

Upper Hutt College



Course Selection Handbook 2020 Year 11, 12, 13



How to Use this Booklet

Please start by going through the introduction section so you are aware of the process you need to go through for subject selection and the pathways your subjects and potential careers will follow.

Complete the **Choosing your Subjects template** before you enter your subject selections either on-line via the KAMAR Portal on the school website.

www.upperhutt.school.nz OR on the Course Selection sheets provided.

Helpful Hint:

On the following contents page click on the blue title and you will be taken straight to the relevant subject page in the booklet.

CONTENTS

[CONTENTS](#)

[INTRODUCTION](#)

[CHOOSING YOUR SUBJECTS](#)

[START YOUR PLANNING](#)

[SUBJECT PATHWAYS: YEAR 11 -13 SUBJECTS](#)

[QUALIFICATIONS IN THE SENIOR SCHOOL](#)

[THE NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT \(NCEA\)](#)

[USING CREDITS TO GAIN MORE THAN ONE QUALIFICATION](#)

[STUDENT CREDITS RECORDED IN THE RECORD OF LEARNING](#)

[VOCATIONAL PATHWAYS](#)

[CAREERS VOCATIONAL PATHWAYS GLANCE](#)

[UNIVERSITY ENTRANCE REQUIREMENTS](#)

[COMMERCE](#)

Level 1	Commerce (Business Studies & Economics combined)	(CMM101)
Level 2	Commerce (Accounting, Business Studies & Economics combined)	(CMM201)
	Financial Literacy Skills	(FLT201)
Level 3	Commerce (Accounting, Business Studies & Economics combined)	(CMM301)

[DANCE](#)

Level 1	Dance	(DAN101)
Level 2	Dance	(DAN201)
Level 3	Dance	(DAN301)

[DRAMA](#)

Level 1	Drama	(DRM101)
Level 2	Drama	(DRM201)
Level 3	Drama	(DRM301)

[ENGLISH](#)

Level 1	English	(ENG101)
	Visual English	(ENG102)
	Communication English	(ENG103)
Level 2	English	(ENG201)
	Visual English	(ENG202)
	Communication English	(ENG203)
Level 3	English	(ENG301)
	Visual English	(ENG302)
	Communication English	(ENG303)

[ESOL](#)

Level 1	English for Academic Purposes	(EAP101)
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[HEALTH](#)

Level 1	Health	(HEA101)
Level 2	Health	(HEA201)
Level 3	Health	(HEA301)

LANGUAGES

Japanese	Level 1	Japanese	(JPN101)
	Level 2	Japanese	(JPN201)
	Level 3	Japanese	(JPN301)
Spanish	Level 1	Spanish	(SPA101)
<u>Maori</u>	Level 1	Maori	(MAO101)
	Level 2	Maori	(MAO201)
	Level 3	Maori	(MAO301)

MATHEMATICS

Level 1	Mathematics	(MAT101)
	Internal Mathematics	(MAT102)
	Mathematics with Unit Standards	(MAT103)
Level 2	Mathematics	(MAT201)
	Internal Mathematics	(MAT202)
Level 3	Mathematics with Calculus	(MAT301)
	Mathematics with Statistics	(MAT302)
	Mathematics with Statistics	(MAT303)

MEDIA STUDIES

Level 2	Media Studies	(MED201)
Level 3	Media Studies	(MED301)

MUSIC

Level 1	Music	(MUS101)
Level 2	Music	(MUS201)
Level 3	Music	(MUS301)

PATHWAYS

	Level 1	Pathways	(PAT101)
	Level 2	Pathways	(PAT201)
	Level 3	Pathways	(PAT301)
Future Pathways	Level 2	Future Pathways	(FUT201)
Gateway	Level 2	Gateway	(GTW201)
	Level 3	Gateway	(GTW301)
Retailing	Level 2	Retailing	(RET201)
	Level 3	Retailing	(RET301)

PHYSICAL EDUCATION

Level 1	Physical Education	(PED101)
	Physical Education	(PED102)
	Physical Education	(PED201)
Level 2	Adventure Education	(ADV201)
	Sport & Leadership	(SPL201)
	Physical Education	(PED301)
	Community Sports Leadership	(CSL301)
	Adventure Education	(ADV301)
Level 3	Sports Performance	(SPO301)

SCIENCE

Biology	Level 1	Science	(SCI101)
		Science	(SCI102)
	Level 1	Biology	(BIO101)
	Level 2	Biology	(BIO201)
Chemistry	Level 3	Biology	(BIO301)
	Level 2	Chemistry	(CHE201)
	Level 3	Chemistry	(CHE301)
Physics	Level 2	Physics	(PHY201)
	Level 3	Physics	(PHY301)

SOCIAL SCIENCES

<u>Geography</u>	Level 1	Geography	(GEO101)
	Level 2	Geography	(GEO201)
	Level 3	Geography	(GEO301)
<u>History</u>	Level 1	History	(HIS101)
	Level 2	History	(HIS201)
	Level 3	History	(HIS301)
Tourism	Level 2	Tourism	(TOU201)
	Level 3	Tourism	(TOU301)
Classical Studies	Level 3	Classical Studies	(CLA301)

TECHNOLOGY

Digital Technology

Level 1	Digital Technology	(DGT101)
	Digital Technology	(DGT102)
Level 2	Digital Technology	(DGT201)
Level 2	Computer Studies	(COM201)
Level 3	Digital Technology/Computer Studies	(DGT301)

Design & Visual Communication

Level 1	Design & Visual Communication	(DVC101)
Level 2	Design & Visual Communication	(DVC201)
Level 3	Design & Visual Communication	(DVC301)

Food Technology

Level 1	Food & Nutrition	(FON101)
Level 2	Food & Nutrition	(FON201)
Level 3	Food & Nutrition	(FON301)

Building and Construction

Level 1	Building and Construction	(BCO101)
Level 2	Building and Construction	(BCO201)
Level 3	Building and Construction	(BCO301)

Hospitality & Catering

Level 1	Hospitality & Catering	(HOC101)
Level 2	Hospitality & Catering	(HOC201)
Level 3	Hospitality & Catering	(HOC301)

Mechanical Engineering

Level 1	Mechanical Engineering	(MET101)
Level 2	Mechanical Engineering	(MET201)

Textiles

Level 1	Textiles	(TET101)
Level 2	Textiles	(TET201)
Level 3	Textiles	(TET301)

VISUAL ARTS

Level 1	Visual Art	(ART101)
Level 2	Visual Art – Painting & Printmaking	(APA201)
	Visual Art – Design	(ADE201)
Level 3	Visual Art – Painting & Printmaking	(APA301)
	Visual Art – Design	(ADE301)

Photography

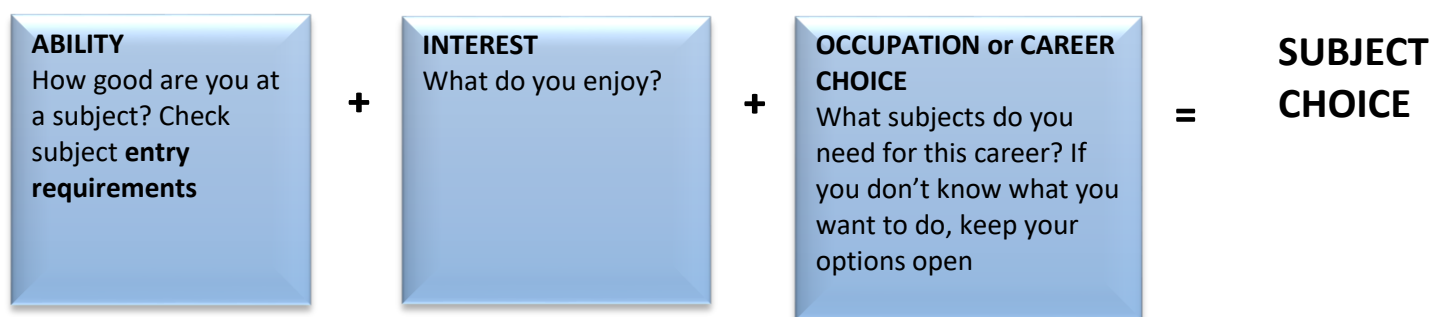
Level 2	Visual Art – Photography	(PHO201)
Level 3	Visual Art – Photography	(PHO301)

INTRODUCTION

This booklet has been produced to help you select the subjects you will study in the following year. It is very important that you select carefully – your future may depend on it. The further you go in the senior school, the more difficult it becomes to change that direction. The very best advice is to keep as broad a range of subjects as possible for as long as possible.

Guidelines for Choosing Senior Subjects

- Keep your options open – choose a spread of courses
- Do something you like, that you are good at and that you are interested in
- Discuss your options with your parents, whanau, teachers, Dean or the Careers Advisor
- To study a particular subject at Year 12 or Year 13 level it is often necessary to have taken it, or a related subject, in the previous year
- Think about what you will be studying in the future beyond school and what is required at tertiary institutions. Do the subjects meet the university entrance requirements?
- Will you meet the course **entry requirements** for the subjects you have chosen?



Helpful Career Information

Use the Careers linked to at a Vocational Pathways pages of this booklet to find out detailed information careers and the pathways they belong to. Click on the job as it is hyperlinked straight to the Careers New Zealand website. Other useful websites include:



CHOOSING YOUR SUBJECTS

What do I need to do?

I have
done this
✓

Form
Teacher
Check
✓

Follow the steps below to complete your subject choices:

Step 1	Complete the planning sheet on the next page		
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Step 2	Ask your subject teachers: <ul style="list-style-type: none"> Do they recommend you continue with the subject? Can you meet the pre-requisites or entry requirements 		
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Step 3	Discuss your choices with your Parents/Caregivers/Careers Staff/Deans <ul style="list-style-type: none"> What are the costs involved? Choose for you not what your friends are doing 		
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Step 4	Check: Check the Subject Pathways on page 9 do your subjects lead to further choices. <ul style="list-style-type: none"> Can you gain entry to the subject you choose? 		
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Step 5	Check: <ul style="list-style-type: none"> Do your subject choices open up or close down possible career choices for you? 		
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Step 6	Check: If you are planning to go to University or a Polytechnic: <ul style="list-style-type: none"> Do you have the right subjects to apply for the course you might like to study? Do you have the correct credits to be eligible for U.E 		
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Step 7	Fill in the grid below to help plan your future course of study.		
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Year 11

English (Compulsory)	Mathematics (Compulsory)	Science (Compulsory)			
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Year 12

English (Compulsory)					
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Year 13

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Step 8	Fill in all parts of Subject Choice Form online through the KAMAR Portal <i>Make sure you get it in on time to ensure you have the best chance of getting the course you want to take.</i>		
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START YOUR PLANNING

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SUBJECT PATHWAYS: YEAR 11 – 13 SUBJECTS

	YEAR 11	YEAR 12	YEAR 13
ENGLISH	<i>ENGLISH 101 or ENGLISH 102 INTERNAL ENGLISH 103 or ESOL</i>	<i>ENGLISH 201 or ENGLISH 202 INTERNAL ENGLISH 203 or ESOL</i>	ENGLISH 301 ENGLISH 302 ENGLISH 303
LANGUAGES	JAPANESE MAORI SPANISH	JAPANESE MAORI	JAPANESE MAORI
MATHS	MATHEMATICS 101 or MATHEMATICS 102 or MATHEMATICS 103	MATHEMATICS 201 or MATHEMATICS 202	CALCULUS 301 STATISTICS 302 INTERNAL MATHEMATICS 303
SCIENCE	<i>GENERAL SCIENCE 101 or INTERNAL SCIENCE 102 or HUMAN BIOLOGY</i>	PHYSICS CHEMISTRY BIOLOGY	PHYSICS CHEMISTRY BIOLOGY
SOCIAL SCIENCES	GEOGRAPHY HISTORY	GEOGRAPHY HISTORY TOURISM	GEOGRAPHY HISTORY TOURISM CLASSICAL STUDIES
	COMMERCE	COMMERCE FINANCIAL LITERACY	COMMERCE
PHYS-ED / HEALTH	PHYSICAL EDUCATION101 PHYSICAL EDUCATION102 HEALTH	PHYSICAL EDUCATION or SPORTS LEADERSHIP ADVENTURE EDUCATION HEALTH	PHYSICAL EDUCATION or SPORTS PERFORMANCE COMMUNITY SPORTS LEADERSHIP ADVENTURE EDUCATION HEALTH
ARTS	ART	ART – PAINTING ART – DESIGN PHOTOGRAPHY	ART - PAINTING ART - DESIGN PHOTOGRAPHY
	DANCE	DANCE	DANCE
	DRAMA	DRAMA	DRAMA
		MEDIA STUDIES	MEDIA STUDIES
	MUSIC	MUSIC	MUSIC
TECHNOLOGY	DIGITAL TECHNOLOGY 101 DIGITAL TECHNOLOGY 102	DIGITAL TECHNOLOGY 201 COMPUTING 201	DIGITAL TECHNOLOGY
	FOOD TECHNOLOGY or HOSPITALITY & CATERING	FOOD TECHNOLOGY or HOSPITALITY & CATERING	FOOD TECHNOLOGY or HOSPITALITY & CATERING
	TEXTILES	TEXTILES	TEXTILES
	DESIGN & VISUAL COMMUNICATION (DVC)	DESIGN & VISUAL COMMUNICATION (DVC)	DESIGN & VISUAL COMMUNICATION (DVC)
	MECHANICAL ENGINEERING	MECHANICAL ENGINEERING	
	BUILDING & CONSTRUCTION	BUILDING & CONSTRUCTION	BUILDING & CONSTRUCTION
PATHWAYS	PATHWAYS	FUTURE PATHWAYS PATHWAYS RETAILING GATEWAY	PATHWAYS RETAILING GATEWAY

ITALIC PRINT = COMPULSORY SUBJECTS

NOTE: STUDENTS CANNOT TAKE MORE THAN TWO PE BASED COURSES IN ONE YEAR

QUALIFICATIONS IN THE SENIOR SCHOOL

THE NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

a. How Does NCEA Work?

NCEA recognises achievement in a wide range of studies. It means schools can offer a broader range of subjects and students can gain credits from standards developed by industry.

To gain an NCEA certificate students must earn credits, by meeting standards in their chosen subject areas. Some standards will be assessed by the external examinations; others will be assessed by internal assessment.

Achievement/Unit standards make clear to teachers, students and parents the standard of work, skills and knowledge necessary to achieve. Students earn credit by fulfilling the requirements of the standard. These standards encourage high expectations. Achievement standards have been designed so that satisfactory work, good work, and truly excellent achievement can be recognised with “Achieved”, “Merit” and “Excellence” grades. Students will be told how well they have performed in each part of each subject with marks for both externally examined components and internally assessed work.

b. Requirements for Achieving NCEA

NCEA Level 1

Students need to gain 80 credits at Level 1 and of those 80 credits, students will need to have gained 10 credits in English or Te Reo (literacy) **and** 10 credits in Mathematics (numeracy).

NCEA Level 2

Students need to gain 80 credits. Of those 80 credits, 60 must be at Level 2 or above (20 credits from their Level 1 Certificate to fulfil the requirement for Level 2). Students must also meet the requirements of Level 1 literacy and numeracy.

NCEA Level 3

Students need to gain 80 credits. Of those 80 credits, 60 must be at Level 3 or above (20 credits from their Level 2 certificate to fulfil the requirement for Level 3). Students must also meet the requirements of Level 1 literacy and numeracy.

Endorsements

Students may gain Certificates with either a Merit or Excellence endorsement or a course endorsement.

- Merit: at least 50 Merit or Excellence credits
- Excellence: at least 50 Excellence credits

Course Endorsement - when a student gains 14 credits or more in one subject (at least 3 credits must be external and 3 credits must be internal) they will gain a Merit or Excellence course endorsement.

Gaining credits at the Merit and Excellence level of achievement is now an advantage when applying for most New Zealand universities and some are offering monetary rewards for endorsements.

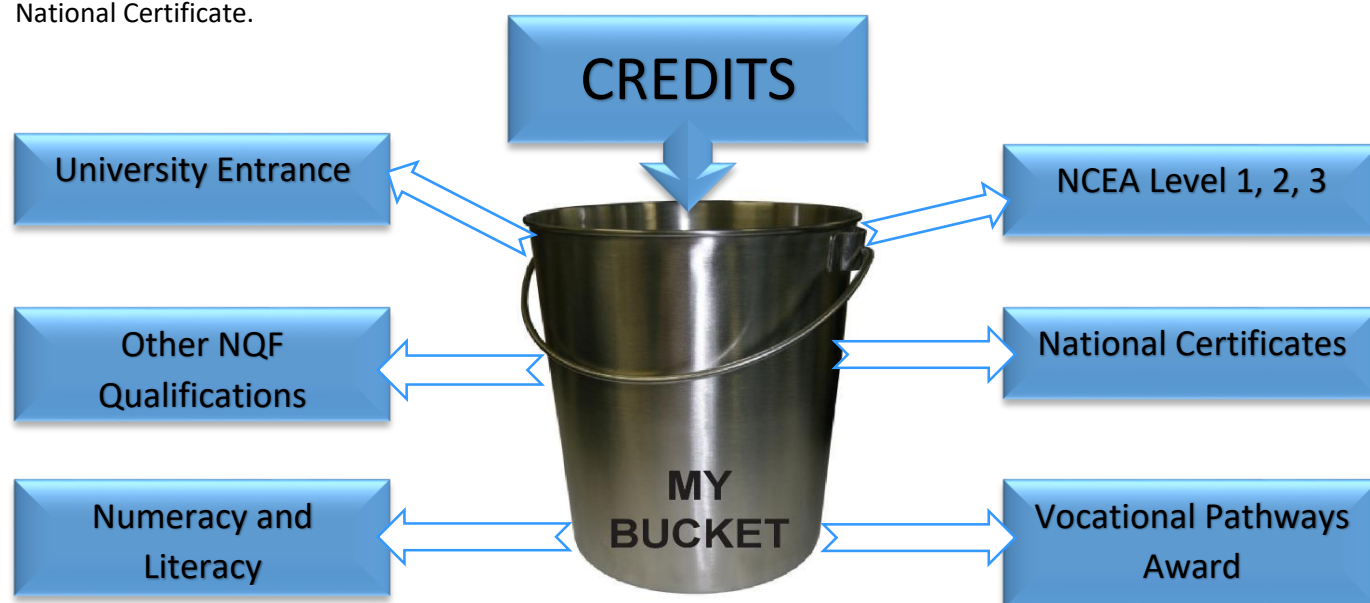
Scholarship

Scholarship is externally assessed. It is designed to extend the very best students and to financially reward very able students who are going on to tertiary study. It is not a qualification. Students sitting Scholarship will be assessed on their ability to think laterally and in the abstract. The exams cover the same knowledge and skills as NCEA Level 3 achievement standards, but the standard of performance required is much higher.

(See www.nzqa.nz/scholarship/index.html)

USING CREDITS TO GAIN MORE THAN ONE QUALIFICATION

NCEA enables students to use their credits for more than one qualification. Credits come out of 'the bucket' to fulfil the requirements of any one National Certificate but go back into the bucket to fulfil the requirements of any other National Certificate.



STUDENT CREDITS RECORDED IN THE RECORD OF LEARNING

USING CREDITS

Credits can be used more than once.

Once gained, credits are recorded on a Student Record of Learning.

When recorded on the Record of Learning, credits can be used to fulfil the requirements of any National Certificate.

For example

A student may gain NCEA Level 1 – 80 credit total.

AND

This student then gains NCEA Level 2 – 80 credits (20 of these credits from Level 1).

