

YEAR 11 COURSE OF STUDY

All students take a course in English, Mathematics, Science and either Physical Education (PED103), Study Skills or Career and Life Skills. Apart from these, students choose two additional options. Year 11 English, Mathematics and Science have three streamed courses (101, 102, 103). Students will be placed in the appropriate course depending on their performance in Year 10, including the end of year examinations. All subjects at Year 11 level are studied for five periods weekly, except for Physical Education (PED103), Study Skills and Career and Life Skills which are taken twice weekly. Students should read the entry requirements of their proposed subjects carefully.

Some students may take the six subject course and therefore choose three options. The details on this course are listed below.

The full list of Year 11 subjects is: (* indicates non NCEA Level 1 subject)

Art	ART101	Horticultural Science	HSC101
Chinese (Modern Standard)	CHI101	Hospitality	HOS103
Computer & Information Technology	CIT101	Japanese	JPE101
Computer Applications Technology	CAT102	Māori – Te Reo Māori	MAO101
Drama	DRA101	Materials Technology (Metal Based)	MTM103
Economics/Accounting	ECA101	Materials Technology (Wood Based)	MTW103
English Achievement Standards	ENG101	Mathematics Achievement Standards	MAT101
English Intermediate	ENG102	Mathematics Intermediate	MAT102
English Literacy	ENG103	Mathematics Unit Standards	MAT103
*English for Speakers of Other Languages (Elementary Level)	ESL100	Music	MUS101
English for Speakers of Other Languages (Intermediate Level)	ESL102	Physical Education Level 1	PED101
Food and Nutrition	FDN102	Physical Education & Recreation	PED102
French	FRE101	Physical Education (Core)	PED 103
Geography: The Environment & People	GEO101	Product Design Technology	PDT101
Graphics	GRA101	Science Achievement Standards	SCI101
Health Education	HED101	Science Intermediate	SCI102
History	HIS101	Science Unit Standards	SCI103
		Social Studies	SOS101
		Textile Technology	TTY102

How Does a Student Gain the Level 1 NCEA qualification?

A full time course in Year 11 will cover approximately 110 credits. In order to qualify for NCEA Level 1 a student must gain 80 credits. A student can obtain NCEA Level 1 with Merit or Excellence endorsements. A Merit endorsement requires 50 Level 1 (or above) credits at Merit or Excellence. An Excellence endorsement requires 50 Level 1 (or above) credits at Excellence.

Included in these 80 credits must be eight credits in Literacy (from any English course - ENG101, ENG102 or ENG103) or Te Reo Māori (MAO101) and eight credits in Numeracy (from either Mathematics course MAT101, MAT102 or MAT103). Students will be directed to the English, Mathematics and Science courses based on their overall performance in Year 10. The courses chosen will be matched to best suit the ability and needs of each student.

NCEA Level 1 courses consist of: some internal and a majority of external Achievement Standards (code 101), a combination of Achievement Standards and Unit Standards (code 102), or Unit Standards (code 103). More course details will be issued to students at the beginning of the year along with the general assessment procedure information that is included in the Assessment Booklet. Credits that count towards a student's NCEA Level 1 qualification can be obtained from Unit Standards or Achievement Standards.

The Year 11 Six-Subject Course

It is possible for a restricted number of students to study six subjects for NCEA Level 1 instead of five. Their course will include English, Mathematics and Science for four periods a week, and three other options for five periods a week. These students are exempt from Physical Education (103) and Study.

1. The school reserves the right to restrict entry to this course because of the demanding nature of the programme of study. An applicant's overall performance at Year 10 will be reviewed when selecting the six subject course.
2. Those admitted must continue to study six subjects throughout the year while they remain in the six subject course.
3. Some subject combinations are not available to students in this course. Students so affected must either choose different options or go into a five subject course.

ART – ART101

Qualification: NCEA Level 1.

Approximate Cost: Course fee \$30.00 plus personal materials as required, eg paint, brushes etc.

Entry Requirement: Completion of Year 9 Art preferred but not necessary.

Course Outline: The NCEA Level 1 Art course is a combination of externally moderated folio assessment and internally marked assessments.

This course includes the following Achievement Standards:

- AS90018 Research art and artworks from Māori and European traditions and their contexts (internal – 3 credits).
- AS90019 Use drawing processes and procedures (internal – 5 credits).
- AS90021 Extend ideas in other media and techniques (internal – 4 credits).
- AS90020 Generate and develop ideas in making artworks (Folio presentation, external – 12 credits).

The course runs as a seamless year's work, involving the disciplines of drawing, painting, printmaking, design, and sculpture.

