s Otago Goldrush. There is also a focus on the following skills; interpreting sources, essay writing, and researching and presenting information.

This Course leads to:

University Level One History papers

Cost:

Write-On-Notes \$20

Arrowtown Field Trip approx. \$200-\$250

Teacher in Charge:

Miss Deans

COURSE **NCEA Level 3 Economics**

Credits and Assessment:

5 Internal Credits

19 External Credits

Entry Conditions:

Open: Students who have studied Economics at another level are at an advantage.

What is the course about?

This course builds on Year 12 Economics beginning with an analytical study of the market system now operating in NZ. Topic two gives a detailed view of the allocation of resources via the Public Sector allowing students to understand the role of the Government in the provision of goods and services. Finally, we study Aggregate Economic Activity and Policy which enables students to understand the workings of the economy as a whole and the

effects of Government Policy.

This Course leads to:

A degree in Commerce or Business Studies or NZ Diploma in Business Studies.

Teacher in Charge:

Ms Evans

Teacher in Charge:

Mr Smart

Arts

COURSE NCEA Level 3 Visual Art

NCEA Level 3 Painting
NCEA Level 3 Sculpture
NCEA Level 3 Printmaking
Scholarship

COURSE NCEA Level 3 Classical Studies

Credits and Assessment:

24 Internal Credits

18 External Credits

Students are expected to sit the three Unit Standard equivalents of the three externally assessed Achievement Standards as part of the formative assessment programme. If they pass both the Unit Standard and the Achievement Standard assessments, both results will be recorded.

Entry Conditions:

Automatic: for students who have 16 History credits at level 2 or 16 credits at Level 2 English (10 of these must be reading/writing standards).

Discretionary (see Page 2)

What is the course about?

Classical Studies is the study of the civilisations of classical Greece (and Rome) without the study of the classical languages, Greek and Latin.

This Course leads to:

Students gain experience of the connections that can exist between different intellectual disciplines and this experience and the skills it brings are assets to any tertiary study in any field.

Cost:

Approximately \$15.00 for revision text book.
\$15.00 for four Booklets, one on each topic.

Credits and Assessment:

6 Internal Credits

14 External Credits

Entry Conditions:

Automatic: for students who studied Level 2 Visual Art and achieved at least two of the Internal assessments. To enter scholarship in one discipline, students must have been working at an Excellence level in Level 2 Art.

Discretionary (see Page 2).

Please note: a student must take two of the above at Level 3 to study Fine Arts at some universities. For example, Canterbury University.

What is the course about?

Students will develop a proposal where they will explore, develop, and clarify works in their chosen field; Painting, Printmaking or Sculpture. Scholarship involves a further exploration of a students proposal and is submitted along with their external folio assessment.

This Course leads to:

A Fine Arts Degree, 2 or 3D Design, Architecture, Spatial Design, Digital and Photographic Art and or communications. Any study or career where students need to think conceptually and need creative skills.

Cost:

Painting - \$40.00. Along with specialty paints and brushes which are appropriate and sourced by the student.

Sculpture - \$40.00. Students will need to source

their own materials which are appropriate to their chosen subject matter.
Printmaking - \$90.00. This covers specialty inks, papers and printmaking mediums.
There will be a charge of approximately \$10 in Term 3 to cover panel and courier costs of the external assessment.

Teacher in Charge:
Miss Crocker

COURSE **NCEA Level 3 Drama**

Credits and Assessment:
14 Internal Credits
10 External Credits

Entry Conditions:
Open: students who have studied NCEA Level 2 Drama will have an advantage.

What is the course about?
The skills and techniques of acting developed at Level 2 will be extended in Level 3. There is a great opportunity for the creative performer in terms of devising and improvising with a solid research base. The onus can be on the individual in Level 3 Drama. There are still group performance opportunities but the student is now more responsible for the underlying processes and use of Drama elements, conventions and techniques.

This Course leads to:
A degree in Theatre Studies or Performing Arts; a career in performance or technical operation.

Cost:
Students are expected to attend at least two plays outside of school. The cost is dependent on the production and travel expenses.

Teacher in Charge:
Miss A Ward

COURSE **NCEA Level 3 Music**

Credits and Assessment:
19 Internal Credits
5 External Credits

Entry Conditions:
Discretionary: to those students who have achieved Level 2 credits.

What is the course about?
This advanced performance course provides for the student the perfect opportunity to develop practical skills to a University Entrance level and encourages the candidates to tutor an ensemble to a performance standard. Participation in school ensemble work is compulsory.