AND

Additionally this student gains a National Certificate in Hospitality Level 2 using credits from NCEA Level 2

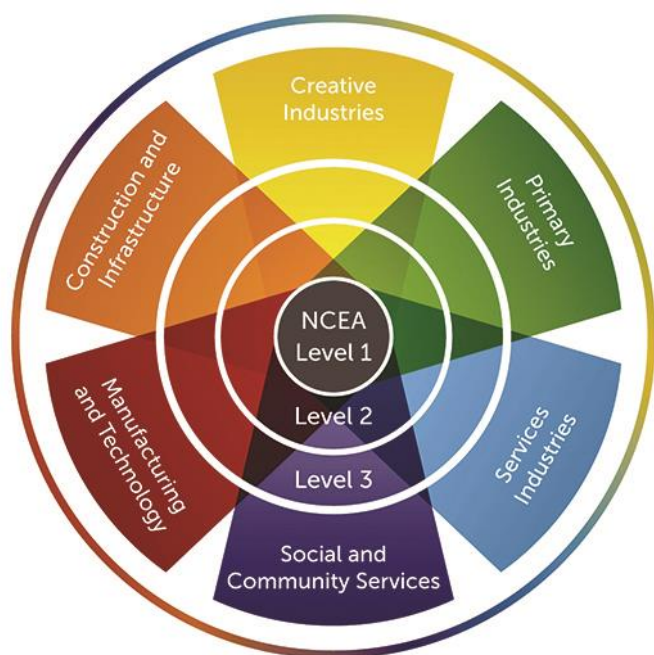
NATIONAL CERTIFICATE

You may be able to work on other national qualifications as well as NCEA while at school.

Examples of other National Qualifications:

- National Certificate in Business Administration & Computing, Level 1
- National Certificate in Computing, Level 1
- National Certificate in Drama, Levels 2 and 3
- National Certificate in Employment Skills, Level 1
- National Certificate in Hospitality Level 2
- National Certificate in Tourism & Travel
- NZ Certificate in Food and Beverage Service
- NZ Certificate in Retail
- Vocational Pathway Awards

VOCATIONAL PATHWAYS



The six Vocational Pathways are designed to improve the relevance of learning of students by indicating how their learning and achievement is valued by broad sectors of the workforce. Each has been colour coded for ease of recognition to help students, parents, whanau and teachers planning study programmes.

Below is an example of what will be shown for each student and how their subjects relate to the six Pathways. Student and parents will then be able to get an idea of where subjects may lead to and what interests the student may have

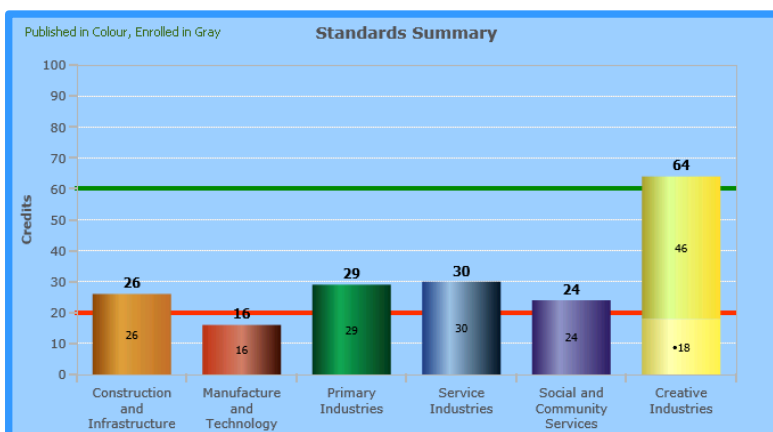
Vocational Pathways Award

(this will be gained if you)

- Achieve NCEA Level 2
- Meet NCEA Numeracy and Literacy requirements (10 Numeracy, 10 Literacy Level 1 and above credits)
- Gain 60 Level 2 credits from recommended standards

Including

- At least 20 Level 2 credits from sector-related standards e.g Services Industries



Check this *booklet* to see how your subjects can be used to gain the Vocational Pathways Award

Primary Industries	Services Industries	Social and Community Services	Manufacture and Technology	Construction and Infrastructure	Creative Industries
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Every course offered at Upper Hutt College has some standards that are colour coded based on a Vocational Pathway. Some courses may have more than one Vocational Pathway. Pathways are a way of looking at the courses students are taking at school and where they may lead to in the future either in training/tertiary or the workforce.

Visit www.youthguarantee.net.nz to build a profile.

The Profile Builder is the new online tool to create a Vocational Profile. Students and educators can enter the standards achieved (or plan to achieve) using the assessment standards, to build an individual profile.

On www.nzqa.govt.nz students can log on and see their own profile made by their results gained.

CAREERS LINKED TO A VOCATIONAL PATHWAYS

By clicking on the links below you will be taken directly to www.careers.govt.nz and in particular to the page with a detailed information sheet on the particular career you have selected:

Primary Industries

Agricultural Technician	Agricultural/Horticultural Consultant	Agricultural/Horticultural Scientist
Animal Attendant	Aquaculture Farmer	Arborist
Beekeeper	Biochemist	Biosecurity Officer
Biotechnologist	Crop Farm Worker	Crop Farmer
Dairy Farmer	Dairy Products Maker	Dog Trainer
Energy Auditor	Environmental Engineer	Environmental Scientist
Farm Worker	Farmer/Farm Manager	Fencer
Fishery Officer	Fishing Skipper	Food Technologist
Forester	Forestry and logging worker	Forestry Scientist
Gardener	General Labourer	Geologist
Geophysicist	Groundsperson	Horse Trainer
Hunter/Trapper	Landscape Architect	Landscape Gardener
Marine Biologist	Meat Inspector	Meat/Seafood Process Worker
Microbiologist	Nursery Grower/Worker	Packhouse Worker
Production Manager	Pulp and Paper Mill Operator	Quarantine Inspector
Ranger	Saw Doctor	Science Technician
Shearer	Stock and Station Agent	Veterinarian
Veterinary Nurse	Winemaker	Wood Processing Worker
Wool Classer		

Construction and Infrastructure

Air Traffic Controller	Architect	Architectural Technician
Boat Builder	Bricklayer	Building Contractor
Building Inspector	Building Insulator	Cabinet Maker
Caretaker	Carpenter	Civil Engineer
Crane Operator	Concrete Worker	Construction Manager
Earthmoving Machine Operator	Diver	Driller
Environmental Engineer	Electrician	Energy Auditor
Floor Covering Installer	Fabrication Engineer	Floor and Wall Tiler
Glazier	Fork-Lift Operator	General Labourer
Landscape Architect	Interior Designer	Joiner
Line Mechanic	Landscape Gardener	Lift Technician
Mine/Quarry Manager	Locksmith	Metal Worker
Naval Architect/Boat Designer	Miner/Quarry Worker	Mining Engineer
Plumber and Gasfitter	Painter and Decorator	Plasterer
Quantity Surveyor	Project Manager	Property Manager
Roadmarker	Railway Shunter	Roading Construction Worker
Scaffolder	Roofer	Rubbish/Recycling Collector
Surveyor	Stonemason	Survey Technician
Civil Engineering Technician/Draughtsperson		Water/Waste Water Treatment Operator

Manufacture and Technology

Aeronautical Engineer	Aircraft Maintenance Engineer	Architect
Architectural Technician	Automotive Electrician	Automotive Mechanic
Baker	Bicycle Mechanic	Biochemist
Biomedical Engineer	Biomedical Technician (Mechanical and Electronic)	Biotechnologist
Boat Builder	Boiler Attendant	Brewer
Butcher	Cabinet Maker	Chemical Engineer
Chemical Production Operator	Chemist	Civil Engineer
Civil Engineering Technician/Draughtsperson	Clothing Designer	Clothing Marker/Cutter
Clothing Pattern Maker	Computer Systems Technician	Crane Operator
Dairy Products Maker	Database/Systems Administrator	Electrical Engineer
Electrical Engineering Technician	Electrician	Electronics Engineer
Electronics Trades Worker	Energy and Chemical Plant Operator	Engineering Machinist
Environmental Engineer	Fabrication Engineer	Food and Beverage Factory Worker
Food Technologist	Fork-Lift Operator	Furniture Finisher

Game Developer	Glass Processor	Graphic Pre-Press Worker
Importer/Exporter	Industrial Designer	Industrial Spray Painter
Information and Communication Technology Manager	Jeweller	Joiner
Lift Technician	Light Technician	Line Mechanic
Locksmith	Marine Engineer	Meat Inspector
Meat/Seafood Process Worker	Mechanical Engineer	Mechanical Engineering Technician
Medical Laboratory Scientist	Metal Worker	Panelbeater
Picture Framer	Plastics Technician	Plastics Worker
Print Finisher	Printer	Product Assembler
Production Manager	Programmer	Project Manager
Pulp and Paper Mill Operator	Purchasing/Supply Officer	Recycler/Dismantler
Refrigeration/Air-conditioning Technician	Saw Doctor	Science Technician
Screen Printer	Sewing Machinist	Software Architect
Systems Analyst	Tailor/Dressmaker	Technical Writer
Telecommunications Engineer	Telecommunications Technician	Toolmaker
Tyre Technician	Upholsterer	Vehicle Body Bulder/Trimmer
Vehicle Painter	Watchmaker and Repairer	Water/Waste Water Treatment Operator
Web Developer	Website Administrator	Welder
Winemaker	Wood Machinist	Wood Processing Worker

Service Industries

Actor	Accountant	Accounts Officer
Advertising Specialist	Actuary	Administration Officer
Aeroplane Pilot	Advertising, Sales and Marketing Manager	Aeronautical Engineer
Air Force Officer	Agricultural Technician	Air Force Airman/Airwoman
Aircraft Maintenance Engineer	Air Traffic Controller	Aircraft Loader
Animator/Illustrator	Aircraft Refueller	Animal Attendant
Army Soldier	Archivist	Army Officer
Artistic Director	Art Director (Film/Television/Stage)	Artist
Author	Auctioneer	Auditor
Barrister	Baker	Bank Worker
Bicycle Mechanic	Bartender	Beauty Therapist
Bus Driver	Body Artist	Brewer
Cafe Worker	Butcher	Buyer
Caretaker	Cafe/Restaurant Manager	Camping Ground Manager
Casino Worker	Carpet Cleaner	Cashier
Chemist	Check-in Agent	Chef
Conservator	Cinema Projectionist	Cleaner
Copywriter	Contact Centre Worker	Cook
Customs/Freight Broker	Courier/Postie	Curator
Deckhand	Dancer	Debt Collector
Dietitian	Delivery Driver	Demonstrator
Diversional Therapist	Director (Film/Television/Radio/Stage)	Diver
Economist	Dog Trainer	Driving Instructor
Entertainer	Editor	Energy Auditor
Film and Video Editor	Events Manager	Exhibition Technician
Financial Adviser	Film/Television Camera Operator	Finance Manager
Flight Attendant	Financial Dealer	Fitness Instructor
Funeral Director/Embalmer	Florist	Flying Instructor
Geologist	Furniture Packer/Mover	Gardener
Gunsmith	Geophysicist	Graphic Designer
Health and Safety Inspector	Hairdresser/Barber	Health and Safety Adviser
Helpdesk Operator	Heavy Truck Driver	Helicopter Pilot
Hotel/Motel Manager	Historian	Hotel Porter
Importer/Exporter	Housekeeper	Human Resources Adviser
Insurance Agent	Industrial Designer	Information and Communication Technology Manager
Interior Designer	Insurance Claims Officer	Insurance Loss Adjuster
Kitchenhand	Jeweller	Journalist
Light Technician	Laundry Worker/Dry-Cleaner	Legal Executive
Maitre d'Hotel	Locksmith	Mail Sorter
Market Research Analyst	Make Up Artist	Managing Director/Chief Executive
Meteorologist	Massage Therapist	Media Producer
Motor Vehicle Salesperson	Model	Mortgage Broker
Navy Sailor	Musician	Navy Officer

Panelbeater	Office Manager	Outdoor Recreation Guide/Instructor
Pest Controller	Payroll Officer	Personal Assistant
Photographer	Pharmacist	Pharmacy Technician
Picture Framer	Photographic Developer/Printer	Physicist
Professional Sportsperson	Private Teacher/Tutor	Production Assistant
		(Film/Television/Radio/Stage)
Public Relations Professional	Project Manager	Property Manager
Railway Shunter	Purchasing/Supply Officer	Radio Presenter
Records Adviser	Real Estate Agent	Receptionist
Retail Manager	Recreation Co-ordinator	Recruitment Consultant
Secretary	Retail Sales Assistant	Sales Representative
Ship's Master	Security Officer/Guard	Service Station Attendant
Solicitor	Ship's Officer	Signwriter
Statistician	Sound Technician	Sports Coach/Official
Street/Park Cleaner	Stevedore	Storeperson
Taxi Driver/Chauffeur	Survey Interviewer	TAB Operator
Television Presenter	Technical Writer	Telemarketer
Train Conductor	Tour Guide	Tow Truck Operator
Trainer	Train Controller	Train Driver
Tyre Technician	Travel Agent/Adviser	Typist/Data Entry Operator
Veterinarian	Valuer	Vehicle Groomer/Cleaner
Waiter/Waitress	Veterinary Nurse	Visual Merchandiser
Workplace Relations Adviser	Watchmaker and Repairer	Window Cleaner

Creative Industries

Actor	Advertising Specialist	Advertising, Sales and Marketing Manager
Animator/Illustrator	Architect	Architectural Technician
Archivist	Art Director (Film/Television/Stage)	Artist
Artistic Director	Author	Beauty Therapist
Body Artist	Clothing Designer	Clothing Pattern Maker
Conservator	Copywriter	Curator
Dancer	Director (Film/Television/Radio/Stage)	Editor
Entertainer	Events Manager	Exhibition Technician
Film and Video Editor	Film/Television Camera Operator	Florist
Furniture Finisher	Game Developer	Graphic Designer
Graphic Pre-Press Worker	Hairdresser/Barber	Historian
Industrial Designer	Interior Designer	Jeweller
Journalist	Landscape Architect	Light Technician
Make Up Artist	Media Producer	Musician
Naval Architect/Boat Designer	Photographer	Public Relations Professional
Radio Presenter	Screen Printer	Sewing Machinist
Signwriter	Sound Technician	Stonemason
Tailor/Dressmaker	Television Presenter	Upholsterer
Visual Merchandiser	Web Developer	

Social & Community Services

Acupuncturist	Air Force Airman/Airwoman	Air Force Officer
Ambulance Officer	Anaesthetic Technician	Anaesthetist
Animal Attendant	Army Officer	Army Soldier
Audiologist/Audiometrist	Biomedical Engineer	Biomedical Technician (Mechanical and Electronic)
Biosecurity Officer	Building Inspector	Cardiac Technician
Chiropractor	Clinical Coder	Community Karitane
Community Worker	Conservator	Corrections Officer
Counsellor	Curator	Customs Officer
Dental Assistant	Dental Hygienist	Dental Technician
Dental Therapist	Dentist	Diagnostic Radiologist
Dietitian	Dispensing Optician	Diversional Therapist
Early Childhood Teacher	Education Adviser	Elected Government Representative
Emergency Management Officer	Environmental Health Officer	Environmental Scientist
Firefighter	Fishery Officer	Foreign Policy Officer
Forensic Scientist	General Practitioner	Gynaecologist/Obstetrician
Health and Safety Inspector	Health Promoter	Health Services Manager
Immigration Officer	Interpreter	Judge
Kaiwhakaako Maori	Librarian	Library Assistant
Medical Laboratory Scientist	Medical Laboratory Technician	Medical Radiation Technologist
Medical Radiation Therapist	Midwife	Minister of Religion
Nanny/Child Carer	Natural Health Therapist	Navy Officer
Navy Sailor	Nursing Support and Care Worker	Occupational Therapist
Optometrist	Osteopath	Parking Warden
Pathologist	Pharmacist	Pharmacy Technician
Phlebotomist	Physician	Physiologist
Physiotherapist	Podiatrist	Police Officer
Policy Analyst	Primary School Teacher	Private Teacher/Tutor
Probation Officer	Psychiatrist	Psychologist
Quarantine Inspector	Radiation Oncologist	Ranger
Recreation Co-ordinator	Registered Nurse	School Principal
Secondary School Teacher	Security Officer/Guard	Social Worker
Special Education Teacher	Speech-Language Therapist	Statistician
Sterilising Technician	Surgeon	Teacher Aide
Teacher of English to Speakers of Other Languages (ESOL)	Tertiary Lecturer	Translator
Urban/Regional Planner	Veterinarian	Veterinary Nurse
Youth Worker	Zookeeper	Zoologist

UNIVERSITY ENTRANCE REQUIREMENTS

Universities and other tertiary institutions set their own entry criteria for their courses. If you intend heading in that direction you need to do some research before selecting courses for Years 12 and 13.

Students will need to do ALL of the following to be awarded UE:

- attain NCEA Level 3
- achieve 14 credits at level 3 in **each of three subjects from the list of approved subjects**. (see the box below)
- achieve UE numeracy - 10 credits at Level 1 and above from specific achievement standards, or three specific numeracy unit standards
- achieve UE literacy - 10 credits (five in reading and five in writing) at Level 2 and above from specific standards.

NB: Auckland University requires 17 credits of English at Level 2 or 3

Approved subjects for University Entrance offered at this school are:

Accounting	History
Biology	Japanese
Calculus	Mathematics
Chemistry	Media Studies
Classical Studies	Music Studies
Dance	Painting (Practical Art)
Design (Practical Art)	Photography (Practical Art)
Design & Visual Communication	Physical Education)
Digital Technologies/Computing	Physics
Drama	Printmaking (Practical Art)
Economics	Science
English	Statistics
Food Technology (Home Economics)	Te Reo Maori
Geography	Textiles (processing technologies)
Health	

University Specific Entry Conditions – Guaranteed Entry Scores

Most New Zealand Universities are now introducing an enrolment policy that will determine your selection into an academic programme. At Victoria University the Guaranteed Entry Score from NCEA is 150 points for all undergraduate degrees with the exception of Architectural Studies and the Bachelor of Building Sciences.

How to calculate your NCEA rank score:

- Your rank score will be based on your 80 best credits in University Entrance approved subjects at level 3 or higher, and weighted by the level of achievement. You can count both achievement standards and unit standards
- All Level 3 or higher approved subjects can be counted.
- A maximum of 24 credits in each subject may be counted
- If you have achieved fewer than 80 credits at level 3 or higher the rank score will be based on those you have achieved.
- You are advised to take **approved subjects and achievement standards** wherever possible in your school programme both for entrance purposes and as the best preparation for university study.

Your rank score will be calculated by awarding points as follows:

Excellence	4 points
Merit	3 points
Achieved	2 points

If you have any further questions on NCEA or require assistance, please contact your Dean or Ms Van Maren (the NZQA co-ordinator). For full details on NCEA the following link will be useful:
<http://www.nzqa.govt.nz/qualifications-standards/qualifications/ncea/understanding-ncea/how-ncea-works/>

COMMERCE DEPARTMENT

Head of Department – Ashley Thomson

Introduction

Senior subjects offered in the Commerce Department include:

- Commerce (a mix of Accounting, Business Studies and Economics)
- Financial Literacy Skills

If you like money (both making it and spending it) then our subjects are for you!

Skills and Learning

Taking a Commerce subject will allow you to develop some of the following

knowledge, skills, experiences and attitudes that allow you to:

- learn how to budget, manage and track your own income and spending
- prepare, process and understand financial records for businesses and organisations
- explore how changes in the economy could affect individuals and groups in society
- understand how values affect the decisions different individuals and groups
- work collaboratively with different groups of people, both other students the wider community
- use digital technologies to research, analyses and present information
- develop entrepreneurial and business management skills



Career Pathways

Studying Commerce will give you the skills and knowledge to pursue careers in any industry – every organisation or company needs business experts in order to grow!

Commerce specific career pathways include:

- Accounting and financial management
- Advertising, sales and marketing
- Economics and government policy
- Human resources (employment and management of workers)
- Production and organisation
- Management and entrepreneurship (owning or running a business)



Young Enterprise Scheme

All learning in Levels 1 and 2 commerce subject leads towards participation in the Lion Foundation Young Enterprise Scheme in Level 3 Commerce (CMM301). This is a hands on programme where you will plan for and run a business for the year. You will take on a business role, work with mentors in the community, and compete with other schools around New Zealand to be the YES Company of the Year.