Where Does It Lead? Specialist Art courses in Years' 12 and 13. Art also opens up opportunities in a huge range of creative enterprises, including photography, animation, architecture, film and design.

For Further Information See:
Mr S Eng, Mr H Knutson.

CHINESE (Modern Standard) CHI101

Qualification: NCEA Level 1.

Approximate Cost: None.

Entry Requirements: Year 10 Chinese or at the discretion of the HOD.

Course Outline: Year 11 revises and extends work studied in Year 10 and builds on this base. Topics studied will include: geography of China, travel, leisure activities, school-life, health, celebrations. Cultural aspects will be integrated with study of the language. Practice will be in groups and pairs. Audio, videos, computers and visual aids will be an integral part of study.

Where Does It Lead? Year 12 Chinese. Tertiary - intensive courses (full time) at polytechnic, university, or used in employment in the fields of business, tourism, education, banking, computing and telecommunication.

For Further Information See:
Mrs T Yee.

COMPUTER & INFORMATION TECHNOLOGY – CIT101

Qualification: NCEA Level 1.

Approximate Cost: Students are required to print out their work for assessment. This is achieved through a charge system using a Top-Up Card. Students can purchase print top-up cards from the office or library and must have their print account in credit at all times. These cards are available in \$1, \$2 and \$5 amounts.

Entry Requirements: Completion of 10CIT, 10CPG or by negotiation with the HOD.

Course Outline: This course consolidates and expands on skills and knowledge gained in Year 9 and 10 CIT/10CPG. The course enables students to make informed decisions regarding best software and methods to use for tasks they are likely to meet in their educational, personal and working careers.

The course includes opportunities to gain the following knowledge, understanding and skills:

- Integrating and using data in multiple applications eg information processing, document layout, image creation and manipulation.
- Using graphical interface programs to produce multimedia outcomes eg websites.
- Project management skills – brief development, planning, outcome development and evaluation.
- Problem solving, teamwork and communication skills.
- Research and design skills.

It is expected that students wanting to follow a career in Computer & Information Technologies will enrol in this course. Those students who have limited Information Technology skills should undertake the Computer Applications Technology course.

Where Does It Lead? Year 12 CIT – Multimedia or Year 12 CIT – Programming and Hardware.

For Further Information See:
Mrs B Clark.

COMPUTER APPLICATIONS TECHNOLOGY – CAT102

Qualification: NCEA Level 1.

Approximate Cost: Students are required to print out their work for assessment. This is achieved through a charge system using a Top-Up Card. Students can purchase print top-up cards from the office or library and must have their print account in credit at all times. These cards are available in \$1, \$2 and \$5 amounts.

Entry Requirements: Open entry.

Course Outline: This course focuses on developing a range of computing skills in a range of common software applications. Students will create and enhance documents, manipulate spreadsheets, develop design skills to produce printed and web media.

The course will help students to build confidence in text entry, techniques in computer graphic drawing, and an understanding of web layout and functionality.

This course is targeted at students who have not taken Computer & Information Technology subjects in prior years and/or who are interested in furthering computing skills from a basic level. Mainly unit standards are covered with one Information Management Achievement Standard.

Where Does It Lead? Year 12 Computer Applications Technology.

For Further Information See:
Mrs B Clark.

DRAMA – DRA101

Qualification: NCEA Level 1.

Approximate cost: \$70 includes two evening performances at the Court Theatre, a course workbook, a field trip and workshops.

Entry Requirement: Minimum of 50% overall mark in Year 10 Drama.

Course Outline: This is an introductory course based on Level 6 of the National Curriculum. The course is of particular use to Year 11 students who are interested in drama and who want to get academic recognition for the performances presented throughout the year.

A Portfolio of the year's work is kept and assessed. The assessment of practical skills and attitudes to

practical situations will form a major part of the total assessment.

The course involves four achievement standards, with an additional technical standard (1.5) provided for those students interested in extension work.

AS90007 - Use elements and conventions of drama to devise, structure and perform a drama (4 credits-internal).

AS90008 - Demonstrate knowledge and understanding of a particular theatre form through a practical presentation (3 credits- internal) - Melodrama.

AS90009 - Prepare and perform an acting role in a scripted production (4 credits- internal).

AS90010 - (Extension Task 1.5) Prepare and perform a technical role for a production (4 credits-internal).

AS90011 - Write about knowledge, processes and performance experiences in drama (5 credits-external).