This Course leads to:
Tertiary studies

Cost:
\$17 Course booklet, assignments and discs. Additional charges for competitions and tours, as appropriate.

Teacher in Charge:
Ms Hayes

Languages

COURSE **NCEA Level 3 Japanese**

Credits and Assessment:
9 Internal Credits
15 External Credits

Entry Conditions:
Automatic: for students who have successfully studied NCEA Level 2 Japanese.
Discretionary (see Page 2)

What is the course about?
NCEA Level 3 Japanese teaches students to use language patterns spontaneously and to develop and support their points of view in Japanese.

This Course leads to:
Tertiary Level Japanese

Cost:
Work book-\$27.00 Language Perfect \$10.00

Teacher in Charge:
Miss Hayakawa

COURSE **NCEA Level 3 French**

Credits and Assessment:

9 Internal Credits
15 External Credits

Entry Conditions:

Automatic: for students who have 12 French credits at Level 2.
Discretionary (see Page 2)

What is the course about?

Students will further develop all language skills with the emphasis on ability to express a point of view. Topics studied will include: getting a job, immigration and social cohesion, new technologies, environmental issues and the study of a region of France.

This Course leads to:
Tertiary Level French

Cost:

Course Booklets: \$20.00
Subscription to Language Perfect - \$10.00

Teacher in Charge:
Ms Juhel

COURSE **NCEA Level 3 Te Reo Māori**

Credits and Assessment:

9 Internal Credits
15 External Credits

Entry: Conditions:

Automatic: for students who have successfully studied Te Reo Māori in Year 12.
Discretionary (see Page 2)

What is the course about?

NCEA Level 3 Te Reo Māori topics may include: the environment, the family, the world of work, the sporting world, risks and fears, literature – ngā kōrero o nehera, famous Maori, and waiata tawhito.

This Course leads to:
Tertiary Level Te Reo Māori

Cost:

Students will attend Ngā Manu Kōrero Speech Competition and a marae stay: cost \$50.00.
Te Māhuri textbook – approximately \$35.00.

Teacher in Charge:
Ms Williams

Technologies

COURSE **NCEA Level 3 Furniture Making**

Credits and Assessment:
25 Internal Credits

Entry Conditions:

Discretionary – must have successfully completed Level 2.

What is the course about?

Furniture Making. It is mainly practical with some written unit standards.

This Course leads to:

Polytech courses, various trades, Architecture.

Cost:

Captains Desk \$180, workbooks \$25. Payment invoiced as projects completed

Teacher in Charge:
Mr Chalk

COURSE **NCEA Level 3 Graphics**

Credits and Assessment:

15 Internal Credits
9 External Credits

Entry Conditions:

Automatic: for students who successfully completed NCEA Level 2 Graphics.
Discretionary (see Page 2)

What is the course about?

At Level 3 students will be expected to self direct their own work for the majority of the tasks. The course covers the main areas of graphic design but the project work is done in realistic contexts which require students working for real clients on a commercial footing both designing and presenting their work.

This Course leads to:

The course is aimed at students who are considering a career that includes some elements of graphic design and students going on to further education which has some design element.

Cost:

Workbook- \$5. Students will be required to purchase resources and equipment listed in the Graphics Student Equipment list.

Teacher in Charge:

Mr Nugent

COURSE NCEA Level 3 Digital Technologies

Credits and Assessment:

25 Internal Credits

Entry Conditions:

Automatic: for students who studied Level 2 Digital Technologies and achieved 18 or more credits.
Discretionary (see Page 2)

What is the course about?

Students will learn to use a variety of computer applications including: enter text, file management procedures, access, process and manage information and use design principles to produce documents and presentations. Students work towards the National Certificate in Computing at Level 3.

This Course leads to:

Tertiary institutions.

Cost:

\$5 per Unit Standard workbook (students may prefer to work off the computer)

Teacher in Charge:

Miss Blakemore

COURSE NCEA Level 3 Home Economics

Credits and Assessment:

18 Internal Credits
5 External Credits

Entry Conditions:

Automatic: for students who have successfully completed Level 2 Home Economics
Discretionary (see Page 2).

What is the course about?

This course explores food allergies and dietary needs, creative food presentation, planning food for the production, microbial activity in food, and globalisation. Each of the topics requires students to complete a written assignment as well as a practical cooking component.

This Course leads to:

Tertiary studies in nutrition, cheffing, baking and hospitality.

Cost:

\$25 - Students will be required to provide some ingredients for practical lessons.