Visit this website for more information:

<http://youngenterprise.org.nz/find-resources/the-lion-foundation-young-enterprise-scheme-yes/>

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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COMMERCE

NCEA LEVEL 1

CMM 101

What will I learn?

Commerce studies the decisions different groups of people make about how they will use their resources. We explore how decisions are made around how products are created and promoted as well as how decisions affect people and what they think about them. You will also be developing your own product and selling it at a market day. We also explore the decisions that small businesses (less than 20 employees) make.

Entry Requirements

None but Year 10 Enterprise Studies (Commerce) would be an advantage.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90842 v2	<i>Business Studies:</i> Carry out and review a product-based business activity within a classroom context with direction.	6							✓	
1	AS90840 v2	<i>Business Studies</i> Apply the marketing mix to a new or existing product	3							✓	
1	AS90979 v3	<i>Accounting:</i> Prepare financial information for a community organisation's annual general meeting	4							✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S & C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90983 v3	<i>Economics:</i> Demonstrate understanding of consumer choices, using scarcity and/or demand	4							✓	
1	AS90985 v3	<i>Economics:</i> Demonstrate understanding of producer choices using supply	3							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.
These standards may be subject to changes depending on staffing.

Learning Resources that are Highly Recommended. ESA Accounting Workbook \$33.95

Where does this lead to?

Level 2 Commerce - CMM 201
Level 2 Financial Literacy – FLT 201

Teacher in Charge:

Ms Thomson

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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COMMERCE

NCEA LEVEL 2

CMM 201

What will I learn?

The main project in CMM 201 is conducting market research to introduce a new or improve an existing product, for sale at the school canteen. This will involve surveying a sample of the school population, analysing the survey results and coming to a clear conclusion about how successful the product would be.

In addition to the marketing activity you will also look at the causes of unemployment in our society, and how this affects different groups of people and how businesses respond to factors outside of their control. Throughout the year you learn which factors best motivate employees in the workplace, understand how to manage a business inventory subsystem, and analyse the external factors that impact upon a business that can affect the business's economic sustainability.

Entry Requirements

A minimum of 14 Achievement Standard credits in both NCEA Level 1 Maths and English and CMM101. Students cannot study CMM 201 and FLT 201 in the same year.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91225 v3	Analyse unemployment using economic concepts and models.	4									✓	
2	AS91486 v2	Conduct market research on a new or existing product	3									✓	✓
2	AS90847 v2	Investigate the application of motivational theory in a business.	3									✓	
2	AS91386 v2	<i>Accounting:</i> Demonstrate understanding of an inventory subsystem for an entity	4									✓	✓

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S & C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS90844 v3	Demonstrate understanding of how a large business responds to external factors.	4									✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Accounting Workbook Level 2 - \$38.00. BYOD highly recommended.

Where does this lead to?

Level 3 Commerce – CMM 301

Teacher in charge:

Ms Thomson

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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FINANCIAL LITERACY

NCEA LEVEL 2

FLT 201

What will I learn?

This course is designed to give you an understanding of how to manage your own finances once you leave home. You will explore potential scenarios that could have a positive or negative impact on your finances, and then learn how to make a budget to reflect these changes. You will also investigate different insurance types and providers and different situations these will be applicable to.

Entry Requirements

Open entry but students should have an interest in learning how to manage their personal financial literacy and plan their future financial literacy. Students cannot study FLT 201 and CMM 201 in the same year.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S & C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	US2784 v8	Create and use a computer spreadsheet to solve a problem.	3										
2	US28092 v3	Analyse the effect of significant life events at different life stages on personal financial income.	3										
2	US28094 v3	Produce a balanced budget and adjust the budget to reflect changing financial circumstances.	3										
2	US28096 v3	Evaluate and select insurance product types in relation to events for personal finances.	3										
2	US28097 v2	Analyse and select banking products and services in relation to personal finances	3										
2	US18237 v3	Perform calculations in a tourism workplace	3		SR								

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Life Skills to be financially independent.

This course complements the Pathways Programme.

Teacher in charge:

Ms Thomson

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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COMMERCE

NCEA LEVEL 3

CMM 301

What will I learn?

As part of the Lion Foundation Young Enterprise Scheme (YES) you will setup a company with your peers to develop, produce and sell a good or service. You will explore aspects of running or working in business, including marketing and promotion, financial management and accounting, and the economic environment in which your business is operating. YES is a national competition with many out of school events and prizes. It will be offered subject to change depending upon student numbers and interest.

All students in this course will work towards completing Marketing and Business plans for their company. Students will also complete one Economics and Accounting achievement standard.

Entry Requirements

A minimum of 14 Achievement Standard credits in both NCEA Level 2 Maths and English. Previous study of Commerce would be an advantage.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91382 V2	Develop a marketing plan for a new or existing product.	6								✓	✓	
3	AS91384 V2	Carry out, with consultation, an innovative and sustainable business activity.	9								✓	✓	
3	AS91401 V2	Demonstrate understanding of microeconomic concepts.	5								✓	✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91408 V2	Demonstrate understanding of management accounting to inform decision-making.	4									✓	✓

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. YES Registration Fee \$35 plus \$20 - \$50 additional business start-up funds, depending on product. BYOD highly recommended.

Where does this lead to?

Studying Business or Commerce at University or starting a business.

Teacher in charge

Ms Thomson

DANCE

Head of Department: Ms Montgomery

'Dance is the hidden language of the soul.' – Martha Graham

Why study dance?

Education in dance is fundamental to the education of all students. Education in dance promotes personal and social well-being by developing self-esteem, social interactions, and confidence in physical expression. It aims to foster enthusiasm as participants, creators, viewers, and critical inquirers and to develop a lifelong interest in and appreciation of dance.

What skills will be gained?

- You will be developing your practical knowledge in dance. As you learn different technical aspects of different genres you will become a more confident and able dancer and choreographer.
- You will be challenged in terms of developing ideas for choreography and this ability to be able to engage with tasks in a creative and imaginative manner will help in other aspects of your life.
- You will learn to engage, reflect and analyse dance works. Being able to both critique and take other people's criticisms of your work will improve analytical capabilities in all subject areas.
- You will learn how to view dance works and understand them in context. You will come to appreciate that dance is firmly rooted in tradition yet constantly evolving to reflect changes in contemporary culture.

Careers that Dance can lead to:

- Dancer in a major arts organization, such as a ballet company, opera house or musical theatre company
- Choreographer for those same organisations
- Notator to preserve the choreography and repertoire for those companies
- Dancer in a large-scale theme park or Las Vegas production, or smaller productions on a cruise line
- Dancer for music videos and commercials
- Choreographer, trainer or coach for music videos
- Marketing and public relations for a dance company
- Web design and social media management for a dance company
- Grant writing, development and finance for arts organisations
- Artist management and representation
- Arts facilities operations
- Special events planner for a ballet company or arts organisation
- Dance teacher at a dance studio or school
- Dance or movement therapist
- Sports/Personal trainer or Pilates instructor



PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DANCE

NCEA LEVEL 1

DAN 101

What will I learn?

By the end of the year students taking this course should show familiarity and confidence in the following: -

- Rehearsing and performing teacher choreographed sequences of different genres.
- Choreographing, rehearsing and performing sequences in a duet.
- Choreographing, rehearsing and performing in small groups.
- Showing an understanding of a dance genre.
- Showing an understanding of the five elements of dance.
- Viewing and analysing professional dance performances.

Entry Requirements

Open entry.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90858 v3	Compose dance sequences for given briefs.	6								
1	AS90002 v6	Perform dance sequences.	6								
1	AS90859 v3	Demonstrate ensemble skills in a dance.	4								

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90861 v3	Demonstrate understanding of a dance performance.	4							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Attendance at any professional dance performances or workshops that may be offered throughout the year.

Where does this lead to?

Year 12 Dance – DAN 201

Teacher in charge:

Ms Montgomery

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DANCE

NCEA LEVEL 2

DAN 201

What will I learn?

By the end of the year students taking this course should show familiarity and confidence in the following:

- Rehearsing and performing teacher choreographed theatre dance.
- Choreographing rehearsing and performing a solo.
- Choreographing, rehearsing and performing in small groups.
- Developing and performing a repertoire of dance over a period of time.
- Providing an interpretation of a dance performance.
- Demonstrating an understanding of a dance genre.

Entry Requirements

A minimum of 14 credits in Level 1 Dance or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91205 v2	Choreograph a group dance to communicate an intention.	4										
2	AS91206 v2	Choreograph a solo dance to communicate an intention.	4										
2	AS91208 v2 AS91207 v2	Perform a theatre dance to communicate understanding of the dance. OR Perform an ethnic or social dance to communicate understanding of the style	4						SR SR				
2	AS91209 v3	Perform a repertoire of dance.	6										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91211 v2	Provide an interpretation of a dance performance with supporting evidence.	4									✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Attendance at any professional dance performances or workshops that may be offered throughout the year.

Where does this lead to?

Level 3 Dance – DAN 301

Teacher in charge:

Ms Montgomery

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DANCE

NCEA LEVEL 3	DAN 301
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What will I learn?

By the end of the year students taking this course should show familiarity and confidence in the following:

- Choreographing rehearsing and performing a solo or duet.
- Choreographing, rehearsing and performing in small groups.
- Developing and performing a repertoire of dance over a period of time.
- Providing an interpretation of a dance performance.

Entry Requirements

A minimum of 14 credits in Level 2 Dance or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91589 v2	Choreograph a group dance to resolve an idea.	4										
3	AS91590 v2	Perform a solo or duet dance.	4										
3	AS91591 v2	Perform a group dance.	4										
3	AS91592 v2	Perform a repertoire of contrasting dances.	6										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91594 v2	Analyse a dance performance.	4							✓		✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Attendance at any professional dance performances or workshops that may be offered throughout the year.

Where does this lead to?

Performing Arts Study at Tertiary level

Teacher in charge:

Ms Montgomery

DRAMA

Head of Department: Jason Towersey



Why choose Drama?

Drama encourages ***creativity and self-expression***, as well as ***problem solving skills***.

Drama requires students to work in large and small groups, so helps them develop their ***people skills***.

Drama develops students' ***confidence***, as it requires them to perform in front of audiences.

Each level performs their own Production in front of a paying audience.

Drama teaches students about ***the wider world***, through the plays they study and perform. Plays are taken from a variety of time periods and cultures. Students have the opportunity to attend a variety of professional theatre performances through the year.

Drama develops students' ***literacy skills***, through reading, writing and performing of written scripts.

Drama has an ***academic*** dimension, with a written exam at each level. Level 3 Drama is a University Entrance subject.

Drama caters for a wide ***variety of learning styles***.

Drama is often ***fun***.

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DRAMA

NCEA LEVEL 1

DRM 101

What will I learn?

By the end of the year students taking this course should show familiarity and confidence in the following:

- Rehearsing and staging small group performances using scripts.
- Devising and performing original plays in small groups.
- Showing understanding of a historical form of theatre by performing a Melodrama play.
- Preparing, rehearsing and performing a speaking part in a Production.
- Undertaking a back-stage technical role for a Production.
- Viewing and analysing professional theatre performances.

Entry Requirements

Open entry.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90006 v6	Apply drama techniques in a dramatic context.	4							✓	
1	AS90997 v2	Devise and perform a drama.	5							✓	
1	AS90999 v4	Use features of a drama/theatre form in a performance.	4							✓	
1	AS90009 v6	Perform an acting role in a scripted production.	5							✓	
1	US26691 v3	Assist in a performing arts production by undertaking a specified production role.	2								

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90011 v7	Demonstrate understanding of drama aspects within live performance.	4							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Attendance at professional theatre performances through the year.

Where does this lead to?

Level 2 Drama – DRA 201

Teacher in charge:

Mr Towersey

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DRAMA

NCEA LEVEL 2

DRM 201

What will I learn?

By the end of the year students taking this course should show familiarity and confidence in the following:

- Demonstrating acting skills in small group performances using scripts.
- Devising, scripting and performing original plays in small groups.
- Showing their understanding of a historical form of theatre by performing a scene from Shakespeare.
- Viewing and analysing professional theatre performances.
- Preparing, rehearsing and performing a substantial part in a Production or taking responsibility for a back-stage technical role for a Production.

Entry Requirements

A minimum of 14 credits in Level 1 or by HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91213 v2	Apply drama techniques in a scripted context.	4						SR		✓	✓	
2	AS91214 v2	Devise and perform a drama to realise an intention.	5						SR			✓	
2	AS91216 v3	Perform features of a complex drama or theatre form or period.	4						SR		✓	✓	
2	AS91218 v2	Perform a substantial acting role in a scripted production.	5								✓	✓	
2	US27702 v2	<u>OR</u> Take responsibility for a production area of a performance.	4						SR				

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91219 v2	Discuss drama elements, techniques, conventions and technologies within live performance.	4						SR	✓		✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Theatre Visit \$30.00

Where does this lead to?

Level 3 Drama and/or Media Studies
or another Social Science subject.

Teacher in charge:

Mr Towersey

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DRAMA

NCEA LEVEL 3

DRM 301

What will I learn?

The Drama 301 course builds on skills and knowledge from DRA201, and contains the following:

- Interpreting scripts by acting in a monologue performance.
- Devising, scripting and performing original plays in small groups.
- Showing understanding of a historical form of theatre by performing a scene.
- Viewing and analysing professional theatre performances.
- Preparing, rehearsing and performing a substantial part in a significant play.

Entry Requirements

14 Level 2 Drama credits, or by discretion of HOD Drama.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91512 v2	Interpret scripted text to integrate techniques in performance	4								✓	✓	
3	AS91513 v2	Devise and perform a drama to realise a concept	5									✓	
3	AS91515 v2	Select and use complex performance skills associated with a drama form or period	4								✓	✓	
3	AS91517 v2	Perform a substantial acting role in a significant production	5								✓	✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91518 v2	Demonstrate understanding of live drama performance	4							✓		✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Attendance at professional theatre performances through the year.

Where does this lead to?

Tertiary study in Drama and/or Performing Arts.

Teacher in charge:

Mr Towersey



ENGLISH

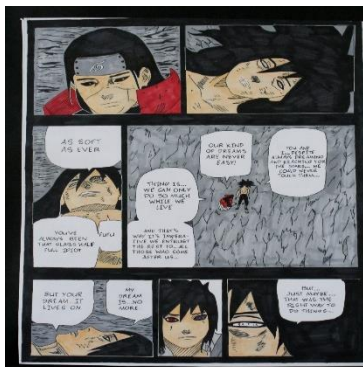
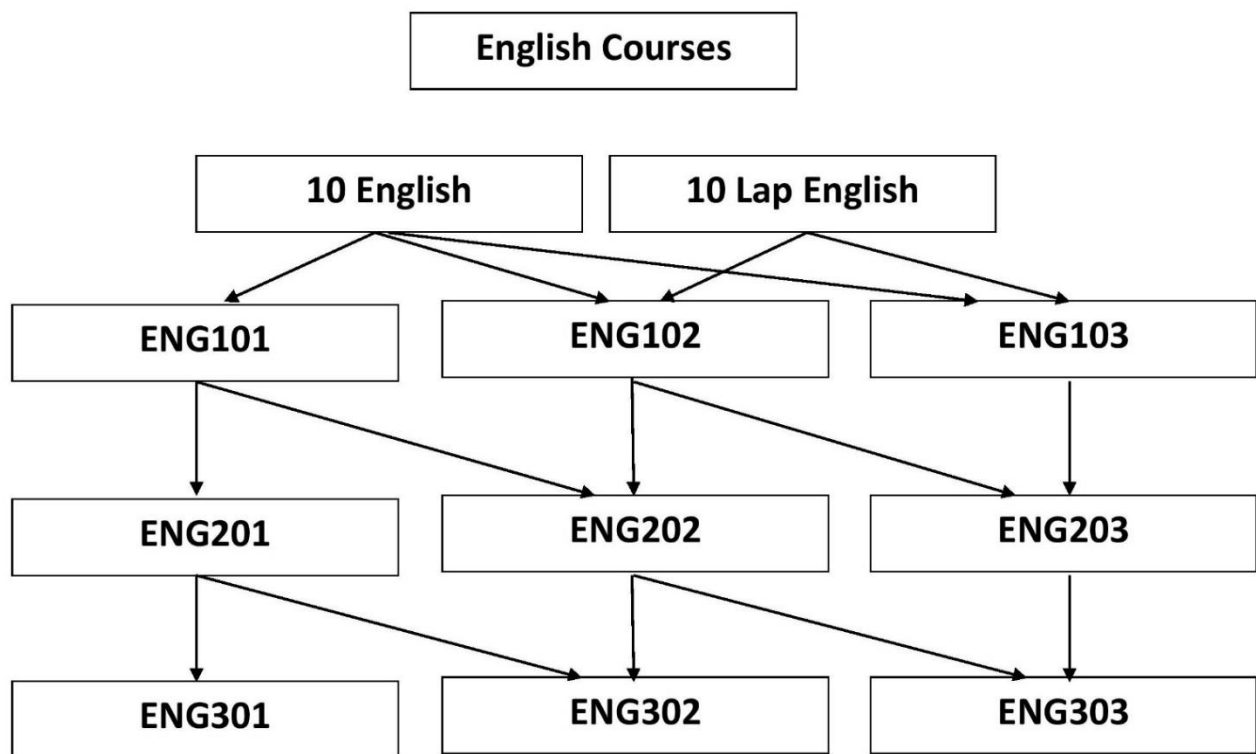
Head of Department : Jonathan Martin

The English Department offers senior students the opportunity to consolidate the skills they have been developing in the junior school. These skills will equip them for their professional and personal lives beyond school. Success in English is fundamental to success across the curriculum.

Students work to:

- Communicate clearly and effectively
- Demonstrate sound written skills
- Speak clearly and with confidence
- Understand the skills of visual communication
- Become independent learners
- Develop their critical thinking abilities
- Understand how language works
- Appreciate and enjoy texts

English is a compulsory subject at Year 11 and 12 level. Students will be placed in classes by the English Department in consultation with the English HOD.



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ENGLISH

NCEA LEVEL 1

ENG 101

What will I learn?

Students will complete in depth studies of films, a novel and other texts. Linked to these studies will be writing assessments which include report and essay writing and both formal and creative writing. Students will also develop their close reading skills of unfamiliar texts and produce a static image.

Entry Requirements:

Two years of study in secondary school English. This academic course has the prerequisite of some success throughout Year 10 English. Students **must complete AS 1.10 Personal Reading and AS 1.6 and have some success in essay writing, creative and/or formal writing and in presenting assessments. Success in the end of year exam is also important.** Students without the required prerequisites will require HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90052 v5	<u>Either</u> Produce creative writing	3							✓	
1	AS90853 v5	<u>Or</u> Produce formal writing	3							✓	
1	AS90855 v2	Create a visual and verbal text	3							✓	
1	AS90852 v2	Explain a significant connection across texts, with evidence from each text.	4							✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90849 v3	Show understanding of specific aspect(s) of studied written texts(s) using supporting evidence.	4							✓	
1	AS90850 v4	Show understanding of specific aspect(s) of studied visual or oral text(s) using supporting evidence.	4							✓	
1	AS90851 v2	Show understanding of specific aspect(s) of unfamiliar text(s) through close reading, using supporting evidence.	4							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Students will complete assessments started in Year 10 if required. All students are required to take a level 1 and 2 English course.

Where does this lead to?

Level 2 English – ENG 201 or ENG 202

Teacher in charge:

Ms Hofsteede

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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ENGLISH

NCEA LEVEL 1

ENG 102 VISUAL ENGLISH

What will I learn?

Students study several films and then complete report writing, essay writing, and personal reading responses. Students also complete a close viewing film test, produce a static image and write business correspondence. Students who have completed all of the other assessments will then work on writing assessments and the speech assessment.