Where Does it Lead? It allows students to discover their dramatic interest and can be seen as a springboard for senior drama courses. The basic skills and attitudes learned in drama are transferable and can be used through and beyond the Senior School. Students attaining 14 or more credits in this course can continue with Year 12 Drama.

For Further Information See:
Mrs S McLean.

ECONOMICS/ACCOUNTING ECA101

Qualification: NCEA Level 1.

Approximate Cost: \$30.00 (Workbooks, NCEA revision guide and exercise books).

Entry Requirements: Students must be doing Mathematics and English 101 or 102 courses.

Course Outline:

Economics

- AS90195 Consumer choice and demand.
- AS90197 Producer supply.
- AS90198 The market.
- AS90199 Sectors of the economy.

Accounting

- AS90024 Process financial information for a sole proprietor.
- AS90026 Prepare financial statements for a sole proprietor.
- AS90028 Analyse and interpret financial information for a sole proprietor.

This course gives students an insight into general economic and accounting fundamentals. Basic economic fundamentals are investigated and

practical accounting knowledge is studied. This course particularly suits anyone thinking of going into their own business as a sole trader (eg builder).

Where Does It Lead? Either or both of Year 12 Economics and Accounting.

For Further Information See:
Miss K McGuinness, Mr S Douce.

ENGLISH ACHIEVEMENT STANDARDS- ENG101

Qualification: NCEA Level 1.

Approximate Cost: Write-on course book and class materials \$18.00.

Entry Requirements: Students will be directed into this course based on their performance in Year 10.

Course Outline:

- Close reading skills.
- Literature studies.
- Writing for a wide variety of purposes.
- Development of the skills of speaking and listening and production of static images.

Where Does It Lead? Year 12 English Achievement Standards (ENG201) if entry requirements are met.

For Further Information See:
Ms L McNeill.

ENGLISH INTERMEDIATE ENG102

Qualification: NCEA Level 1.

Approximate Cost: Write-on course book and class materials \$18.00.

Entry Requirements: Students will be directed into this course based on their overall performance in Year 10.

Course Outline: The course is similar to the English Achievement Standards course, with one exception. A small number of Achievement Standards will be replaced with Unit Standards. However, all content areas remain the same.

Where Does It Lead: Year 12 English Achievement Standards (ENG201) or Intermediate (ENG202) courses if the entry requirements are met.

For Further Information See:
Ms L McNeill.

ENGLISH LITERACY ENG103

Qualification: NCEA Level 1.

Approximate Cost: \$5.00 for class materials.

Entry Requirements: Students will be directed into this course based on their overall performance in Year 10.

Course Outline: This course will comprise a selection of Level 1 Unit Standards which will go towards fulfilling the Literacy requirements of a Level 1 NCEA qualification. The content areas include reading, writing, speaking, listening, viewing and presenting.

Where Does It Lead? Year 12 English Literacy (ENG203) course where further achievement or unit standards can be taken to fulfil the Literacy requirements of a Level 1 or Level 2 NCEA qualification.

For Further Information See:
Ms L McNeill.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES – ESL100 (Elementary Level)

Course Length: One year (five periods per week).

Approximate Cost: \$50.00 – Grammar textbook.

Entry Requirements: This course is designed for students with an elementary to lower intermediate level of English. Students at any year level can enter this course. Most students in this class are on short study courses of one year or less.

Course Outline: This course aims to improve students' ability across all four skill areas: listening, speaking, reading and writing. A number of practical topics are studied to help students communicate effectively in everyday situations.

Topics studied may include: introduction to New Zealand, family life, food, shopping, sports and hobbies, transport, health and fitness. Subject support skills are also developed eg the language of mathematics, essay writing and research skills.

Where Does It Lead: To ESL102 (Intermediate Level) if student remains at Lincoln.

For Further Information See:
Mrs P Lancaster.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES – ESL102 (Intermediate Level)

Qualification: NCEA Level 1.

Approximate Cost: \$50.00 - Grammar textbook.

Entry Requirements: This course is designed for students with an intermediate level of English. Students at any year level can enter this course.

Course Outline: This course aims to improve students' ability across all four skill areas: listening, speaking, reading and writing.

Students develop the skills needed for academic study, such as reading comprehension, grammar and vocabulary studies, essay writing, formal writing, speaking to an audience, research and wide reading.

Where Does It Lead? To ESL202 (Upper Intermediate Level) or mainstream Year 12 English.

For Further Information See:
Mrs P Lancaster.

FOOD & NUTRITION – FDN102

Qualification: NCEA Level 1.

Approximate Cost: \$140.00 – this fee covers the cost of all pantry supplies used.