Teacher in Charge:

Miss Waters

Physical Education, Health, and Sport

COURSE NCEA Level 3 Physical Education

Credits and Assessment:

24 Internal Credits

Entry Conditions:

Automatic: for students who have 16 Level 2 Physical Education credits.
Discretionary (see Page 2).

What is the course about?

Year 13 Physical Education is a demanding and challenging course in which students develop both their understanding of a physically active lifestyle and the skills required for such a lifestyle. Modules completed are rock-climbing, half marathon, and badminton.

This Course leads to:

Tertiary level courses in related subjects.

Cost:

Outdoor Education Module \$325.00. Half Marathon Module \$50.00. Coaches and Course Workbooks \$60.00. These prices are based on 2010 course costs and may vary slightly in 2011. Costs are also dependent on class size and changes in external providers. Total \$435.00.

Teacher in Charge:

Ms Tangney

COURSE Years 12 and 13 Outdoor Education

Credits and Assessment:

All standards are internally assessed.
Level 3: 4 Achievement Standard Credits
Level 3: 28 Unit Standard credits
Level 2: 9 Unit Standard credits

Entry Conditions:

Discretionary: any Year 12 or Year 13 student may apply.
Students must be physical fit and fully committed to all modules within the course and all opportunities that are provided. This will include overnight trips and some weekend activities.

What is the course about?

The Outdoor Education course is physically demanding and will require considerable time outside of school hours. This course will develop the students' understanding of the outdoors and the environment in which they live. They will

also learn to work as a team and work towards achieving both personal and group goals.

This Course leads to:

National Certificate in Outdoor Recreation.

Cost:

Rock Climbing \$350
Nordic Skiing \$300
Tramping \$100
Mountain Biking \$100
Nordic Skiing \$300

Teacher in Charge:

Mr Dickens

COURSE National Certificate in Employment Skills

Credits and Assessment

30 Level 1 Internal Credits
35 Level 2 Internal Credits

Entry Conditions:

Open entry

What is the course about?

Students will become confident in their employment rights and responsibilities, create their CV, learn formal interview skills, gain work experience and improve their communication skills.

Teacher in Charge:

Miss Kidd

BACKGROUND INFORMATION FOR CAREERS

- These represent only a small selection of possible careers and the requirements listed here are minimum ones.
- For further information see the careers staff and/or use the range of resources in the Transition suite.

CAREER	BACKGROUND REQUIRED
Accountancy - Degree	Entry to University. Competence in English expression and a formal knowledge of Mathematics with Statistics required. Accounting or Economics Studies is useful.
Agriculture - Degree	Entry to University. Mathematics, Biology and Chemistry required
Agriculture - Diploma	Completion of Year 12 & NCEA Level 2 recommended.
Architecture - Degree	Entry to University. Useful subjects at NCEA Level 3 include Mathematics, Physics, English and Art.
Architecture - Landscape Degree	Entry to University. English, Geography, Biology, Mathematics, Art and Design are useful subjects.
Architectural Draughting - Certificate	Completion of Year 12 & NCEA Level 2 in Mathematics and Physics. Preference is given to Year 12 & NCEA Level 2 Mathematics, Physics, Design Technology, Graphics and Computer Studies.
Armed Services	A wide range of careers is available with differing entry requirements.
Art, Fine Arts - Degree	Entry to University, completion of Year 13 & NCEA Level 3 Practical Art subjects and two NCEA Level 3 Non-Practical Art subjects.
Automotive Trades	NCEA Level One English and Mathematics. Useful subjects are Science, Graphics, Workshop Technology.
Banking - Certificate	Completion of Year 12 & NCEA Level 2 in four subjects.
Biotechnology - Degree	Entry to University. Useful subjects Mathematics, Calculus, Chemistry, Physics and Biology.
Broadcasting Communications - Degree (Journalism, Radio, Television Production)	Entry to University.
Building	NCEA Level One English, Mathematics. Woodwork or Furniture Making and Graphics an advantage.
Business Administration - Degree	Entry to University.
New Zealand Diploma in Business	Completion of Year 12 & NCEA Level 2 in four subjects or completion of Level 3 programme of study.
Childcare	Completion of Year 12 & NCEA Level 2 required.
Computer Science - Degree	Entry to University. Useful subjects at NCEA Level 3 include Mathematics (Calculus and Statistics) and English.
Computing - Degree	Entry to University.
Computing (Business) - Diploma	Completion of Year 12 & NCEA Level 2 including Mathematics and English.
Chef - Certificate	Completion of Year 12 & NCEA Level 2 preferred.
Dental Therapy - Diploma	Entry to University
Dentistry - Degree	Completion of Year 13 & NCEA Level 3 in Biology, Chemistry, English, Mathematics and Physics are required.
Design - Degree	Good NCEA Level 3 results. Specified portfolio of work.
Design - Diploma	Completion of Year 12 & NCEA Level 2 Portfolio of work.
Economics - Degree	Entry to University. Mathematics, English and Economics preferred.
Education - Degree	Entry to University.
Electrical Engineering - Technician	Completion of Year 12 & NCEA Level 2 in Mathematics, Science, Technology.
Electrical Engineering - Degree	Mathematics, Calculus, Science (especially Physics Year 13 Level - {NZCE}). Entry to University preferred.
Engineering - Degree (Civil)	Entry to University. High marks in NCEA Level 3 Mathematics (Calculus, Statistics), Physics, and Chemistry. Good skills in English.
Environmental Science	Entry to University. Biology, Geography, Chemistry, Statistics and English are useful.
Food Science - Degree	Entry to University. English, Mathematics and Basic Sciences are necessary.
Forestry - Degree	Entry to University. Good marks in NCEA Level 3 English, Mathematics, Biology and Chemistry.
Hairdressing - Certificate	Completion of Year 12 & NCEA Level 2 an advantage.
Horticulture - Degree	Entry to University. Biology, Chemistry, Mathematics required.
Horticulture - Diploma	Completion of Year 12 & NCEA Level 2 recommended.
Hospitality Management - Diploma	Age 18. Completion of Year 12 & NCEA Level 2 including English, Accounting, Economics and