Entry Requirements:

Two years of study in secondary school English. Students should have an interest in studying visual texts, including films and static images. Students should have had some success in writing assessments in Year 10 and/or the end of year exam. Teachers can recommend students for this course in consultation with the HOD.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90855 v2	Create a visual and verbal text. (optional)	3							✓	
1	AS90852 v2	Explain a significant connection across texts, with evidence from each text.	4							✓	
1	AS90856 v2	Show understanding of visual text through close viewing, using supporting evidence.	3							✓	
1	AS90854 v2	Form personal responses to independently read texts (Year 10)	4							✓	
1	AS90857 v2	Construct and deliver an oral text (Year 10).	3							✓	
1	US10792 v5	Write formal personal correspondence.	3								
1	US26622 v4	Write to communicate ideas for a purpose and audience	3							✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90849 v3	Show understanding of specific aspect(s) of studied visual or oral texts(s) using supporting evidence (optional)	4							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Students will complete assessments started in Year 10 if required. All students are required to take a level 1 and 2 English course. Some students will be offered writing assessments if all other assessments are completed.

Where does this lead to?

Level 2 English – ENG 202 or ENG 203

Teacher in charge:

Ms Knebel

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ENGLISH

NCEA LEVEL 1

ENG 103 COMMUNICATION ENGLISH

What will I learn?

Students view and read several visual and written texts. Students complete personal responses, report writing and a close viewing film test. Students also produce a static image and write business correspondence.

Entry Requirements:

Two years of study in secondary school English. Students should have an interest in studying visual texts, including films and static images. Students in this course may have struggled with the accuracy and some of the English skills required in assessments in Year 10. Teachers will recommend students for this course and then the class will be selected by the HOD.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90855 v2	Create a visual and verbal text.	3							✓	
1	AS90852 v2	Explain a significant connection across texts, with evidence from each text.	4							✓	
1	AS90856 v2	Show understanding of visual text through close viewing, using supporting evidence.	3							✓	
1	AS90854 v2	Form personal responses to independently read texts (optional)	4							✓	
1	AS90857 v2	Construct and deliver an oral text.	3							✓	
1	US10792 v5	Write formal personal correspondence.	3								
1	US26622 v4	Write to communicate ideas for a purpose and audience	4							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Students will complete assessments started in Year 10 if required. Some students may be offered Literacy Standards or writing assessments if all the other assessments are completed.

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Students will complete assessments started in Year 10 if required. Some students may be offered writing assessments if all the other assessments are completed.

Where does this lead to?

Level 2 English – ENG 203

Teacher in charge:

Ms Knebel

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ENGLISH

NCEA LEVEL 2	ENG 201
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What will I learn?

Students will focus on writing essays and producing a writing portfolio. Students will be expected to read novels, short texts and view films for the personal reading assessment. They will also produce a static image for the visual text assessment. Students can complete an optional oral presentation.

Entry Requirements

15 Level 1 credits from ENG 101 (and Year 10) which **must include the personal reading assessment, at least one writing assessment, at least one external exam essay, the connections assessment and at least one presenting assessment.** Students without the required prerequisites will need HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91101 v2	Produce a selection of crafted and controlled writing.	6						SR	✓		✓	
2	AS91103 v2	Create a crafted and controlled visual and verbal text (optional)	3						SR			✓	
2	AS1106 v2	Form developed personal responses to independently read texts, supported by evidence.	4								✓	✓	
2	AS91102 v2	Construct and deliver a crafted and controlled oral text.	3									✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91098 v3	Analyse specified aspect(s) of studied written text(s), supported by evidence.	4							✓	✓	✓	
2	AS91099 v4	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence.	4							✓		✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Level 3 English – ENG 301 or ENG 302

Teacher in charge:

Ms Knebel

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ENGLISH

NCEA LEVEL 2

ENG 202 VISUAL ENGLISH

What will I learn?

This course consists of six (or seven) internally assessed Achievement and Unit Standards. There is no external examination. By the end of the year students should be able to analyse and respond to a range of written texts and visual texts. They will write a report on connections between texts, deliver a seminar or speech, analyse a film extract, produce two related static images and complete a writing portfolio.

Entry Requirements

11 credits from ENG101 or ENG102 or HOD approval.

Note: Students must gain three Achievement Standards in ENG 202 plus some Unit Standards to gain entry into ENG 302 the following year.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	US3488 v6	Write business correspondence for a workplace.	3										
2	AS91102 v2	Construct and deliver a crafted oral presentation.	3									✓	
2	AS91104 v2	Analyse significant connections across a range of texts.	4									✓	
2	AS91107 v2	Analyse visual/oral texts through close reading.	3									✓	
2	AS91103 v2	Create a crafted visual and verbal text (<i>to be completed at school only</i>)	3						SR			✓	
2	US3492 v7	Write a short report.	3										
2	AS91101 v2	*Optional – Produce a selection of crafted writing.	6*						SR	✓		✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Level 3 English - ENG 302- with 3 prerequisite Achievement Standards and some Unit Standards from ENG 202 or 11 credits from ENG 201. This course also leads to ENG 303.

Teacher in charge: Mr Martin

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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ENGLISH

NCEA LEVEL 2

ENG 203 COMMUNICATION ENGLISH

What will I learn?

This course consists of six internally assessed standards. There is no external examination. By the end of the year students should be able to complete research and respond to a range of written texts and visual texts. They will write business correspondence, write a report and deliver a business speech. Students will also participate in group activities.

Entry Requirements

Students are selected by the HOD. This course is for students who may have struggled with the accuracy required for essay writing, creative writing and formal assessment writing in Year 11.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	US3488 V6	Write business correspondence in a work place.	3										
2	US3492 v7	Write a short report.	3										
2	AS 91103	Create a visual and verbal text (optional)	3						SR			✓	
2	AS 91107 v2	Analyse visual/oral texts through close reading	3									✓	
2	US2989 v5	Select, access and read texts to gain knowledge.	4										
2	AS91102 v2	Construct and deliver a crafted oral presentation.	3									✓	
2	US1299 v9	Be assertive in a range of specified situations											

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Level 3 English – ENG 303 if pre-requisites met.

Teacher in charge:

Ms Sudfeldt

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ENGLISH

NCEA LEVEL 3

ENG 301

What will I learn?

Students will study several films and a novel. Students will complete several essays, a connections report, a writing portfolio, a seminar and a visual presentation.

Entry Requirements

15 credits from ENG 201 which **must** include **the writing portfolio, the personal reading assessment and at least one external exam essay**. Students without the required prerequisites will need HOD approval. This is an academic course, and students who choose this course are expected to read at least one novel and complete several accurate academic essays and reports.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91475 v1	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas.	6							✓		✓	
3	AS91476 v1	Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas.	3									✓	
3	AS91478 v1	Respond critically to significant connections across texts, supported by evidence.	4									✓	
3	AS91477 v1 (optional)	Create a fluent and coherent visual text which develops, sustains and structures ideas using verbal/ visual language.	3*									✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91472 v1	Respond critically to specified aspect(s) of studied written text(s) supported by evidence.	4							✓	✓	✓	
3	AS91473 v1	Respond critically to specified aspect(s) of studied visual or oral text(s) supported by evidence.	4							✓		✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

University to complete a BA, Law or other degrees.

Teacher in charge:

Ms Cowley/ Mr Martin

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ENGLISH

NCEA LEVEL 3	ENG 302 VISUAL ENGLISH
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What will I learn?

Students will view and study films and documentaries throughout the year and complete several written reports, a writing portfolio and a seminar.

Entry Requirements

14 credits from ENG 201 or ENG 202. Students from ENG 202 **must have passed all three Achievement Standards** and most of the Unit Standards. **Passes only in Unit Standards do not meet the entry requirements for ENG 302.** Students who do not meet the required prerequisites will need HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91475 v1	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas.	6							✓		✓	
3	AS91476 v1	Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas.	3									✓	
3	AS91478 v1	Respond critically to significant connections across texts, supported by evidence.	4									✓	
3	AS91479 v1	Develop an informed understanding of literature and/or language using critical texts.	4								✓	✓	
3	AS91480 v1	Respond critically to significant aspects of visual and/or oral texts through close reading, supported by evidence	3									✓	
3	US1296 V7	Interview in an Informal Situation	3										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary. This is an internally assessed course. Optional Unit Standard assessments could be offered to students who are struggling to reach the standard required for success in the Level 3 Achievement Standards in this course.

Where does this lead to?

University or Tertiary education/training.

Teacher in charge:

Mr Martin

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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ENGLISH

NCEA LEVEL 3	ENG 303 COMMUNICATION ENGLISH
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What will I learn?

Students will write several reports and business letters, and participate in informal interviews. There will also be an opportunity to gain 8 Tourism credits in this course.

Entry Requirements

This course is suitable for students who have gained 11 credits or more from Level 2 English courses. Students require HOD approval for this course. **Please note that this course requires reasonable English skills to be successful in the Level 3 assessments and is a step up from Level 2 English.**

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	US3491 v7	Write a report.(optional)	4										
3	US11095 v7	Write Business correspondence.	3										
3	US1296 V7	Interview in an informal situation.	3										
3	US1279 v7	Write in plain English.	3										
3	US18212 v3	Demonstrate knowledge of New Zealand as a tourist destination.	8										

Note: This course is not appropriate for students intending to go to University.

Where does this lead to?

University or Tertiary education/training.

Teacher in charge:

Mr Martin/ Ms Bowles

ESOL

Head of Department: Greg Mutch

The ESOL Department offers English language courses for international students and for some students living permanently in New Zealand who do not have English as their first language and whose level of English is not high enough for them to attend classes offered by the English Department.

The nature of these courses depends on the ability of the students, their length of time in New Zealand and their educational goals.

Course placement follows testing by the ESOL Department and discussion with students about their goals.

The Year 11 and Year 12 English for Academic Purposes courses aim to bridge the gap these students will find between their present level of English and the language they will encounter in their other subjects and to lay a foundation for developing their academic language skills. These courses will also help learners develop the social language they need at school and in the wider community. They provide students with the opportunity to gain NCEA standards at Levels 1, 2 and 3. Some students also have the opportunity to gain Level 1 and 2 Literacy credits.

YEAR 11-12 ENGLISH FOR ACADEMIC PURPOSES

EAP101

The Year 11 English for Academic Purposes course is for students who are at a Pre-Intermediate level, who will typically have an *Oxford Placement Test* score in the range from 110 to 125. The course will include some of the following, depending on the needs of the students: Reading Comprehension, Writing Reports and Writing Recounts. There may also be an assessment of a Formal Speech.

The Year 12 English for Academic Purposes course is for students who are at an Intermediate level, who will typically have an *Oxford Placement Test* score in the range of 126 to 140. The course will include some of the following, depending on the needs of students: Wide Reading, Formal Writing, Film Review, Poetry Study and Film Study.

OTHER ESOL COURSES

In addition to this course, we also offer other ESOL courses. These can be at any level. They may be for students at a lower or higher level than the English for Academic Purposes courses or they could be for those same students who require additional ESOL assistance. These classes focus on subject support and language extension. At Year 12 and 13 levels there will be provision for the completion of NCEA literacy Standards that students have already begun in Years 11 and 12.

Provision will also be made for those students wishing to prepare for international examinations such as IELTS, TOEFL and the Cambridge examinations such as FCE and CAE.



PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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ENGLISH FOR ACADEMIC PURPOSES

NCEA LEVEL 1

EAP 101

What will I learn?

EAP 101 will help learners develop the language you need at school and in the wider community. It provides students with the opportunity to gain NCEA standards at Levels 1 and 2.

Entry Requirements

Course placement follows testing by the ESOL Department and discussion with students about their goals.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90857 v2	Deliver a speech in a formal situation.	3							✓	
2	AS31002 v1	Read and understand a straightforward text for a practical purpose (EL)	5								
2	US31026 v1	Present information on a familiar topic (EL)	5								
2	AS27983 v3	Read and understand texts on familiar topics (EL)	8								
2	US27999 v3	Write a simple connected text on a familiar topic (EL)	5								
2	US30995 v1	Read and understand a straightforward text on a familiar topic	5								

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Where does this lead to?

Senior English course

Teacher in charge:

Mr Mutch



HEALTH

Head of Department: Haley Charles

Why Study Health Education?

By studying Health, you will develop the competencies to become confident, connected, actively involved, lifelong learners, ready to contribute to the future well-being of New Zealand

What is Health Education About?

- It is about learning to accept and see differing perspectives to an issue
- Being aware of the main ethical issues New Zealand faces
- If someone has a problem, looking at the determinants and factors that may have made the person that way for example, learning not to judge someone, and helping by finding the cause, not just curing the disease

Learning in Health Education

- Supports personal growth
- Challenges thinking about what is fair and just
- Builds resilience and explores issues
- Develops skills for health promotion
- Creates learning pathways

Careers that Health can lead to:

- Education
- Psychology
- Sociology
- Philosophy
- Politics
- Law
- Economics
- Medicine
- Health
- Justice
- Social Services



Health is everything.



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HEALTH

NCEA LEVEL 1

HEA 101

What will I learn?

This course will look at the development of factors that influence the health of individuals, groups and society. It will give you the opportunity to take action to enhance well-being, demonstrate understanding of ways in which well-being can change and strategies to support well-being, demonstrate understanding of interpersonal skills used to enhance relationships, demonstrate understanding of strategies for promoting sexuality, and demonstrate understanding of issues to make health-enhancing decisions in drug-related situations.

Entry Requirements

A good level of achievement in Year 10 Health or with TiC recommendation.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90971 v3	Take action to enhance an aspect of personal well-being	3							✓	
1	AS91097 v3	Demonstrate understanding of ways in which well-being can change and strategies to support well-being	4							✓	
1	AS90973 v3	Demonstrate understanding of interpersonal skills used to enhance relationships	5							✓	
1	AS90974 v4	Demonstrate understanding of strategies for promoting positive sexuality	4							✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90975 v2	Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	4							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1. It is highly recommended that for any student who is considering taking Health in Years 12 and 13 take this course.

Where does this lead to?

Year 12 Health – HEA 201

Teacher in charge:

Ms Charles

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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HEALTH

NCEA LEVEL 2

HEA 201

What will I learn?

This course will continue to look at the development of factors that influence the health of individuals, groups and society. Topics covered include: analysis of an adolescent health issue; evaluating factors that influence people's ability to manage change; taking action to enhance an aspect of people's well-being within the school community; analysis of interpersonal issue(s) that places personal safety at risk; analysis of issues related to sexuality and gender to develop strategies for addressing the issues.

Entry Requirements

A minimum of 12 credits in HEA 101 or 15 credits in either ENG 101 or at Teacher in Charge approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91236 v2	Evaluate factors that influence people's ability to manage change.	5			SR						✓	
2	AS91237 v2	Take action to enhance an aspect of people's well-being within the school or wider community.	5			SR						✓	
2	AS91239 v2	Analyse issues related to sexuality and gender to develop strategies for addressing the issues.	5			SR						✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91235 v2	Analyse an adolescent health	5									✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Level 3 Health - HEA 301

Teacher in charge:

Ms Charles

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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HEALTH

NCEA LEVEL 3	HEA 301
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What will I learn?

The course will further look at the development of factors that influence the health of individuals, groups and society. It will give you the opportunity to analyse a New Zealand health and international health issue; evaluate health practices currently used in New Zealand; analyse a contemporary ethical issue in relation to well-being; and evaluate models for health promotion.

Entry Requirements

A minimum of 14 Achievement Standard credits in NCEA Level 2 Health or 15 Achievement Standard credits in English 201 or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91461 v1	Analyse a New Zealand Health issue	5								✓	✓	
3	AS91463 v1	Evaluate health practices currently used in New Zealand	5								✓	✓	
3	AS91464 v1	Analyse a contemporary ethical issue in relation to well-being	4								✓	✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91462 v1	Analyse an international health issue	5							✓	✓	✓	
3	AS91465 v1	Evaluate models for health promotion	5							✓	✓	✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?
University and/or WelTec

Teacher in charge:
Ms Charles

INTERNATIONAL LANGUAGES

Head of Department: Chitose Izuno

Languages are optional at all levels. It is not possible to take a language in the senior school if you have never studied it before. The longer you continue to learn a language the more fluent you will become and the more useful it will be for your future.

Why learn another language?

Economics

- The cross-cultural and communicative competence coming from language learning will be an advantage for those of you who go on to study or work overseas, where competition for jobs is more fierce
- Students who develop some proficiency in a different language will be able to play a role in local tourism and growing New Zealand's export business

Learning Benefits

- Learning a language gives you a better understanding and practical grasp of your first language
- There are cognitive benefits that come from learning languages – learning a language will help with your study in other Learning Areas
- You will experience the huge personal satisfaction and fun of being able to communicate in another language

Culture and Identity Benefits

- Learning a language gives you an understanding of another culture and of a different worldview.
- It allows you to learn how to be outside your cultural 'comfort zone' and to develop positive attitudes to difference
- You will also become more aware of your own worldviews and cultural identity

Social and Societal Benefits

- Learning a language helps you to learn the Key Competencies of Relating to others and Managing self, as well as giving you the confidence to make mistakes and take risks
- Cross-cultural skills will be necessary for all New Zealanders as our country continues to diversify culturally and we welcome increasing numbers of tourists, students and migrants from other countries.



PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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JAPANESE

NCEA LEVEL 1

JPN 101

What will I learn?

This year in Japanese you will be working at Level 5 & 6 of the New Zealand Curriculum (Ministry of Education 2007). You will develop your ability to understand and produce more complex language, to communicate beyond the immediate context, for example, past and future events, and to understand and produce different text types.

Entry Requirements

A good level of achievement in Year 10 Japanese or with HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90895 v2	Interact using spoken Japanese to communicate personal information, ideas and opinions in different situations.	5								
1	AS90897 v2	Write a variety of text types in Japanese on areas of most immediate relevance.	5						SR		

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90893 v2	Demonstrate understanding of a variety of spoken Japanese texts on areas of most immediate relevance.	5						SR		
1	AS90896 v2	Demonstrate understanding of a variety of Japanese texts on areas of most immediate relevance.	5								

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Where does this lead to?

Level 2 Japanese – JPN 201.

Tertiary study in NZ or Japan – Language trained people can be found in Government departments, media, tourism, teaching, scientific research and development, commerce and law.

Teacher in charge:

Izuno sensei

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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JAPANESE

NCEA LEVEL 2

JPN 201

What will I learn?

This year in Japanese you will be working at Levels 7 of the New Zealand Curriculum (Ministry of Education 2007). You will develop your language skills so that you can begin to engage in sustained interactions and produce increasingly extended texts, in which you explore the views of others, develop and share personal perspectives and justify, support or challenge ideas and opinions in different situations. You will also be expected to begin responding critically to more extended and varied text types on familiar matters.

Entry Requirements

A minimum of 14 Achievement Standard credits at previous level or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91134 v2	Interact using spoken Japanese to share information and justify ideas and opinions in different situations.	5		SR								
2	AS91137 v2	Write a variety of text types in Japanese to convey information, ideas, and opinions in genuine contexts.	5										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91133 v2	Demonstrate understanding of a variety of spoken Japanese texts on familiar matters.	5										
2	AS91136 v2	Demonstrate understanding of a variety of written and/or visual Japanese text(s) on familiar matters.	5		SR								

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Level 3 Japanese - JPN 301.

Tertiary study in NZ or Japan – Language trained people can be found in Government departments, media, tourism, teaching, scientific research and law.

Teacher in charge:

Izuno sensei

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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JAPANESE

NCEA LEVEL 3

JPN 301

What will I learn?

This year in Japanese you will be working at Level 8 of the New Zealand Curriculum (Ministry of Education 2007). You will be developing your language skills so that you are able to use Japanese variably and effectively to justify your ideas and opinions, and support and challenge those of others. You will also develop your ability to use and identify the linguistic and cultural forms that guide interpretation and enable you to respond critically to texts.