Entry Requirements: Open entry. Preference will be given to students who have completed Year 10 Food & Nutrition. Students taking this course may not enter HOS103 due to limited class sizes, unless HOD approval has been gained. Class size maximum 24.

Course Outline: The Food and Nutrition course includes the following areas of study:

- Human nutritional requirements.
- Making healthy food choices.
- Dietary requirements of adolescents.
- Meal planning.
- Practical work – food preparation to develop food handling skills, making family meals, using specialist kitchen equipment.
- Safe and hygienic food handling practices.

Where Does It Lead? Year 12 Food & Nutrition and Years 12 and 13 Hospitality. Gives a good foundation for Polytechnic Hospitality and catering courses, to the Degree of Consumer & Applied Science and other careers in the Hospitality & Food Industry.

For Further Information See:
Mrs A Walker.

FRENCH – FRE101

Qualification: NCEA Level 1.

Approximate Cost: Course fee \$3.00. French Magazine Subscription \$18.00, NCEA Workbook \$18.00.

Entry Requirements: Year 10 French.

Course Outline: The four skills of listening, speaking, reading and writing are further developed. The first six levels of the French Curriculum are covered or revised.

Students learn to communicate in French in a range of practical situations, as well as reporting on events in the past and expressing hopes and plans for the future.

Although not assessed, cultural aspects of the course are integrated in the topics, raising students' awareness and understanding of France and the French.

Where Does It Lead? Year 12 French. French language students have an advantage in employment involving travel and tourism. Language students have an advantage in careers demanding accuracy eg. computer work, and in their ability to think clearly and write precisely.

For Further Information See:
Mrs F Bamford.

GEOGRAPHY – GEO101 The Environment & People

Qualification: NCEA Level 1.

Approximate Cost: Field trips \$130.00, Skills notebook \$14.00.

Entry Requirements: Open entry.

Course Outline: Geography is the study of what happens when people and the environment meet. We anticipate a field trip to the West Coast. There are three main areas of study.

The Environment as a resource for people: How do people use, abuse and care for their environment.

Extreme Natural Events: What do people do when disasters occur? People's responses to natural disasters in New Zealand and around the world.

Practical Work: This course involves students working in the environment, looking at current issues

and conducting research in aspects of both physical and cultural Geography.

Where does it lead? Geography in Years 12 and 13. Careers in Resource Management, Planning, Surveying, Demographics, Travel. University and Polytechnic study.

Other subjects which may help students learning Geography are Science and Social Sciences like History and Social Studies.

For Further Information See:
Mr C Perry.

GRAPHICS – GRA101

Qualification: NCEA Level 1.

Approximate Cost: Materials fee \$10.00.

Entry Requirements: Completion of Year 10 Graphics or by negotiation with the HOD.

Course Outline: This course provides a variety of design and drawing experiences that are challenging and creative. A design brief approach is used throughout the course to ensure that students fully explore the design process, develop broad graphic communication skills and develop an appreciation of good design.

Skills in design analysis, conceptual sketching, design development and refinement, production drawing and presentation will be developed throughout this course.

Where Does It Lead? Graphics in Years 12, 13 and Scholarship. Polytechnic courses in; design, graphics, architectural draughting, CAD design, product design, media graphics, mechanical drawing, quantity surveying. University studies in; design, graphics, architecture, engineering, technology.

For Further Information See:
Mr E Wright.

HEALTH EDUCATION HED101

Qualification: NCEA Level 1.

Approximate Cost: Workbook \$20.00.

Entry Requirements: Students need to have been accepted into either ENG101, ENG102 or SCI101 or by negotiation with the HOD.

Course Outline:

- AS90061 Describe and apply concepts of and strategies for achieving well-being.

- AS90063 Describe changing states of health and strategies for managing these changes.
- AS90064 Understand skills required to enhance relationships and apply a problem-solving model.
- AS90065 Understand sexuality and describe strategies for enhancing sexual well-being.
- AS 90066 Demonstrate understanding of issues relating to drug use.

Health aims to enhance well-being for self, others and society. Students are encouraged to develop knowledge and skills to make health-enhancing choices.

Where Does It Lead? Year 12 Health Education (to be introduced 2011). Students may also qualify for entry into Level 2 Physical Education courses (PED201, PED203).

This course is designed for students interested in the Health Industry. Career options also include social work, teaching, nursing, health promotion, dietician, community health and many more.

For Further Information See:
Ms M Lynch,

HISTORY – HIS101

Qualification: NCEA Level 1.

Approximate Cost: None.

Entry requirements: Open entry.