	Keyboard Skills preferred.
Languages - Degree	Entry to University.
Law - Degree	Entry to University. <i>Highly competitive.</i>
Management - Degree	Entry to University. NCEA Level 3 Mathematics (Calculus and Statistics), Economics, Accounting and Computing highly desirable.
Medical Laboratory Science - Degree	Good NCEA Level 3 marks. Biology, Chemistry, English, and Mathematics recommended.
Medical Imaging - Degree	Entrance to University, including Mathematics (Statistics or Calculus), English and a Science subject.
Medicine - Degree	Good NCEA Level 3 marks. Biology, Chemistry, Mathematics (Calculus or Statistics), Physics and English are recommended. <i>Very competitive.</i>
Music - Degree	Entry to University. Music at Year 12 and 13 preferred.
Nursing - Degree	Entry to University. NCEA Level 3 English and a Science subject, preferably Biology.
Occupational Therapy - Degree	Completion of Year 13 & NCEA Level 3. <i>Highly competitive.</i>
Office Technology - Certificate	Unit Standards 101, 111 or TIM2.
Optometry - Degree	Entry to University.
Recreation Management	Entry to University.
Pharmacy - Degree	Good NCEA Level 3 results. Chemistry, Biology, Mathematics (Calculus or Statistics), Physics and English recommended.
Physical Education - Degree	Completion of Year 13 & NCEA Level 3. Biology recommended
Physiotherapy - Degree	Entry to University. Biology, Chemistry, Physics and Mathematics preferred.
Podiatry - Degree	Completion of Year 13 & NCEA Level 3. Useful subjects Biology, Physical Education and English
Police	Completion of Year 12 & NCEA Level 2.
Science - Degree	Entry to University. Mathematics with Sciences desirable.
Science - Diploma	Completion of Year 12 & NCEA Level 2 Biology, Chemistry and Mathematics.
Social Work - Degree	Entry to University.
Speech & Language Therapy - Degree	Entry to University. A Science background to NCEA Level 2 is recommended.
Surveying - Degree	Entry to University. Geography useful.
Surveying Quantity - Certificate	Completion of Year 12 & NCEA Level 2.
Teaching: Early Childhood, Primary	University Entrance. Completion of Year 12 & NCEA Level 2.
Teaching: Information Processing	The New Zealand Diploma in Business is a prerequisite.
Teaching: Physical Education	University Entrance. Completion of Year 12 & NCEA Level 2.
Teaching: Secondary	University Degree.
Tourism - Degree	Entry to University.
Travel & Business Technology	Completion of Year 12 & NCEA Level 2.
Veterinary - Degree	Entry to University. Completion of Year 13 & NCEA Level 3 Chemistry, Mathematics, Physics and Biology preferred. Good English skills.

Notes:

- 1 The subjects here are only a guide to what is needed to begin training. More detailed information can be obtained from the Careers Adviser.
- 2 Tertiary Institutions will offer different courses and entry requirements may differ.