Entry Requirements

A minimum of 15 Achievement Standard credits in NCEA Level 2 Japanese or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91555 v2	Interact clearly using spoken Japanese to explore and justify varied ideas and perspectives in different situations.	6										
3	AS91557 v2	Write a variety of text types in clear Japanese to explore and justify varied ideas and perspectives.	5										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91553 v2	Demonstrate understanding of a variety of extended spoken Japanese texts.	5										
3	AS91556 v2	Demonstrate understanding of a variety of extended written and/or visual Japanese texts.	5										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Tertiary study in NZ or Japan – Language trained people can be found in Government departments, media, tourism, teaching, scientific research and development, commerce and law.

Teacher in charge:

Izuno sensei

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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SPANISH

NCEA LEVEL 1

SPA 101

What will I learn?

This year in Spanish you will be working at Level 5 & 6 of the New Zealand Curriculum (Ministry of Education 2007). You will develop your ability to understand and produce more complex language, to communicate beyond the immediate context, for example, past and future events, and to understand and produce different text types.

Entry Requirements:

A good level of achievement in Year 10 Spanish or HOD approval

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
1 SPA 1.3	AS90910 v2	Interact using spoken Spanish to communicate personal information, ideas and opinions in different situations.	5										
1 SPA 1.5	AS90912 v2	Write a variety of text types in Spanish on areas of most immediate relevance.	5						SR				

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
1 SPA 1.1	AS90908 v2	Demonstrate understanding of a variety of spoken Spanish texts on areas of most immediate relevance.	5						SR				
1 SPA 1.4	AS90911 v2	Demonstrate understanding of a variety of Spanish texts on areas of most immediate relevance.	5										

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Where does this lead to?

Level 2 Spanish – SPA 201.

Tertiary study in NZ or Spanish speaking countries – Language trained people can be found in Government departments, media, tourism, teaching, scientific research and development, commerce and law.

Teacher in charge:

Ms Burke

TE REO MAORI

Head of Department: Jackie Awa

Ki ngā hau tapu, tawhitō

Ki nga kawai rangatira tuturu

Ki nga toto Ariki o nga Atua

Ki nga maunga kōrero, karanga, karakia

Ki nga awa manawa, manaaki, tiaki a tatou

Ki nga hapu, nga whanau

Tena koutou, tena koutou, tena koutou katoa

Languages are optional at all levels. It is not possible to take Te Reo Māori in the senior school if you have not studied it before.

Why is Learning Te Reo Māori important:

Te Reo Māori is the language indigenous to Aotearoa. Every one has the opportunity to learn Te Reo Māori. By learning Te Reo Māori young New Zealanders can become much more aware of the role that Māori identity, language and culture play in our countries identity.

Why learn Te Reo Māori:

Effective communication in another language is more than simply using different words to convey a message, and it involves more than learning. It is about helping students to explore, the beliefs, values, and patterns that shape the Māori interpretations of this wider, changing world. For some students this will be an opportunity to explore their own Māori identity, language and culture.

Taking Te Reo Maori will help in the following careers:

Te Reo Māori is offered in all Universities and Tertiary institutes in New Zealand. Many aspects of Te Reo Māori are helpful in, Mahi Toi, creative arts, communications, Media studies including presenters, Te Karere, Waka Huia, Documentaries, Journalism, Newspaper writer, tourism, treaty negotiations, local and national government etc.

Cross cultural skills will be a necessity for all New Zealanders as our country continues to diversify culturally as we welcome increasing numbers of tourists, students and migrants from other countries.

Kia ora mai tātou.



PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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TE REO MAORI

NCEA LEVEL 1	MAO 101
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What will I learn?

Students will focus on Listening/Whakarongo, Writing/Tuhituhi, Speaking/Korero and Presenting/Whakaaturanga.

Entry Requirements

A good level of achievement in Year 10 Maori or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91085 v3	Whakarongo kia mohio ki te reo o tona ao.	6							✓	
1	AS91086 v3	Korero kia whakamahii te reo o tona ao.	6							✓	
1	AS91089 v3	Waihanga tuhinga i te reo.	6							✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91087 v2	Panui kia mohio ki te reo o tona ao.	6							✓	
1	AS91088 v2	Tuhituhi.: Tuhi i te reo o tona ao.	6							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Where does this lead to?

Level 2 Te Reo Maori – MAO 201

Teacher in charge:

Mr Awa

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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TE REO MAORI

NCEA LEVEL 2	MAO 201
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What will I learn?

Students will focus on Listening/Whakarongo, Writing/Tuhituhi, Speaking/Korero and Presenting/Whakaaturanga.

Entry Requirements

14 credits from MAO101 including external assessments, or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91284 v3	Whakarongo kia mohio ki te reo o te ao torotoro.	6									✓	
2	AS91285 v3	Korero kia whakamahi i te reo o te ao torotoro.	6		SR							✓	
2	AS91288 v3	Waihanga tuhuinga auaha.	6		SR					✓		✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91286 v3	Panui ka mohio kit e reo o te ao torotoro.	4								✓	✓	
2	AS91287 v3	Tuhi i te reo o te ao torotoro.	6							✓		✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Level 3 Te Reo Maori – MAO 301

Teacher in charge:

Mr Awa

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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TE REO MAORI

NCEA LEVEL 3	MAO 301
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What will I learn?

Students will focus on Listening/Whakarongo, Writing/Tuhituhi, Speaking/Korero and Presenting/Whakaaturanga.

Entry Requirements

14 credits from MAO 201 including external assessments, or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91650 v2	Whakarongo kia mohio kit e reo Maori o tea o whanau.	4									✓	
3	AS91651 v2	Korero kia whakamahi i te reo Maori o tea o whanau.	6									✓	
3	AS01654 v2	Waihanga tuhinga whau take i te reo Maori o tea o whanui.	6							✓		✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91652 v2	Panui kia mohio kit e reo Maori o tea o whanui.	6								✓	✓	
3	AS91653 v2	Tuhi i te reo Maori o tea o whanui.	6							✓		✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Please note that running this course is subject to sufficient students choosing the option. It will be offered through Te Aho o te Kura Pounamu (Correspondence School) if low numbers make this necessary.

Where does this lead to?

University, jobs in a variety of careers including tourism, performing arts, media and government departments.

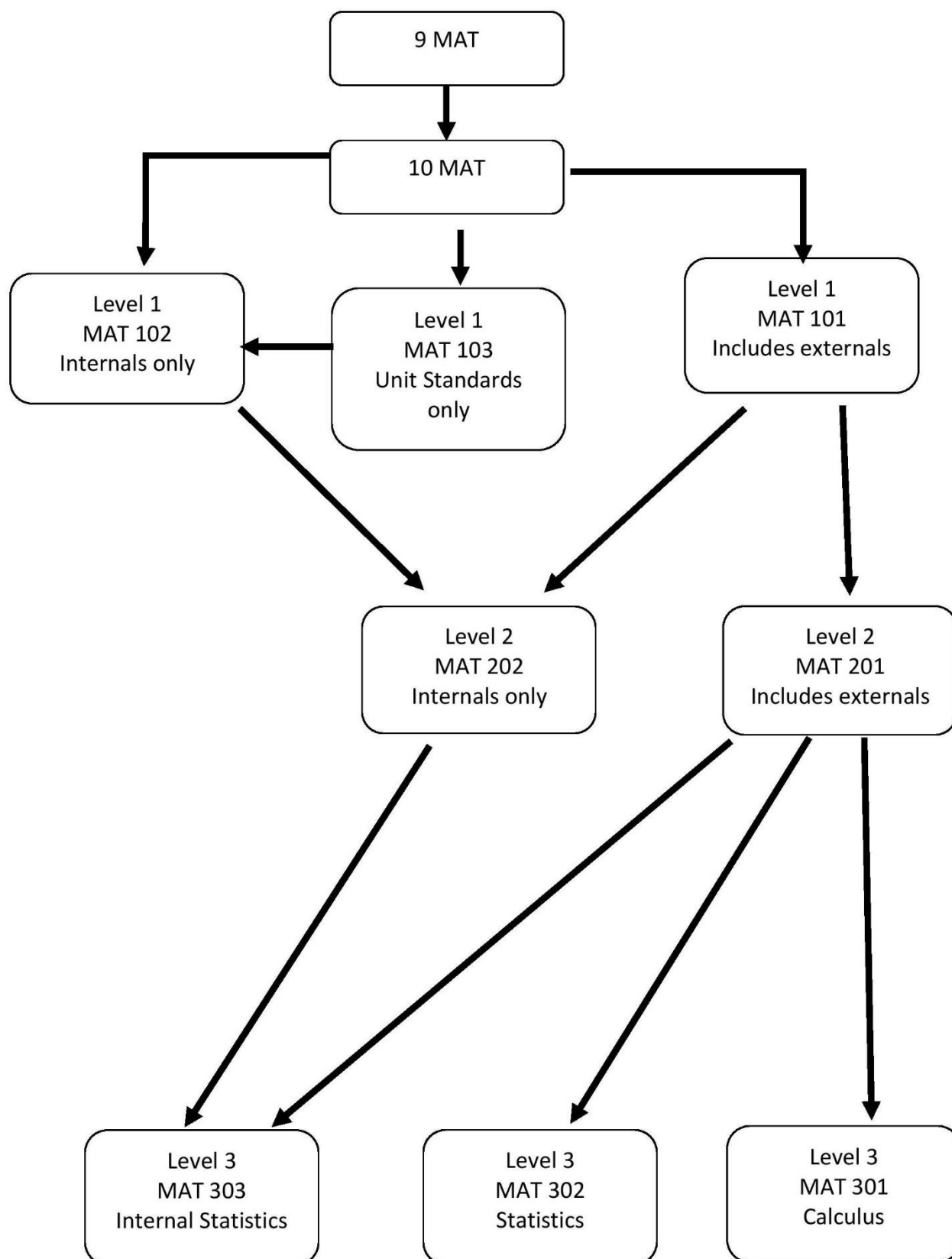
Teacher in charge:

Mr Awa

MATHEMATICS

Head of Department: Andrew Gurney

The Mathematics Department offers 3 courses at Year 11, 2 at Year 12 and 3 at Year 13 for NCEA.



PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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MATHEMATICS

NCEA LEVEL 1

MAT 101

What will I learn?

Algebra and Graphs
Statistics and Probability
Number

Entry Requirements:

A reasonable completion of Year 10 course work at Head of Department discretion

How is this course assessed?

Internal Assessments – written tests or assignments (completed individually) run over 1 or 2 class periods each.

External Assessment – an external examination in November written by the New Zealand Qualifications Authority (NZQA).

The Algebra Common Assessment Task (MCAT) is an External held at school in September, and NO technology is allowed for this assessment (e.g. NO CALCULATORS allowed).

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
1	AS91026 v3	Apply numeric reasoning in solving problems.	4										✓
1	AS91029 v3	Apply linear algebra in solving problems.	3										✓
1	AS91035 v3	Investigate a given multivariate data set using the statistical enquiry cycle.	4									✓	✓
1	AS91036 v3	Investigate a bivariate data set using the statistical enquiry cycle.	3									✓	✓

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
1	AS91027 v3	Apply algebraic procedures in solving problems.	4										✓
1	AS91037 v3	Demonstrate understanding of chance and data.	4										✓

Notes: Remember you need 10 Literacy and 10 Numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended: 6 individual Workbooks approx. \$35

Where does this lead to?

Level 2 Mathematics (MAT 201 or 202)

Teacher in charge:

Mr Gurney

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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MATHEMATICS

NCEA LEVEL 1	MAT 102
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What will I learn?

Linear Algebra
Statistics and Probability
Measurement
Number
Geometry

Entry Requirements:

Head of Department discretion (generally open entry)

How is this course assessed?

Internal Assessments – written tests or assignments (completed individually) run over 1 or 2 class periods each
Internal Unit Standards – a collection of work in a portfolio to meet the requirements of the standards

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
1	AS91026 v3	Apply numeric reasoning in solving problems.	4										✓
1	AS91029 v3	Apply linear algebra in solving problems.	3										✓
1	AS91030 v3	Apply measurement in solving problems.	3										✓
1	AS91036 v3	Investigate bivariate numerical data using the statistical enquiry cycle.	3									✓	✓
1	AS91038 v3	Investigate a situation involving elements of chance.	3									✓	✓
1	US 26623 v4	Use number to solve problems.	4										✓
1	US 26626 V4	Interpret statistical information for a purpose.	3										✓
1	US 26627 V4	Use measurement to solve problems.	3										✓

Notes: Remember you need 10 Literacy and 10 Numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended: 5 individual Workbooks approx. \$30

Where does this lead to?

Level 1 Mathematics - MAT 101 or
Level 2 Mathematics - MAT 202

Teacher in charge:

Mr Gurney

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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MATHEMATICS with UNIT STANDARDS

NCEA LEVEL 1

MAT 103

What will I learn?

Statistics

Measurement

Number

Entry Requirements:

Head of Department discretion

How is this course assessed?

Internal Unit Standards – a collection of work in a portfolio to meet the requirements of the standards

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
1	US 26623 v4	Use number to solve problems.	4										✓
1	US 26626 v4	Interpret statistical information for a purpose.	3										✓
1	US 26627 v4	Use measurement to solve problems.	3										✓

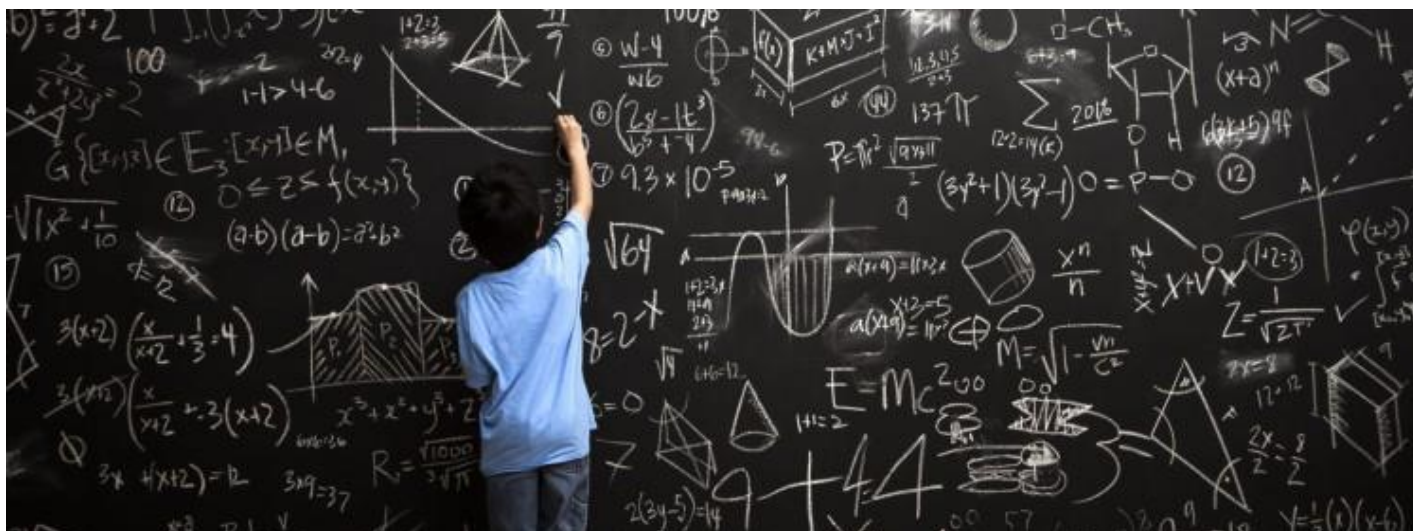
Notes: Remember you need 10 Literacy and 10 Numeracy credits to gain NCEA Level 1.

Where does this lead to?

Level 1 Mathematics - MAT 102

Teacher in charge:

Mr Gurney



PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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MATHEMATICS

NCEA LEVEL 2	MAT 201
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What will I learn?

Statistics and Probability
Trigonometry
Sequences
Co-ordinate Geometry
Calculus

Entry Requirements:

12 Level 1 credits which must include Achievement Standard 91027 Algebraic Reasoning

How is this course assessed?

Internal Assessments – written tests or assignments (completed individually) run over 1 or 2 class periods each.
External Assessment – an external examination in November written by the New Zealand Qualifications Authority (NZQA).

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91256 v3	Apply co-ordinate geometry methods in solving problems.	2										✓
2	AS91258 v3	Apply sequences and series in solving problems	2										✓
2	AS91259 v3	Apply trigonometrical methods in solving problems	3										✓
2	AS91264 v3	Use statistical methods to make an inference.	4									✓	✓

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91262 v3	Apply calculus methods in solving problems.	5										✓
2	AS91267 v3	Apply probability methods in solving problems.	4									✓	✓

Notes: SR are Sector Related Standards in the Vocational Pathway.

For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended: 6 individual Workbooks approx. \$35

Where does this lead to?

Level 3 Calculus - MAT 301 or
Level 3 Statistics - MAT 302

Teacher in charge:

Mr Gurney

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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MATHEMATICS

NCEA LEVEL 2	MAT 202
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What will I learn?

Sequences and Equations
Co-ordinate Geometry
Statistics and Probability
Trigonometry

Entry Requirements:

12 Level 1 credits from MAT 101 or 12 Level 1 credits from MAT 102

How is this course assessed?

Internal Assessments – written tests or assignments (completed individually) run over 1 or 2 class periods each.

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91256 v3	Apply co-ordinate geometry methods in solving problems.	2										✓
2	AS91258 v3	Apply sequences and series in solving problems.	2										✓
2	AS91259 v3	Apply trigonometric relationships in solving problems.	3										✓
2	AS91264 v3	Use statistical methods to make an inference.	4									✓	✓
2	AS91265 v3	Conduct an experiment to investigate a situation using statistical methods.	3				SR					✓	✓
2	AS91268 v3	Investigate a situation involving elements of chance using a simulation.	2									✓	✓
2	AS91269 v3	Apply systems of equations in solving problems.	2										✓

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended: 3x UHC created Workbooks approx. \$15

Where does this lead to?

Level 3 Statistics - MAT 302 or 303
Level 2 Maths - MAT 201

Teacher in charge:

Mr Gurney or Ms Hall

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MATHEMATICS with CALCULUS

NCEA LEVEL 3

MAT 301

What will I learn?

Differentiation (techniques, rates of change, applications)

Integration (techniques, applications, kinematics, differential equations)

Trigonometry (modelling, solving equations and manipulating expressions)

Conics (graphs, applications)

Entry Requirements:

14 Level 2 Credits including Achievement Standard 91262 Calculus

How is this course assessed?

Internal Assessments – written tests or assignments (completed individually) run over 1 or 2 class periods each.

External Assessment – an external examination in November written by the New Zealand Qualifications Authority (NZQA).

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91575 v2	Apply trigonometric methods in solving problems.	4										✓
3	AS91573 v2	Apply the geometry of conic sections in solving problems.	3										✓

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91578 v2	Apply differentiation methods in solving problems.	6										✓
3	AS91579 v2	Apply integration methods in solving problems.	6										✓

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended: 4x individual Workbooks approx. \$30

Where does this lead to?

Pure Mathematics, Engineering or Science (e.g. Physics).

Many universities require this subject as a pre-requisite for Accounting, Economics, Computing, Surveying, Architecture, Dentistry, Medical Studies, etc.

Teacher in charge:

Mr Gurney

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MATHEMATICS with STATISTICS

NCEA LEVEL 3

MAT 302

What will I learn?

Time series graphs analysis
Bivariate data analysis
Probability
Equations in a statistical context
Modelling applications

Entry Requirements:

12 Level 2 Credits including Achievement Standards 91264 Statistics and 91267 Probability

How is this course assessed?

Internal Assessments – written tests or assignments (completed individually) run over 1 or 2 class periods each.
External Assessment – an external examination in November written by the New Zealand Qualifications Authority (NZQA).