Course Outline: Students will study three topics:

- Black Civil Rights in the USA, 1954-1970.
 - Origins of World War II, 1919-1941.
 - Revolutionary leadership: USSR 1922-1957.
- Students will also complete complete pupil-centred research, which may include 'The Holocaust, 1933-1945.'

The focus of the Year 11 (Level 1) History is intended for students who have an interest in Conflict, Politics, Human Rights and Sociology. The other subjects which provide learning that helps History students deepen their understanding of the processes and topics studied in History include, Social Studies and Geography.

Where Does It Lead: Year 12 History. Students considering a career in any field which requires report writing, unbiased opinion, analytical and logical thought will find this subject beneficial. Careers include: - Law, Journalism, Teaching, Tourism, Public Relations, Libraries and Government Departments.

For Further Information See:
Mr S Gilpin.

HORTICULTURAL SCIENCE HSC101

Qualification: NCEA Level 1.

Approximate Cost: Course fee \$25.00 (includes student workbook.) Recommended revision book \$15.00.

Entry Requirements: Open entry. In exceptional circumstances, at the discretion of the HOD Science, this could count as the compulsory Science course. Students taking this course cannot also enter the other Horticultural Science course (HSC103) in Year 11.

Previous study or practical experience in Horticulture or Agriculture is helpful but not essential.

Course Outline: This is mainly an Achievement Standards course. Topics covered will be:

- Plant propagation - AS90745 (2 credits).
- Soil Management – AS90158 (4 credits).
- Landscape design – AS90175 (2 credits).
- Primary production and effect on environment. – AS90160 (2 credits).
- Practical Skills – AS90157 (4 credits).
- Practical Investigation – AS90156 (4 credits).
- Garden establishment and maintenance - US1 (5 credits).
- ATV safety – This is a practical and theoretical course which is carried out and assessed by the National Trade Academy. Students can obtain Unit Standards from this course.

Students will be expected to participate in three days of work experience in a Horticultural field which interests them. This course is designed for highly committed students.

Where Does It Lead? Year 12 Horticultural Science. Tertiary - Lincoln University, Massey University, polytechnics. Possible employment in the following fields:- nursery apprenticeship, cadet schemes, forestry, farms, plant research, landscape architects, soil scientist.

For Further Information See:
Mrs J Engel.

HOSPITALITY – HOS103

Qualification: NCEA Level 1.

Approximate Cost: \$160.00 – this fee covers the cost of all pantry supplies used and \$65.00 for assessment workbooks.

Entry Requirements: Preference will be given to those who have completed Year 10 Food and Nutrition. Students doing this course may not enter

FDN102 due to limited class sizes unless HOD approval is gained. Class size maximum 24.

Course Outline: This course introduces students to the needs and demands of working in the Hospitality Industry. It covers a range of topics that will provide the basis for chef skills and working in a commercial kitchen. Topics include:

- Food hygiene and safety.
- Food preparation and presentation.
- Cooking methods used in a commercial kitchen.
- Kitchen serving and storage of food.

Where Does It Lead? Year 12 and 13 Hospitality. Gives a good foundation for Polytechnic Hospitality and catering courses, to the Degree of Consumer & Applied Science and other careers in the Hospitality & Food Industry.

For Further Information See:
Mrs A Walker.

JAPANESE – JPE101

Qualification: NCEA Level 1.

Approximate Cost: Topic Workbooks \$16.00, Vocabulary Booklet \$15.00.

Entry Requirements: Completion of Year 10 Japanese or by negotiation with the HOD.

Course Outline: Topics studied in Years 9 and 10 will be revised and consolidated, with vocabulary, grammar and kanji extended to NCEA Level 1. (Level 6 of the National Japanese Curriculum.) Hiragana and katakana characters will be used daily alongside 50 kanji characters, to enable students to write and read with reasonable fluency.

Where Does It Lead? Level 2 Japanese. A knowledge of Japanese may help in a job with companies which deal with Japan, or in the Tourist Industry. A language complements any occupation.

For Further Information See:
Mrs R Austen.

MĀORI – MAO101 Te Reo Māori

Qualification: NCEA Level 1.

Approximate Cost: Field trips or a Marae visit - \$40.00 (subject to availability).

Entry Requirements: Completion of Year 10 Māori or by negotiation with the HOD.

Course Outline: Tēnā koutou e ngā rau rangatira o ngā hau e whā. During this course students will continue to build on their confidence and abilities as a student of the Māori language. The course will focus on developing the student's skills in listening, speaking, reading and writing in te reo Māori. Topics covered will include:

- Ngā Haere Whakangahau.
- Ō Mātou Whanaunga
- Tōku Kura
- Tōku Tūrangawaewae
- Te Reo o ngā Tīpuna
- Ngā Manu Kōrero

Where Does It Lead? Year 12 Māori. Career opportunities for students who have studied Māori include - education, government departments, television & radio broadcasting, tourism, as well as, any job that may require bilingual skills or bicultural understanding.

For Further Information See:
Mr M Jennings.

MATERIALS TECHNOLOGY (METAL BASED) – MTM103

Qualification: NCEA Level 1.

Approximate Cost: Materials fee \$120.00. Any extra materials will be charged accordingly.

Entry Requirements: Completion of Year 10 Materials Technology. Class maximum: 24.

Course Outline: Materials Technology metal is a course embracing skills in related research, design and practical work. The course will suit students who wish to be creative and inventive with metal and allied materials based in a metal workshop environment. Project briefs will encourage students to develop a range of practical skills as the solutions are created. The design process will be used to develop, make and evaluate ideas and students will be encouraged to self evaluate their own performance.

Where Does It Lead? Year 12 Materials Technology Metal or Wood leading to Polytechnic courses in design and craft; Polytechnic courses in metal based trade industries and metal related employment opportunities.

For Further Information See:
Mr E Wright.

MATERIALS TECHNOLOGY (WOOD BASED) – MTW103

Qualification: NCEA Level 1.

Approximate Cost: Materials fee \$120.00. Any extra materials will be charged accordingly.

Entry Requirements: Completion of Year 10 Materials Technology or by negotiation with the HOD. Class maximum: 24.

Course Outline: Materials Technology wood is a course embracing skills in related research, design and practical work. The course will suit students who wish to be creative and inventive with wood, metal and allied materials based in a wood workshop environment. Project briefs will encourage students to develop a range of practical skills as the solutions are created. The design process will be used to develop, make and evaluate ideas. Students will be encouraged to self evaluate their own performance.

Where Does It Lead? Year 12 Materials Technology Wood course leading to Polytechnic courses in the building industry; Year 12 Materials Technology Metal course leading to Polytechnic courses in metal based trade industries; Polytechnic courses in design and craft and wood related employment opportunities.

For Further Information See:
Mr E Wright, Mr A Grace.

MATHEMATICS ACHIEVEMENT STANDARDS – MAT101

Qualification: NCEA Level 1.

Approximate Cost: Homework book \$18.00 and \$80.00 for a Graphics Calculator.

Entry Requirements: Students will be directed into this course based on their overall performance in Year 10 Mathematics.

Course Outline: The course is based on the New Zealand Mathematics curriculum. The content is divided into these content areas: number, measurement, geometry, algebra and statistics. Problem solving strategies and mathematical communication will be taught and used throughout the year.

Where Does It Lead? Year 12 Mathematics Achievement Standards (MAT201) if entry requirements are met.

A large number of jobs and further education courses require a minimum of three years of Mathematics.

For Further Information See:

Mr M Howard.

MATHEMATICS INTERMEDIATE MAT102

Qualification: NCEA Level 1.

Approximate Cost: Homework Book \$18.00 and \$80.00 for a Graphics Calculator.

Entry Requirements: Students will be directed into this course based on their overall performance in Year 10 Mathematics.

Course Outline: The course is similar to the Mathematics Achievement Standards course, except some of the Achievement Standards have been replaced with Unit Standards to reduce the examination pressure at the end of the year. All of the content areas remain the same.

Where Does It Lead? Year 12 Mathematics Achievement Standards (MAT201) or Intermediate (MAT202) courses if entry requirements are met. A large number of jobs and further education courses require a minimum of three years of Mathematics.

For Further Information See:

Mr M Howard.

MATHEMATICS UNIT STANDARDS – MAT103

Qualification: NCEA Level 1.

Approximate Cost: None.

Entry Requirements: Students will be directed into this course based on their overall performance in Year 10 Mathematics.

Course Outline: The intention of this course is to provide a Mathematics course allowing students to obtain the 8 credit numeracy component of NCEA, which is a compulsory component for the awarding of the Level 1 NCEA qualification, as well as the 14 credit numeracy component required for University Entrance.

The units will be predominantly Level 1 Unit Standards, with some Level 1 Achievement Standards also being studied.

Where Does It Lead? Year 12 Mathematics Unit Standards course (MAT203) if entry requirements are met. Entry to MAT202 is at HOD discretion. NB: the

Mathematics Unit Standards course is aimed at providing students with an understanding of mathematical concepts needed in various job scenarios. A large number of jobs and further education courses require a minimum of three years of Mathematics.