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91574 v2	Apply linear programming methods in solving problems.	3										✓
3	AS91581 v2	Investigate bivariate measurement data.	4									✓	✓
3	AS91582 v2	Use statistical methods to make a formal inference.	3									✓	✓
3	AS91587 v2	Apply systems of simultaneous equations in solving problems.	3										✓

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91585 v2	Apply probability concepts in solving problems.	4										✓
3	AS91586 v2	Apply probability distributions in solving problems.	4										✓

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended: 6x individual Workbooks approx. \$30

Where does this lead to?

Pure and applied Mathematics, Commerce, and Social Sciences
Many universities require this subject as a co-requisite for
Accounting, Economics, Computing, Biology, Chemistry, Geography,
Psychology and Medical Studies.

Teacher in charge:

Mr Gurney or Mrs Hall

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MATHEMATICS WITH INTERNAL STATISTICS

NCEA LEVEL 3

MAT 303

What will I learn?

Time series graphs analysis

Bivariate data analysis

Equations in a statistical context

Statistical experiments and inference

Entry Requirements:

12 Level 2 Credits from MAT 201 or 12 Level 2 Credits from MAT 202

How is this course assessed?

Internal Assessments – written tests or assignments (completed individually) run over 1 or 2 class periods each.

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91574 v2	Apply linear programming methods in solving problems.	3										✓
3	AS91581 v2	Investigate bivariate measurement data.	4									✓	✓
3	AS91582 v2	Use statistical methods to make a formal inference.	3									✓	✓
3	AS91583 v2	Conduct an Experiment to Investigate a Situation Using Experimental Design Principles.	4									✓	✓
3	AS91587 v2	Apply systems of simultaneous equations in solving problems.	3										✓

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended: 5x individual Workbooks approx. \$30

Where does this lead to?

Applied Mathematics, Commerce, and Social Sciences.

Many universities require this subject as a co-requisite for Accounting, Economics, Biology, Geography and Psychology.

Teacher in charge:

Mr Gurney or Mrs Hall

MEDIA STUDIES

Head of Department: Zondree Pierre

Introduction

Media Studies is an academic subject that focuses on the active exploration, analysis, creation, and enjoyment of the media and its products. Media Studies at Upper Hutt College has a strong focus on film media, although students will also be exposed to other media such as television, print and the Internet.

Media Studies examines the dynamic role of the media in society, how the media constructs messages about individuals, communities, and cultures and how media products are produced, controlled, and distributed.

Through Media Studies students gain the knowledge and skills to conceive, plan, design and make media products that engage audiences.

Why choose Media Studies?

During our courses you will:

- Develop expertise in creating and producing media products (music videos, commercials, trailers, news items, short films)
- Improve Research Skills
- Improve higher-order thinking skills
- Participate in project-based learning experiences
- Learn to use hardware and software related to audio-video manipulation
- Work with stimulating and creative ideas

Where Can Media Studies Lead?

Media Studies is major at all major universities around the world. It is also a strong part of creative arts, communications and commerce. Media Studies can lead to careers in any aspect of the media including; TV presenter, radio broadcaster, film editor, producer, communications manager, marketing manager, PR director, copywriter, scriptwriter, reviewer, journalist, magazine or newspaper writer or editor. Media Studies also leads into tertiary study in University and other tertiary institutes for courses in Media Studies, Film and Television, Animation, Creative Arts, Psychology, Linguistics Communications, Sociology, Law, Literature and film studies.

What Media Studies options are available at UHC?

Year 12 Media Studies (NCEA Level 2)

Year 13 Media Studies (NCEA Level 3)

Prerequisite: For guaranteed entrance to Level 2 Media Studies students need 15 Credits in NCEA Level 1 English Achievement Standards OR 15 Credits in NCEA Level 1 Drama. For guaranteed entry into Level 3 Media Studies students need 15 Credits in NCEA Level 2 Media Studies.

If these requirements are not met, entrance to the courses are at the Head of Department's discretion.

Assessment: Assignments and portfolios will be assessed for NCEA Level 2 & 3 Achievement Standards.



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MEDIA STUDIES

NCEA LEVEL 2

MED 201

What will I learn?

Throughout the year you are going to be exposed to different film types and genres. You are going to learn how to decode films, how to critically analyse and interpret the multi layered information embedded within them. You will analyse how film genre is shaped by and changes with the society in which it is created, and you will analyse the causes and effects of how groups are represented in the media.

Entry Requirements

15 credits in NCEA Level 1 English or Drama or by HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91249 v3	Demonstrate understanding of narrative in media texts.	4									✓	
2	AS91250 v3	Demonstrate understanding of representation in the media.	3									✓	
2	AS91252 v3	Produce a design and plan for a developed media product using a range of conventions.	4									✓	
2	AS91253 v3	Complete a developed media product from a design and plan using a range of conventions.	6						SR			✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91251 v4	Demonstrate understanding of an aspect of a media genre.	4							✓	✓	✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Other: Wellington International Film Festival - \$20.00
48 hrs Film Festival - \$40.00.

Where does this lead to?

Level 3 Media Studies - MED 301

Teacher in charge:

Mr Pierre

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MEDIA STUDIES

NCEA LEVEL 3

MED 301

What will I learn?

Throughout the year you are going to be exposed to different film types and genres. You are going to learn how to decode films, how to critically analyse and interpret the multi layered information embedded within them. You will analyse how film genre is shaped by and changes with the society in which it is created, and you will analyse the causes and effects of changes and developments in the media.

You will also design and produce your own media products using a vast array of technologies.

Entry Requirements

A minimum of 15 Achievement Standard credits in NCEA Level 2 Media Studies or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	91491 v2	Demonstrate understanding of the meaning of a media text through different readings	3									✓	
3	91494 v2	Produce a design for a media product that meets the requirements of a brief	4									✓	
3	91495 v2	Produce a media product to meet the requirements of a brief	6									✓	
3	91496 v2	Demonstrate understanding of a significant development in the media	3									✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	91493 v2	Demonstrate understanding of a relationship between a media genre and society	4							✓	✓	✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Possible fieldtrips - \$50.00 total approximately.

Where does this lead to?

University and other tertiary institutes for courses in Media Studies, Film and Television, Animation, Creative Arts, Psychology, Linguistics Communications, Sociology, Law, Literature and film studies.

Teacher in charge:

Mr Pierre

MUSIC

Head of Department: Jill Owen

Why take Music?

Music studies at school are not just for students who wish to follow a career path in Music. Skills and key competencies learnt in this discipline are transferable to a wide range of careers. Research has shown that students who take Music develop more self-confidence, are conditioned to work hard for results, are more creative, and are better at problem-solving and analysing patterns (Maths), they can work better in a group, and connect more easily with others. Credits in Level 3 Music carry just as much weight for University Entrance as any other subject and are valued by many other disciplines. For example:

"I am a strong advocate for the role of music for health professional students. Apart from producing more well-rounded professionals who can engage more widely with life in general, the transferable skills that come with a musical background are invaluable." **Prof Sunny C Collings, Dean and Head of Campus, University of Otago, Wellington**

"A number of our best law students have studied music to a senior level. I have no doubt that the discipline required to study music and the brain development which the study of music enhances are a major asset for studying law and other disciplines."

Professor Mark Henaghan, Dean of Law, University of Otago

Music is not only a path to a career as a musician, but also a path to many other careers:

- Acoustics engineer
- Artist manager
- Arts administrator/arts management (includes grant writing and fundraising, managing events, arts advocacy, programming, house manager)
- Audio production (editing, audio engineering, audio development)
- Composer (professional and school band/orchestra; film/TV/gaming; educational publishing; children's music; religious music; musical theatre; commercials)
- Cruise ship entertainer
- Educator
- Electronic production and design (including audio engineering, mastering, mixing, music directing, producing, program directing, programming, recording engineer, studio manager, MIDI technician)
- Entertainment lawyer
- Event production
- Film, TV, gaming music
- Fundraiser, grant writer
- Instrument repair and restoration
- Lyricist
- Marketing
- Media development
- Music app developer
- Music critic, reviewer, blogger
- Music licensing
- Music programmer (for events, clubs, restaurants)
- Music publishing (online and print writing, copywriting, editing, managing, proofreading, publishing, researching)
- Music therapist
- Music web producer
- Musicologist
- Personnel Manager (orchestras, arts organizations, shows, events)
- Producer
- Promoter
- Public relations agent or coordinator
- Radio (announcing, librarian, manager, programming, research, station broker)
- Recording (producer, engineer)
- Religious music – sacred music
- Royalty analyst, royalty accountant
- Session musician
- Software developer
- Songwriter (including composer, lyricist, producer; jingle writing for television, radio and internet; freelance work; librettist)
- Sound engineer or technician



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MUSIC

NCEA LEVEL 1

MUS 101

What will I learn?

Music 101 builds on skills and knowledge gained in Year 10 Music. You will develop your composition skill and performance skills in both group and solo performance. You will deepen and extend your knowledge of composers and music theory in order to prepare for further study at Level 2. There is an option to gain 4 credits in Music technology but this will be only offered after consultation with the teacher and will be in lieu of one of the standards offered e.g. Group Performance.

Entry Requirements

Previous study of Music at Year 10 and at least 2 years instrumental tuition. Vocalists will be assessed by the HOD. Students must be prepared to enrol in Itinerant tuition and commit to regular practice on their instrument/ voice in their own time. Students will also need to include Group performance rehearsal time into their time management plans.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91090 v3	Perform two pieces of music as a featured soloist.	6								
1	AS91091 v3	Demonstrate ensemble skills by performing a piece of music as a member of a group.	4								
1	AS91092 v3	Compose two substantial pieces of music.	6								

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91094 v2	Demonstrate knowledge of conventions in a range of music scores.	4							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Theory Workbook \$30.00. If students have access to laptops, Mixcraft software for PCs and Garage Band on Macs are highly recommended.

Where does this lead to?

Level 2 Music – MUS 201

Teacher in charge:

Ms Owen

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MUSIC

NCEA LEVEL 2

MUS 201

What will I learn?

Music 201 builds on skills and knowledge gained in MUS101. You will develop your composition and performance skills in both group and solo performance. You will deepen and extend your knowledge of composers and music theory in order to prepare for further study at Level 3. There is an option to investigate an aspect of NZ Music that interests you and also to gain credits in Music technology. Technology standards will be only offered after consultation with the teacher. Please note: **You must not exceed 26 credits when selecting your course.**

Entry Requirements

Previous study of Music in Year 11 and at least 3 years' instrumental tuition. Vocalists will be assessed by the HOD. Students should have gained AS91090, 91091 and 91094. Students must be prepared to enrol in Itinerant tuition and commit to regular practice on their instrument/ voice in their own time. Students will also need to include Group performance rehearsal time into their time management plans.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91270 v2	Perform two substantial pieces of music as a featured soloist,	6										
2	AS91272 v2	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group.	4						SR				
2	AS91271 v2	Compose two substantial pieces of music.	6										
	OR AS91278	Investigate an aspect of NZ Music.	4									✓	
2	AS91273 v2	Devise an instrumentation for an ensemble.	4										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Theory Workbook \$30.00. Possible Fieldtrips. If students have access to laptops, Mixcraft software for PCs and Garage Band on Macs are highly recommended.

Where does this lead to?

Level 3 Music – MUS 301

Teacher in charge:

Ms Owen

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MUSIC

NCEA LEVEL 3

MUS 301

What will I learn?

Music 301 builds on skills and knowledge gained in MUS 201. This is an opportunity to start specialising in the area of music you are most interested in. You can choose standards which reflect your strengths and future career plans. Technology standards are available but will only be offered after consultation with the teacher. Please note: **You must not exceed 24 credits when selecting your course.**

Entry Requirements

Previous study of Music at Year 12 including gaining a minimum of two Achievement Standards from 91270; 91271, and 91276 and at least 4 years instrumental tuition. Vocalists will be assessed by the HOD. Students must be prepared to enrol in Itinerant tuition and commit to regular practice on their instrument/ voice in their own time. Students will also need to include Group performance rehearsal time into their time management plans.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91416 v1	Perform two programmes of music as a featured soloist.	8										
3	AS91418 v1	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group.	4										
3	AS91424 v1 or AS91425 v1	Create two arrangements for an ensemble.	4										
		Research a music topic	6								✓	✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91421 v1	Demonstrate understanding of harmonic and tonal conventions in a range of music scores.	4										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Theory Workbook \$30.00. If students have access to laptops, Mixcraft software for PCs and Garage Band on Macs are highly recommended.

Where does this lead to?

Further tertiary study at University.

Teacher in charge:

Ms Owen

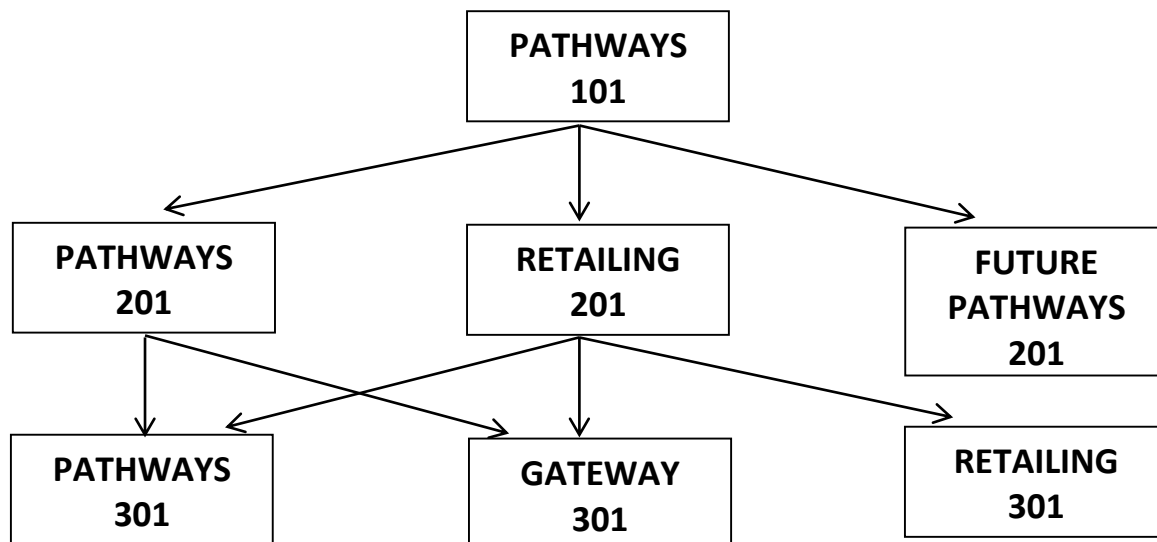
PATHWAYS

Head of Department: Karina Campbell

Pathways, Retail, Gateway, Future Pathways

The Pathways Department offers the following courses:

Pathways, Gateway, Retail, Future Pathways



Pathways

The Pathways courses are aimed at students who wish to take a purely internal based course and will include a variety of internal level 1, 2 and 3 Unit Standards based on life skills and career pathways.

Gateway

The Gateway Programme is offered at Upper Hutt College to selected students from the senior school. Gateway is a programme which opens pathways for students from school to the world of work. This is an opportunity for students to blend school study with workplace learning and experience, whilst trying out potential career paths. Entry Requirements include a completed application form, Curriculum Vitae and students and parents will need to attend a Gateway interview.

Retail

These courses provide students with a chance to learn customer service and business skills. A selection of Level 2 & 3 unit standards is provided and students are rostered to work with co-barista trainees and customers in the school shop - Espresso Blue.



Future Pathways

This course is suited to students who do **not** intend to return to school for Year 13 and want to begin their career pathway. Entry will require the student to submit an application to the relevant tertiary organisation and gain successful entry into their course. Students will attend school for 3 days a week and their course for the other two days. All students interested in this course must talk to Mrs Campbell.



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PATHWAYS

NCEA LEVEL 1

PAT 101

What will I learn?

This class is designed to meet the needs of the students in terms of the pace at which the content is delivered – this will have an impact on the number of Unit Standards below which are offered. All work in this course is internally assessed and all assessments are completed in the classroom under teacher supervision.

Entry Requirements

Recommendation of Dean or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	US12348 V5	Demonstrate knowledge of anger management.	2								
1	US526 V7	Describe community agencies and services provided.	2								
1	US548 V9	Demonstrate knowledge of management of alcohol and other drugs.	2								
1	US3503 V6	Communicate in a team or group to complete a routine task.	2								
1	US525 V10	Recognise sexual harassment and describe ways of responding	3								
1	US504 V8	Produce a Curriculum Vitae (CV).	2								
1	US496 V10	Produce, implement and reflect on a plan to improve own personal wellbeing	3								

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Where does this lead to?

Level 2 Pathways - PAT 201

Teacher in charge:

Mrs Scott

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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PATHWAYS

NCEA LEVEL 2

PAT 201

What will I learn?

This class is designed for students to develop self-management, and awareness of issues / topics which will be of use to them in their future daily lives.

Entry Requirements

Students who are motivated to achieve but require alternative subject material.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	US8545 v5	Describe factors contributing to, and consequences of crime.	3			SR							
2	US12355 V6	Describe strategies for managing stress	2										
2	US12354 V5	Describe legal implications of living in a rented accommodation and means to prevent or resolve related problems.	4										
2	US12352 V7	Describe aspects of one's own lineage/whakapapa, heritage and cultural identity.	3						SR				
2	US4261 v6	Identify legal rights and obligations in relation to motor vehicle ownership and operation	3										
2	US17676 v4	Conduct a pre-drive vehicle check on a light motor vehicle and start and shut down the vehicle	3										
2	US3465 v6	Describe driving hazards and crash risk reduction strategies and responses to driving hazards	3										

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Level 3 Pathways – PAT 301

Teacher in charge:

Mrs Scott

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PATHWAYS

NCEA LEVEL 3

PAT 301

What will I learn?

This class is designed to provide students with life skills, knowledge and information which will assist them as they enter the workforce.

Note: This course is designed for students who have not completed their NCEA Level 2. There will be **Level 2 and 3 Unit Standards** based on life skills and career pathways.

Entry Requirements

HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	US4251 v8	Plan a Career pathway.	3										
2	US4253 v7	Demonstrate knowledge of job search skills.	3										
3	US9681 v7	Contribute within a team or group which has an objective	3										
3	US1312 v7	Give oral instructions in the workplace	3										
3	US9705 v7	Give feedback on performance in the workplace	3										
3	US11097 v5	Listen actively to gain information in an interactive situation	3										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Life Skills in preparation for the workforce.

Teacher in charge:

Ms Campbell

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FUTURE PATHWAYS

NCEA LEVEL 2

FUT 201

What will I learn?

This option is for students who have a genuine interest in one of the career pathways listed below. Most students who take this option will attend a polytechnic, WelTec Trades Academy or Primary ITO Farming for 1 or 2 days a week completing their course. You will be learning information and skills and completing practicals specific to that career option. In the other three days at school you will complete four other subjects only.

Entry requirements

Students need to complete a separate application to the training organisation. To be considered for the WelTec Trades Academy you need to have gained approximately 50 credits towards your NCEA Level 1 including the 10 numeracy and 10 literacy credits.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Possible Options/Careers	Credits	PI	SI	S&C	M&T	C&I	C
2	Subject specific	Construction Trades	Approx. 40					SR	
2	Subject specific	Engineering and Automotive.	Approx. 40				SR		
2	Subject specific	Hospitality	Approx. 40		SR				
2	Subject specific	Introduction to Sport and Fitness	Approx. 40		SR				
2	Subject specific	Introductory to Animal Care	Approx. 40	SR					
2	Subject specific	Health & Community Support	Approx. 40			SR			
2	Subject specific	Hair & Beauty	Approx. 40		SR				
2	Subject specific	Creative Technology	Approx. 40						SR
2	Subject specific	Farming	Approx. 40	SR					

Notes: Each course will offer approximately 40 Level 2 credits at the training institution and the remainder of credits will be offered at school. Most courses offered at WelTec have Selected Related (SR) standards so students will be eligible to gain a Vocational Pathways Award as well as NCEA Level 2. Students taking this course are likely to attend school between Monday and Wednesday and WelTec on Thursday and Friday. Students must see Ms Campbell if they wish to take this subject.

Where does this lead to?

Further study at a tertiary organisation

Teacher in charge:

Ms Campbell

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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GATEWAY

NCEA LEVELS 2 & 3

GTW 201 / 301

What will I learn?

This is an opportunity for students to blend school study with workplace learning and experience, whilst trying out potential career paths. It will run with a mix of Year 12 and Year 13 students with credits available at Levels 1, 2 and 3.

Entry Requirements

Entrance is limited to 25 students, HOD approval, very good attendance record.

An application and interview process is in place for this course which includes a completed application form and a Curriculum Vitae.

Parental and student attendance at a Gateway interview is compulsory.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	US6400 v6	Manage First Aid in an emergency situation.	2										
2	US6401 v6	Provide First Aid.	1	SR	SR	SR							
1	US6402 v8	Provide basic life support.	1										
3	US30265 v1	Apply health and safety risk assessment to a job role	8										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Gateway is a programme which opens pathways for students from school to the world of work.

Teacher in charge:

Ms Campbell

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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RETAILING

NCEA LEVEL 2

RET 201

What will I learn?

This class is designed for those students wishing to explore careers in the retail / customer service industries. It is a requirement that students in this course work in the student operated Coffee Shop as all assessments are based on knowledge of the operation of the shop, and some have a practical component which must be completed by the supervising teacher.

Entry Requirements

This course is designed for students who have or wish to obtain employment in the Retail / Customer Service sector and who are able to work independently.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	US1277 v7	Communicate information in a specified workplace.	3										
2	US24871 V4	Complete complex forms	2										
2	US11971 v7	Use safe work practices in a retail environment.under supervision	3		SR								
2	US11941 v7	Establish and maintain positive customer service interactions in a retail environment	2		SR								
2	US24997 V4	Demonstrate knowledge of theft and fraud in a retail or distribution environment.	5		SR								
2	US10791 v5	Participate in an informal meeting.	3										
2	US9677 v10	Communicate in a team or group which has an objective.	3					SR					
2	US62 v9	Maintain personal presentation and a positive attitude in a workplace involving customer contact.	3										

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Students are required to participate in the Retailing Barista programme on a rostered basis.

Where does this lead to?

Level 3 Retailing – RET 301.

Teacher in charge:

Ms Campbell

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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RETAILING

NCEA LEVEL 3

RET 301

What will I learn?

This class is designed for those students wishing to explore careers in the retail and customer service industries. It is a requirement that students in this course work in the student operated Coffee Shop as all assessments have a practical component which must be completed by the supervising teacher.

Entry Requirements

Students must have successfully completed the Level 2 Retail Course OR by HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	US11831 v7	Apply skills and qualities of a salesperson in a retail or distribution environment.	6										
3	US11817 v7	Serve customers face to face in a wide range of contexts.	4										
3	US27229 v5	Respond to customer complaints in a retail or distribution environment during customer interactions.	4										
3	US422 v4	Create in-store displays in a retail or distribution environment.	3										
3	US22013 v2	Create and maintain material for presentation of products.	4										
3	US11818 v6	Demonstrate and apply product and/or service knowledge.	2										
3	US1312 v7	Give oral instructions in the workplace.	3										
3	US9705 v7	Give feedback on performance in the workplace.	3										
3	US11097 v5	Listen actively to gain information in an interactive situation.	3										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Students are required to participate in the Retailing Barista programme on a rostered basis

Where does this lead to?

Retail Skills and Customer Service Skills in preparation for the workforce.

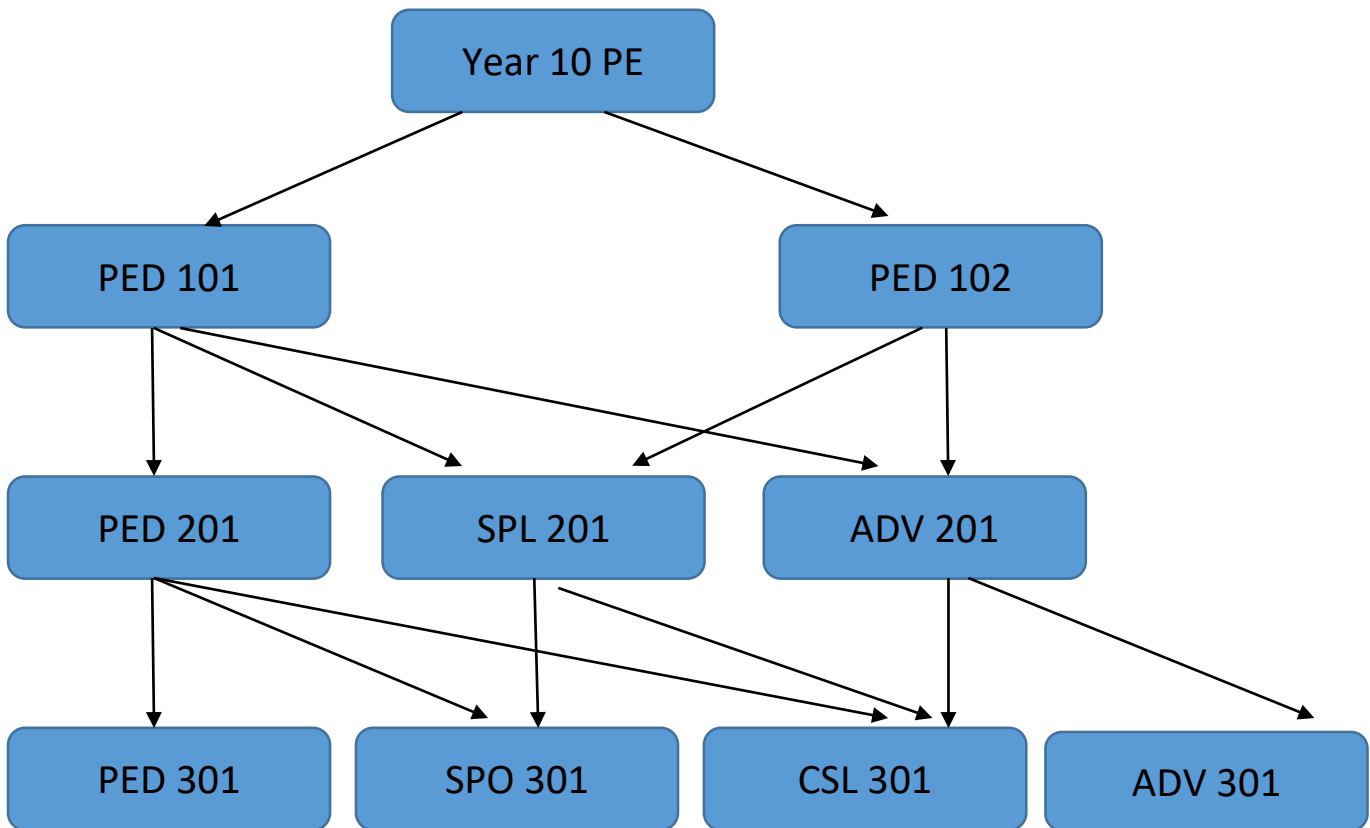
Teacher in charge:

Ms Campbell

PHYSICAL EDUCATION

Head of Department: Stu Berkeley

The Physical Education Department offers senior students many opportunities to extend and develop the skills introduced in the junior school. Many of you will already be involved in sport at Upper Hutt College. Study in one or more of the courses listed here will give you the chance to relate actual experiences to formal study and help improve understanding, performance and, most of all, enjoyment of physical activity.



Careers: Choosing to study Physical or Outdoor Education in senior school can be the first step on an exciting and worthwhile career pathway. Some of the more common career possibilities are listed here:

*Sports Coach
Dancer
Personal Trainer
Recreational
Adventure Tourism*

*Physiotherapist
Sports Manager
Sports Nutrition
Outdoor Instructor
Mountain Guide*

*Teacher
Sports Medicine
Refereeing
Sports Journalism
Event Management*

Even if you are unsure about the value of studying Physical Education in senior school you can be certain that understanding about healthy exercise lifestyles can set you on the course to lifelong health benefits and physically active lives – something none of us can afford to miss out on.

The Courses: All of the courses described here do require students to undertake formal study in Health, Physical or Outdoor Education. The Year 9 and 10 courses were almost exclusively practical in nature, so students will need to quickly accept that senior school study in these subject areas will be much more rigorous and academically demanding. Students will be required to undergo formal assessment at regular intervals throughout the school year. Some standards are taught across courses and students who choose to do 2 PE courses will only be eligible to gain the credits from one standard.

Before you make any decisions please make sure that you check the prerequisites for the courses. For some courses you will be required to have gained a minimum number of credits from another course and/or passed a specific Standard in order to proceed to the next level.

All Senior PE classes require students to have full UHC PE uniform for all practical sessions.

Students can take a maximum of two PE based course.

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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PHYSICAL EDUCATION

NCEA LEVEL 1

PED 101

What will I learn?

This course is focussed around 5 Achievement Standards based in the realm of Physical Education. It extends and reinforces the work done in Years 9 and 10 and introduces elements of exercise physiology, biomechanics and skill learning. Students will be involved in a range of physical activities and will also spend time in the classroom. You must be aware that there is a significant amount of written work in this course and you **MUST** be prepared to accept that this is an integral aspect to studying Physical Education and NCEA.

Students considering this course should be prepared to spend much of their time in the classroom, although there is a practical component requiring generally high performance standards.

Entry Requirements

Open – however a proven record of participation in Physical Education at Year 10 is a must or by HOD approval. Please be aware that a high standard of English is required to achieve the written elements of this course.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90962 v3	My active lifestyle.	5								
1	AS90963 v3	The Human Body and how it moves.	5							✓	
1	AS90964 v3	Demonstrate Quality Movement.	3								
1	AS9067 v3	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes.	3							✓	
1	AS90966 v3	Demonstrate interpersonal skills in a group and explain how these skills impact on others.	4							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended: Refer to the stationery list

Where does this lead to?

Level 2 Physical Education
- PED 201, SPL 201, ADV 201

Teacher in charge:

Miss Pawsey / Mr Weakley
Mr Berkeley

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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PHYSICAL EDUCATION

NCEA LEVEL 1

PED 102

What will I learn?

This course will comprise of Achievement and Unit Standards based in the realm of Physical Education. The course focuses on giving students the opportunities to maintain an active lifestyle, as well as equipping them with the knowledge and skills related to making and maintaining healthy lifestyle choices and participating and leading others. Students will be involved in a range of physical activities and will also spend significant time in the classroom. You must be aware that there is a significant amount of written work in this course and you MUST be prepared to accept that this is an integral aspect to studying Physical Education and NCEA.

Entry Requirements

Open – however a proven record of participation in Physical Education at Year 10 is a must.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90970 v3	Demonstrate self-management strategies and describe the effects on participation in physical activity.	3							✓	
1	AS90969 v3	Take purposeful action to assist others to participate in physical activity.	2								
1	AS90966 v3	Demonstrate interpersonal skills in a group and explain how these skills impact on others.	4							✓	
1	US20137 v1	Mountain bike on easy to intermediate terrain.	1		SR						
1	US20152 v2	Experience and complete abseiling sessions.	1		SR						
1	US20141 v1	Complete beginner orienteering courses.	1		SR						
1	AS90968 v1	Demonstrate, and show understanding of, responsible behaviour for safety during outdoor education activities.	3							✓	
1	AS90964 v2	Demonstrate quality movement in the performance of a physical activity.	3								

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Outdoor fieldtrip \$10.

Where does this lead to?

Level 2 SPL 201, ADV 201.

Teacher in charge:

Mrs Page

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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PHYSICAL EDUCATION

NCEA LEVEL 2

PED 201

What will I learn?

This course will comprise of NCEA Level 2 Credits in Physical Education. The course includes the following areas of study; Biomechanics & Functional Anatomy, Sociology of Sport, Exercise Physiology, Skill Learning & Sport Psychology and Lifestyle studies. Study in Year 12 Physical Education will prepare students for a career in the Health and Fitness Industry, and will equip them with the foundations for further study at tertiary level.

Students considering this course should be prepared to spend much of their time in the classroom, although there is a practical component requiring generally high performance standards.

Entry Requirements

- A minimum of **13** Credits at NCEA Level 1 Physical Education.
- Must have gained at least an Achieved in AS90963.
- Head of Department discretion.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91334 v2	Demonstrate social responsibility through physical activity	3										
2	AS91328 v2	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills.	4		SR							✓	
2	AS91329 v2	Demonstrate understanding of the application of biophysical principles to training for a physical activity.	4		SR				SR			✓	
2	AS91330 v3	Perform a physical activity in an applied setting.	3										
2	AS91332 v1	Evaluate leadership strategies that contribute to the effective functioning of a group.	4			SR						✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.
Students can study a maximum of two PE subjects in the same academic year.

Where does this lead to?

Level 3 Physical Education
- PED 301, CSL 301 ADV 301 and SPO 301

Teacher in charge:

Mr Fairfield

RY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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ADVENTURE EDUCATION

NCEA LEVEL 2

ADV 201

What will I learn?

This Course focuses on equipping students with the knowledge and skills to pursue a passion for the outdoors. The course comprises of key themes; Bush, Rock, Bike. Students will participate in activities including Navigation, Rock Climbing, Adventure based learning, tramping.

Students considering this course should be prepared to engage in theoretical concepts in the classroom that will allow them to increase their ability to pursue adventure in the outdoors. Students must also understand that this is a restricted numbers course, and as such students will be expected to maintain a high level of discipline or else they put their place at risk.

Students will have the opportunity to participate in an optional camp costing approximately \$250.

Entry Requirements

- Must be able to swim.
- This is a restricted numbers course and attendance records from the previous year will be a large consideration when selecting students for the course.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	US467 v5	Participate in different Adventure based learning activities.	3		SR	SR							
2	US425 v6	Experience Day Tramps	3		SR								
2	US20138 v6	Select, set up and maintain a mountain or cycle touring bike.	3		SR								
2	AS 91330 v3	Perform a physical activity in an applied setting.	4										
2	AS 91333 v2	Analyse the application of risk management strategies to a challenging outdoor activity.	3		SR							✓	
2	US431	Navigate in good visibility	3		SR								

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary. Students can study a maximum of two PE subjects in the same academic year.

Learning Resources that are Highly Recommended.

Where does this lead to?

Level 3 Community Sports Leadership – CSL 301

Level 3 Adventure (Outdoor) Education

(Subject to HOD discretion).

Teacher in charge

Mr Weakley

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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SPORT LEADERSHIP

NCEA LEVEL 2

SPL 201

What will I learn?

This course focuses on equipping students with the knowledge and skills to pursue a passion for Sport and Sport Leadership. The course will help to develop leadership skills that are not only necessary during sporting opportunities but also in the local Community. Students will be involved in a range of physical activities but will also spend some time in the classroom developing leadership and event management skills for Upper Hutt College and local schools.

Entry Requirements

A proven interest in Sport and ideally Physical Education.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91330 v3	Perform a physical activity in an applied setting.	4										
2	AS91334 v2	Demonstrate social responsibility through physical activity.	3										
2	AS91335 v2	Plan and implement a physical activity/event or opportunity and examine its outcomes.	3									✓	
2	AS91336 v2	Analyse group processes in physical activity.	3									✓	
2	US21791 v2	Relate human anatomy and movement to gym equipment and static stretches.	4		SR								
2	US21792 v2	Demonstrate correct technique when using basic gym equipment	2		SR								
2	US21794 v2	Demonstrate, instruct, and monitor static stretching.	3		SR								

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary. Students can study a maximum of two PE subjects in the same academic year.

Where does this lead to?

Level 3 CSL 301 and SPO 301

Teacher in charge:

Mr Fairfield

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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PHYSICAL EDUCATION

NCEA LEVEL 3

PED 301

What will I learn?

This course extends the work carried out at Level 1 and 2 NCEA Physical Education. Students will: -

- Learn how to appraise and evaluation their ability to perform in a sport following a Personal Improvement Programme.
- Compare their performance level in a sport against national standards.
- Carry out an in depth investigation into an issue affecting New Zealand society.
- Look at ways to influence the physical activity levels of a group of people.

Students considering this courser should be prepared to spend much of their time in the classroom, although there is a practical component requiring generally high performance standards.

Entry Requirements

- A minimum of **15** credits at NCEA Level 2 Physical Education.
- Head of Department discretion.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91498 V2	Evaluate physical activity experiences to devise strategies for lifelong well-being.	4									✓	✓
3	AS91499 V2	Analyse a physical skill performed by self or others.	3									✓	
3	AS91500 V2	Evaluate the effectiveness of a performance improvement programme.	4									✓	✓
3	AS91501 V2	Demonstrate quality performance of a physical activity in an applied setting.	4										✓
3	AS91502 V2	Examine a current physical activity event, trend, or issue and its impact on New Zealand society.	4								✓	✓	
3	AS91503 V2	Evaluate the use of health promotion to influence participation in physical activity.	5									✓	✓

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary. Students can study a maximum of two PE subjects in the same academic year.

Where does this lead to?

Tertiary qualifications offered by NZIS, WelTec, AUT, Victoria University and others.

Teacher in charge:

Mr Berkeley

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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COMMUNITY SPORTS LEADERSHIP

NCEA LEVEL 3

CSL 301

What will I learn?

This course aims to provide the students with the experience, knowledge and necessary skills required to be able to serve the community as a sports leader. This course will focus on leadership, developing key leadership skills, sports administration, and the basic principles of sport coaching. Students will be expected to take part in the running and organising of UHC and local Primary based sports events.

Links will be made within the local community sports sector.

Entry Requirements

A minimum of 14 credits at a Level 2 PE course.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91501 v2	Demonstrate quality performance of a physical activity in an applied setting.	4										✓
3	US25819 v2	Plan, implement and evaluate a training session as a coach.	4										
3	US25811 v2	Demonstrate and apply knowledge of effective communication for sport coaching practice.	4										
3	US25807 v2	Demonstrate and apply knowledge of leadership as a sport coach.	2										
3	US22771 v2	Plan a beginner level coaching session for sports participants.	4										
3	US25825 v2	Demonstrate and apply knowledge of rules and regulations as a coach in a selected sport	2										
3	US21414 v3	Plan and run a recreation activity.	4										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary. Students can study a maximum of two PE subjects in the same academic year.

Where does this lead to?

Tertiary qualifications offered by NZIS, WelTec, AUT and others.

Teacher in charge:

Mr Stewart & Mr Berkeley

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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SPORTS PERFORMANCE

NCEA LEVEL 3

SPO 301

What will I learn?

This course is aimed at students who have a proven record of high performance in one or more sports and who wish to further their studies in Sports Science and its related areas. The course will be modular based and include: Anatomy, Exercise Science, Sports Conditioning and Sport Psychology. A focus of the course will be Personal Fitness, and Training Programme Planning and Implementation.

This course will be made up of both theory and practical aspects and students will be expected to participate fully in both.

Entry Requirements

- Minimum of 12 credits at a level 2 PE course. (Does not include Outdoor Education).
- High performance in team or individual sports and proven contribution to school sport.
- Students may be identified by Sports Managers, the Sports Coordinator and the Physical Education department.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91501 v2	Demonstrate quality performance of a physical activity in an applied setting.	4										✓
3	US21650 v2	Apply knowledge of exercise physiology to planning a sport training programme.	4										
3	US21639 v3	Explain stress overload, and manage personal stress in a sports situation.	3										
3	US7021 V4	Demonstrate exercise techniques.	8										
3	US22264 v1	Instruct and monitor resistance training.	4										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary. Students can study a maximum of two PE subjects in the same academic year.

Where does this lead to?

Tertiary qualifications offered by NZIS, WelTec, AUT and others.

Teacher in charge:

Mr Berkeley

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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ADVENTURE EDUCATION

NCEA LEVEL 3

ADV 301

What will I learn?

This course builds on the knowledge and skills learnt in 12 Adventure Education. Course content includes, kayaking, bush survival skills, river crossing, adventure based learning, tramping, rock climbing and mountain biking.