For Further Information See:

Mr M Howard.

MUSIC – MUS101

Qualification: NCEA Level 1.

Approximate Cost: Visiting performing groups \$30.00.

Entry Requirements: Students must be learning instrument/voice at school or privately. It is preferable to have done Year 10 music. Some prospective students may need to be interviewed by the HOD before choosing this option.

Course Outline:

- Performance: Solo, Group (AS90012, AS90013).
- Composition: Creative music - the craft of composition (AS90014).
- Aural Skills: Developing skills in all the elements of music (AS90015).
- Music Works: Demonstrate knowledge of important works by established composers over a wide range of styles (AS90017).
- Score Reading: Identify and explain fundamental materials of music (AS90016).
- Music Technology: PA systems and recording.

Where Does It Lead? Year 12 Music.

For Further Information See:

Ms B McKay.

PHYSICAL EDUCATION LEVEL 1 – PED101

Qualification: NCEA Level 1.

Approximate Cost: Field Trips \$150.00, course books \$20.00.

Entry Requirements: Students need to have been accepted into either ENG101 or SCI101, or by negotiation with the HOD. Students taking this course may not enter the Physical Education & Recreation Level 1 courses (PED102 and 103).

Course Outline: The following Standards will be studied (24 credits):

- 90067 Participate in physical activities and describe how this influences hauora/wellbeing.

- 90068 Demonstrate knowledge of body structure and function related to performance of physical activity.
- 90524 Demonstrate quality movement in the performance of a physical activity.
- 90070 Explore how the body is portrayed in physical activity.
- 90071 Demonstrate interpersonal skills and describe their effects on the functioning of a group or team.
- 90525 Examine the quality of movement in performance of a physical activity.

A range of practical activities, sports, games and pursuits will be covered. Written work is part of the course. This course is designed for highly committed Physical Education students who aspire to careers within the Physical Education and Recreation Industry.

Where Does It Lead? Year 12 Physical Education courses.

For Further Information See:
Mr R James.

PHYSICAL EDUCATION & RECREATION – PED102

Qualification: NCEA Level 1.

Approximate Cost: Field trips and professional instruction \$75.00, workbook \$10.00.

Entry Requirements: Open Entry. Students taking this course may not enter PED101 or PED 103. This course is best suited to students who have an interest in a career within the Physical Education and Recreation Industry.

Course Outline: This course caters for those students interested in developing skills in the sport and recreation industry. The following standards will be studied (16 credits):

- US505 Manage personal fitness.
- US12527 Participate in different physical activities.
- US12530 Participate in different team sports.
- US12537 Assist others to participate in physical activity.
- US14235 Examine concepts, influences and choices for achieving wellbeing.
- US12532 Participate in different individual sports.
- AS90524 Demonstrate quality of movement in the performance of a physical activity.
- AS90071 Use strategies to develop interpersonal skills in a group or team.

A range of practical activities, games and sports will be covered.

Where Does It Lead? Year 12 Physical Education and Recreation (PED203). Students may also qualify for entry into Year 12 Physical Education (PED201), with HOD approval.

For Further Information See:
Mr R James.

PHYSICAL EDUCATION (CORE) LEVEL 1 – PED103

Qualification: NCEA Level 1.

Approximate Cost: Workbook \$10.00.

Entry Requirements: Open entry. Students taking this course may not enter PED101 or PED102. This is a 2 period/week course (instead of study). NB This is not available for students taking 6-subjects.

Course Outline: The following standards will be studied (8 credits)

- US12527 Participate in different physical activities.
- US12530 Participate in different team sports.
- AS90524 Demonstrate quality movement in the performance of a physical activity.

A range of practical activities, sports and games will be covered. This course is designed for students who are keen to be physically active.

Where Does it Lead? Year 12 Physical Education and Recreation (PED203). Students may also qualify for entry into Year 12 Physical Education (PED201), with HOD approval.

For Further Information See:
Ms M Lynch.

PRODUCT DESIGN TECHNOLOGY – PDT101

Qualification: NCEA Level 1

Approximate Cost: Materials Fee \$120.00. Any extra materials will be charged accordingly.

Entry Requirements: Completion of Year 10 Materials Technology Wood or Metal. A strong desire to become involved in a workshop environment and be inventive, creative and self motivated. Class size maximum 24.

Course Outline: Students follow the process of developing a product from an issue as it would happen in industry. Students fully research a given issue to develop a brief. The brief is then used to research existing products and develop ideas through to a solution. They then make and present the final

product. Students will learn to establish and use planning for their time and resources, evaluate products and their own solutions. Gathering knowledge is an important part of the process, through product research, communication with stakeholders, material research and testing. In the latter part of the year students develop knowledge of products for ongoing production.

Where Does It Lead? The course is designed for those who may want to progress into engineering, project management, industrial design and product design at University.

- Year 12 & 13 Product Design Technology.
- Year 12 Materials Technology Metal.
- Year 12 Building/Carpentry course.
- Polytechnic courses in design, craft and trades.
- University courses in engineering and technology, project management, production and product design.

For Further Information See:
Mr E Wright

SCIENCE ACHIEVEMENT STANDARDS – SCI101

Qualification: NCEA Level 1.

Approximate Cost: Course Manual \$20.00, recommended revision book \$22.00.

Entry Requirements: Students will be directed into this course based on their overall performance in Year 10.

Course Outline:

- Carry out a practical science investigation with direction (AS90186).
- Describe aspects of biology (AS90188).
- Describe aspects of chemistry (AS90189).
- Describe aspects of physics (AS90191).
- Describe aspects of astronomy (AS90192).

Assessment: There is one internal achievement standard assessment during the year, with four external assessments at the end of the year. A total of 21 Level 1 NCEA credits are available.

Where Does It Lead? Year 12 Horticulture Science, Biology, Chemistry, Electronics, Physics and Science (SCI201) if the entry requirements have been met.

For Further Information See:
Miss G Barrett.

SCIENCE INTERMEDIATE SCI102

Qualification: NCEA Level 1.

Approximate Cost: Course Manual \$15.00.

Entry Requirements: Students will be directed into this course based on their overall performance in Year 10.

Course Outline: Students are offered 20 credits from a range of Unit Standards covering aspects of Biology, Chemistry and Physics. In addition, students may opt into certain Achievement Standards offered.

Where Does It Lead? Year 12 Horticulture Science, Biology, Chemistry, Electronics, Physics and Science (SCI201) if the entry requirements have been met.

For Further Information See:
Miss G Barrett.

SCIENCE UNIT STANDARDS SCI103

Qualification: NCEA Level 1

Approximate Cost: Course manual \$15.00.

Entry Requirements: Students will be directed into this course based on their overall performance in Year 10.

Course Outline:

- 11 Unit Standards totalling 22 credits will be offered.

Assessment: There are 11 internal Unit Standard assessments during the year. There are no external examinations at the end of the year.

Where Does It Lead? Level 2 Horticultural Science, Level 2 Electronics or Year 12 Science Unit Standards (SCI203) only, provided that entry requirements have been met students gaining 10 or more credits may study Level 1 Achievement Standards (SCI101).

For Further Information See:
Miss G Barrett.

SOCIAL STUDIES – SOS101

Qualification: NCEA Level 1.

Approximate Cost: Field trips \$30.00.

Entry Requirements: Open entry.

Course Outline: Social Studies is intended for students with an interest in Psychology, Sociology, Anthropology and Political Science. Topics are:

- Shop till you drop – consumerism, a change in society.
- Soldiers of Terror – differing ways of participating in Society.
- Change Makers. Student research focused on change in Society.
- Love Honour & Obey – change in ways of formalising relationships.

Other subjects offered at Lincoln High School, which help to add to the understanding of Social Studies knowledge and processes include History and Geography.

Direct investigation and contact with people and organisations is important in this subject. Field trips are an integral part of our learning. It is possible that one of these field trips per year level will involve overnight stays and travel out of the Canterbury region. Notice of these trips will be given at least one term in advance. Alternative arrangements will be made for those students who are unable to join in on a field trip such that they will not miss out on any associated assessment opportunities.

Where does it lead? Courses and careers in areas that deal with the needs of people and society such as careers in Health Sciences, Education, Social Services, Armed Services and Government Agencies.

For Further Information See:
Ms K Wilson.

TEXTILE TECHNOLOGY TTY102

Qualification: NCEA Level 1.

Approximate Cost: \$45.00. This fee covers the cost of some printing and stationery materials and sewing notions. Patterns and fabric for garments need to be purchased separately.

Entry Requirements: Year 10 basic sewing skills base is helpful but not essential.

Course Outline: Textile Technology has internal assessment which includes skills in design and garment construction. They have the opportunity to enter national competitions to build a port folio.

Where Does It Lead? This course will lead towards: Design and marketing opportunities, the ability to enter local or national competitions in garment design or constructions, Textile Technology in Year 12, Polytechnic Fashion and Design Courses, University Design courses and private Fashion Schools.

For Further Information See:
Mrs A Walker