Students considering this course should be prepared to engage in theoretical concepts in the classroom that will allow them to increase their ability to pursue adventure in the outdoors.

Students will have the opportunity to participate in an optional camp costing approximately \$250.

Entry Requirements

- a proven record of participation in 12 Adventure or at TIC discretion
- This is a restricted numbers course and attendance records from the previous year will be a large consideration when selecting students for the course.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	US31070 v1	Explain the importance of Maori place names and use of reo in Maori greetings and farewells	4										
3	US427 v7	River Crossing	2										
3	US430 v7	Demonstrate Bush Survival Skills	3										
3	US28516 V1	Prepare for, participate and evaluate an outdoor experience	15										
3	AS91504	Analyse issues in safety management for outdoor activity to devise safety management strategies	3									✓	

Please note that some of the above standards are subject to approval from NZQA

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: this is not a university entrance course



Teacher in charge:

Mr Weakley

SCIENCE

Head of Department: Catherine Laing

Science includes General Science, Chemistry, Physics, Biology and Human Biology.

Introduction

Science is a core subject at Years 9 and 10 and 11. At Years 12 and 13, if students continue with Science they may choose to do one or more of the three specialised areas:

Year 11 students: all students **MUST** take a Science course. Students will be directed into the most appropriate course for them.

- General Science; OR
- Internal Science; OR
- Human Biology

Science subjects available in Year 12 are:

- Chemistry
- Physics
- Biology

Science, together with Mathematics and English, forms an important part of our curriculum. It is an essential subject to lead into many careers and professions.

What is Science about?

First and foremost, Science is about discovery. In learning Science one discovers, through systematic observations and experiments, what happens around us and why things happen.

Based on the knowledge and understanding we gain this way, scientists are able to make new discoveries and advances in a range of areas including: technology; medicine; engineering; material sciences; space exploration; genetic engineering; and horticulture, to name just a few.

Much of the Science curriculum at all levels involves hands on experiments. Students learn not only to plan experiments and investigations into all sorts of areas, but also to carry them out individually and in small groups.

Who can or should do Science?

If you are curious about the world around you and want to acquire skills to find out why and how things happen, then Science is for you.

If you would like to pursue a career in medical sciences, technology, scientific research, engineering, horticulture or agriculture, the environmental sciences or the armed forces, then Science is for you.

Whether you have made up your mind about your career or not, you should give Science at Year 11 a serious attempt, and at least one branch of the Sciences at Years 12 and 13. Many employers, including those in law and accountancy, are now asking for graduates who have some science background so that they are able to deal with problems in which specific issues are involved.



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SCIENCE

NCEA LEVEL 1

SCI 101

What will I learn?

Science 101 covers a range of areas of Science, including climate change and carbon cycling, designing and carrying out an investigation, electricity and how it plays a role in our lives, basic mechanics, an overview of acids and bases and how they react with each other and other things and genetics – how are things inherited and what role does the environment play on the evolution of a species.

Entry Requirements

A good level of achievement in Year 10 Science or with HOD recommendation. Most Year 11 students will take this course.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90953 v3	Demonstrate understanding of carbon cycling.	4							✓	
1	AS90930 v3	Carry out a practical chemistry investigation with direction.	4								✓
1	AS90941 v3	Investigate implications of electricity and magnetism for everyday life.	4					SR			✓

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90940 v3	Demonstrate understanding of aspects of mechanics.	4								✓
1	AS90944 v4	Demonstrate understanding of aspects of acids and bases.	4								
1	AS90948 v3	Demonstrate understanding of biological ideas relating to generic variation.	4				SR			✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1. Any student who is considering taking Science subjects in Years 12 and 13 MUST take this course.

Learning Resources that are Highly Recommended. ESA Study Guide \$35.00, Workbooks \$30.00

Where does this lead to?

Level 2 Science subjects including:

Biology – BIO 201

Physics – PHY 201

Chemistry – CHE 201

Teacher in charge:

Ms Laing or Mr Chevis

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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INTERNAL SCIENCE

NCEA LEVEL 1

SCI 102

What will I learn?

Year 11 Internal Science covers the following topics: metals and metal compounds, acids, rates of reactions, scientific investigations and chemical processes, micro-organisms and their interactions with humans, the effect of astronomical cycles on Planet Earth, heat transfer and its applications, planning, processing and interpreting and communicating scientific ideas.

Entry Requirements

HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90930 v3	Carry out a Practical Chemistry Investigation with Direction.	4								✓
1	AS90926 v3	Report on a Biological Issue	3							✓	
1	AS90946 v3	Investigation the implications of properties of metals to their use in society.	4								
1	AS90954 v3	Demonstrate understanding of the effect on Planet Earth of Astronomical Cycles.	4							✓	
1	AS90950 v3	Investigate interactions between Humans and Micro-organisms.	4								
1	*AS90953 v3	Demonstrate Understanding of Carbon Cycling.	4							✓	

Notes: * Optional standard – dependent on time availability.

Remember you need 10 Level 1 literacy and 10 numeracy credits to gain NCEA Level 1.

Where does this lead to?

- This course DOES NOT lead to any Level 2 Science Course. Students **CANNOT** take Year 12 Biology, Physics or Chemistry the following year.
- Students **may not** take SCI 102 and BIO 101 concurrently.
- Students who take SCI 102 may take SCI 101 the following year.

Teacher in charge:

Ms Laing or Mrs Williams

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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BIOLOGY

NCEA LEVEL 1

BIO 101

What will I learn?

Biology 101 gives an overview of the animal and plant kingdoms with a focus on human biology and the environment. Topics covered include: The skeletal/muscular, circulation, and urinary systems, respiration, digestion in mammals, practical investigations (enzymes), research (vaccinations) microorganisms), and genetic variation. There will also be an optional standard on life cycle of flowering plants for those interested.

Entry Requirements

At the HOD's approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90925 v3	Carry out a practical investigation in a biology context, with direction.	4		SR						✓
1	AS90949 v3	Investigate life processes and environmental factors that affect them.	4								
1	AS90926 v3	Report on a Biological Issue	3							✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90929 V4	Demonstrate understanding of biological ideas relating to a mammal as a consumer.	3		SR					✓	
1	AS90928 v3	Demonstrate understanding of biological ideas relating to the life cycle of flowering plants.	4							✓	
1	AS90927 v3	Demonstrate understanding of biological ideas relating to micro-organisms.	4							✓	

Note: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Note: Both SCI 101 and BIO 101 may be taken concurrently. This course does not suit students from 10 LAP Science. This course does not lead to PHY 201 or CHE 201.

Learning Resources that are Highly Recommended. SciPAD Workbooks – 3 workbooks \$45.00 –(Genetics, Mammals as Consumers, Micro-organisms) and ESA Guide \$35.00.

Where does this lead to?

Level 2 Biology - BIO 201

Teacher in charge:

Ms Laing or Mr Chevis

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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BIOLOGY

NCEA LEVEL 2

BIO 201

What will I learn?

Year 12 Biology gives an overview of the plant and animal kingdoms. Topics covered include: cellular processes; genetic variation and changes; practical investigations (ecology, microscopes and cell processes); adaptations in plants and animals; and an analysis of biological information presented to the public.

Entry Requirements:

16 credits in SCI101 INCLUDING AS 90948 (Genetics) and one other external OR 16 credits in Biology101 OR HOD approval. AS90923 (Plant Propagation) cannot be used towards these 16 credits.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91153 v2	Carry out a practical investigation in a biology context, with supervision.	4		SR								✓
2	AS91155 v2	Demonstrate understanding of adaptation of plants and animals to their way of life.	3									✓	
2	AS91158 v2	Investigate a pattern in an ecological community with supervision.	4									✓	
2	AS91160 v2	Investigate biological material at the microscopic level.	3		SR								

*Optional standard if Excellence grade in first AS91153 opportunity.

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91156 v2	Demonstrate understanding of life processes at the cellular level.	4									✓	
2	AS91157 v2	Demonstrate understanding of genetic variation and change.	4									✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Workbooks \$30.00.

Where does this lead to?

Level 3 Biology - BIO 301

Teacher in charge:

Ms Laing or Mrs Williams

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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BIOLOGY

NCEA LEVEL 3

BIO 301

What will I learn?

Biology 301 gives an overview of the plant and animal kingdoms. Topics covered include: Research (socio-scientific issue), homeostasis, human manipulations of genetic transfer and its implications, plant and animal responses to their environment, evolution/speciation and trends in human evolution.

Entry Requirements

A minimum of 14 Achievement Standard credits in NCEA Level 2 Biology or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91601 v2	Carry out a practical investigation in a biological context, with guidance.	3									✓	✓
3	AS91604 v2	Demonstrate understanding of how an animal maintains a stable internal environment	3								✓	✓	
3	AS91607 v2	Demonstrate understanding of human manipulations of genetic transfer and its biological implications	3								✓	✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91603 v2	Demonstrate understanding of the responses of plants and animals to their external environment	5							✓	✓	✓	
3	AS91605 v2	Demonstrate understanding of evolutionary processes leading to speciation	4							✓	✓	✓	
3	AS91606 v2	Demonstrate understanding of trends in human evolution	4							✓	✓	✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Fieldtrip to Wellington Zoo approx \$25.00, Biology internal and external Scipads.

Where does this lead to?

University to complete a BSc, BVSc, a degree in Agriculture/Horticulture, or a degree in the Medical/Health Sciences.

Teacher in charge:

Ms Laing or Mr Chevis

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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CHEMISTRY

NCEA LEVEL 2

CHE 201

What will I learn?

Year 12 Chemistry covers a range of topics including quantitative chemistry, qualitative chemistry, structure and bonding of compounds, chemical reactivity and organic chemistry. These topics will help one become more aware of our environment and our obligations towards Planet Earth and also our responsibility towards the future survival of the human race.

Entry Requirements

16 credits in SCI101 INCLUDING AS90944 (Acids and Bases) and one other external OR HOD approval. AS 90923 (Plant Propagation) cannot be used towards these 16 credits.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91910 v1	Carry out a practical investigation into a substance present in a consumer product using quantitative analysis.	4										✓
2	AS91911 v1	Carry out an investigation into chemical species present in a sample using qualitative analysis.	3										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91164 v2	Demonstrate understanding of bonding structure, properties and energy changes.	5									✓	
2	AS91165 v2	Demonstrate understanding of the properties of selected organic compounds.	4									✓	
2	AS91166 v2	Demonstrate understanding of chemical reactivity.	4									✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Workbook \$30.00, ESA Study Guide approx \$35.00.

Where does this lead to?

Level 3 Chemistry. – CHE 301

Teacher in charge:

Ms Laing or Mr Saha

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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CHEMISTRY

NCEA LEVEL 3

CHE 301

What will I learn?

Year 13 Chemistry covers a range of topics including oxidation and reduction, particles and thermochemistry, aqueous systems, organic chemistry and an extended investigation into an aspect of chemistry which involves quantitative analysis. It will make one more aware of the impact of Science/Chemistry on society and Planet Earth in general.

Entry Requirements

A minimum of 14 Achievement Standard credits in NCEA Level 2 Chemistry.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91387 v2	Carry out an investigation in chemistry involving quantitative analysis.	4							✓		✓	✓
3	AS91393 v2	Demonstrate understanding of oxidation and reduction processes.	3									✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91390 v2	Demonstrate understanding of thermochemical principles and the properties of particles and substances	5									✓	
3	AS91391 v2	Demonstrate understanding of organic compounds	5									✓	
3	AS91392 v2	Demonstrate understanding of equilibrium principles in aqueous systems.	5									✓	✓

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Level 3 SciPAD, Level 3 Chemistry, ESA Study Guide approx. \$42.00.

Where does this lead to?

Various courses at tertiary study, including any of the Health Science courses, Agriculture and Chemical industries

Teacher in charge:

Ms Laing or Mr Saha

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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PHYSICS

NCEA LEVEL 2

PHY 201

What will I learn?

The first laws of Physics were developed in ancient times. Many of these laws hold true today. We will study things like light and waves and how they behave, we look at things like the Physics of getting a rugby ball over the goalposts, how satellites stay in orbit, why atomic bombs are so destructive – but how we can use the same concepts to build useful things like smoke alarms – and how electricity and magnetism are related. We will also find out about current events in Physics.

Entry Requirements

16 credits in SCI 101 INCLUDING AS 90940 (Mechanics) and one other external OR HOD approval. AS90923 (Plant Propagation) cannot be used towards these 16 credits.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91168 v2	Carry out a practical physics investigation that leads to a non-linear mathematical relationship.	4									✓	✓
2	AS91172 v2	Demonstrate understanding of atomic and nuclear physics.	3									✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91170 v2	Demonstrate understanding of waves.	4									✓	✓
2	AS91171 v2	Demonstrate understanding of mechanics.	6									✓	✓
2	AS91173 v2	Demonstrate understanding of electricity and electromagnetism.	6									✓	✓

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Workbooks \$40.00; Study Guide \$37.00

Where does this lead to?

Level 3 Physics – PHY 301

Teacher in charge:

Ms Laing

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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PHYSICS

NCEA LEVEL 3

PHY 301

What will I learn?

Physics can be thought of as the most fundamental of the sciences. It is concerned with the most basic building blocks of all things - from ants to antennae, from quarks to quasars. We will answer questions like: how does a Police speed camera work?; why is it that different musical instruments make different sounds?; how does a radio get tuned to different stations (what happens inside the radio?); can we make predictions as to the height of the seawater midtide?; how does alternating current differ to direct current?; and, what was Einstein talking about when he came up with his idea of Relativity? You will learn to think critically and question evidence that is put in front of you.

Entry Requirements

A minimum of 15 Achievement Standard credits in NCEA Level 2 Physics.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91521 v2	Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	4									✓	
3	AS91525 v2	Demonstrate understanding of Modern Physics	3									✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91523 v2	Demonstrate understanding of wave patterns	4									✓	
3	AS91524 v2	Demonstrate understanding of mechanical systems	6									✓	
3	AS91526 v2	Demonstrate understanding of electrical systems	6									✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Workbook \$45.000, ESA Study Guide \$42.00.

Where does this lead to?

Various courses at tertiary study, including any of the Health Science courses, Architecture, Engineering, Computer Science, Design, Physics and AstroPhysics. It is also a good supporting subject for those considering a Mathematics degree.

Teacher in charge

Ms Laing

SOCIAL SCIENCES

Head of Faculty: Ashley Thomson

GEOGRAPHY AND TOURISM

Teacher in Charge – Lorraine Andrews

Geography is the scientific and cultural study of the environment as the home of people. It seeks to interpret the world and how it changes over time – past, present, and future. It explores the relationships and connections between people and both natural and cultural environments. Geography investigates the ways in which features are arranged on the earth's surface. It describes and explains the patterns and processes that have created them.

*"The study of geography is about more than just memorizing places on a map.
It's about understanding the complexity of our world."* - President Barack Obama

Students learn to think spatially and use maps, visual images and new technologies, including geographical information systems (GIS), to obtain, present, analyse and evaluate information. Geography skills fall into several categories:

- **Geographic resource interpretation skills** e.g. using maps, statistics, models, surveys.
- **Geographic resource construction skills** e.g. drawing précis maps, constructing graphs.
- **Communication skills** e.g. writing paragraphs or essays, interviewing, using graphic organisers.
- **Social skills** e.g. work in groups, being empathetic, appreciating different values or perspectives.
- **Fieldwork skills** e.g. gathering information from the field such as surveying, measuring, sketching.

Geography can be picked up at any level without having studied the previous year's course. At all levels in Geography some part of the course is internally assessed.

Whatever level students take it, geography offers students the opportunity to learn a range of skills and knowledge that they can apply in their everyday lives. Geography can be a pathway to tertiary education and a broad range of careers. A geography job is any work that focuses on location. Although there are few jobs entitled GEOGRAPHER, employers like Geography students because they have a good understanding of the world around them. People who are able to make complex decisions using the above skills are required for a wide variety of occupations. Geography will help you in the following careers:

- | | | |
|------------------------|---------------------|-------------------------|
| • Tourist Officer | • Geologist | • Forest Ranger |
| • Landscape Gardener | • Diplomat | • Farmer |
| • Aerial Photographer | • Export Agent | • Cartographer |
| • Business Manager | • Journalist | • Teacher |
| • Ecologist | • Oceanographer | • Meteorologist |
| • Land Agent | • Town Planner | • Climatologist |
| • Mining | • Surveyor | • Local Government |
| • GIS Computer Systems | • Market Researcher | • Environmental Planner |

Does Tourism interest you? There are 125,000 New Zealanders directly employed in tourism. If you are keen to be part of a very dynamic industry that is currently New Zealand's second largest employer then perhaps this is for you. The New Zealand Tourism Industry is looking for more "tourist savvy" employees to assist in the hosting of other major events in the future, especially in the wake of the successful 2011 Rugby World Cup and 2015 Cricket World Cup. There are job opportunities in every part of New Zealand – some of the most beautiful parts of our country.

We offer the Service IQ School Programme in Tourism. If students choose to take this subject over two years, they can work towards gaining the New Zealand Certificate in Tourism (Introductory Skills) (Level 2). This Certificate will be replaced with a new qualification, however currently details are still being finalised.

During their studies students will gain the knowledge and skills required as a base for further training in the tourism industry (in fact useful skills for any workplace). Students who go on to study Tourism at tertiary institutes may find their courses reduced due to their prior studies.

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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GEOGRAPHY

NCEA LEVEL 1

GEO 101

What will I learn?

Geography 101 is the study of the environment as the home of people. It seeks to interpret the world and how it changes over time – past, present, future. It explores the relationships and connections between people and both natural and cultural environments. Topics covered include: Boxing Day tsunami 2004, global pattern of earthquakes, population concepts. The topics covered are subject to change.

Entry Requirements

None but ideally good levels of achievement in Year 10 Social Studies, English, History or Science.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91011 v3	Conduct geographic research, with direction.	4							✓	✓
1	AS91009 v3	Demonstrate geographic understanding of the sustainable use of an environment	3							✓	
1	AS91013 v2	Describe aspects of a geographic topic at a global scale.	3							✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91007 v3	Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s).	4							✓	
1	AS91010 v2	Apply concepts and basic geographic skills to demonstrate understanding of a given environment.	4								✓

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. None. Field trips (approx.) Martinborough \$15.00

Where does this lead to?

Level 2 Geography – GEO 201
or another Social Science subject.

Teacher in charge:

Ms Andrews

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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GEOGRAPHY

NCEA LEVEL 2

GEO 201

What will I learn?

Geography 201 develops an understanding of the environment as the home of people. You will develop an understanding of the features of the natural and cultural environments and their landscapes. Some of the topics you will study this year include: Geographic Research in the Tongariro Volcanic Environment; Wellington urban patterns; the global study of HIV/AIDS and geographic skills and concepts. The topics studied and standards offered are subject to change.

Entry requirements

A minimum of 15 Achievement Standard credits in NCEA Level 1 Geography, English, History or Science.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&t	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91241 v2	Demonstrate geographic understanding of an urban pattern.	3		SR							✓	
2	AS91244 v2	Conduct geographic research with guidance.	5									✓	✓
2	AS91245 v3	Explain aspects of a contemporary New Zealand geographic issue	3										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&t	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91240 v2	Demonstrate geographic understanding of a large natural environment.	4							✓	✓	✓	
2	AS91243 v2	Apply geography concepts and skills to demonstrate understanding of a given environment.	4									✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Field trips: -

Urban Studies: \$20.00

Tongariro: \$290.00

Where does this lead to?

Level 3 Geography or another Social Science subject

Teacher in charge:

Ms Andrews

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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GEOGRAPHY

NCEA LEVEL 3

GEO 301

What will I learn?

Geo 301 studies the environment as the home of people and looks closely at both the natural and cultural aspects of our environment from the local scale to the international / global scale. You will develop and apply skills and techniques used in geographic research and interpretation. Topics studied include: fluvial processes in the Hutt River, tourism development in Rotorua.

Entry Requirements

A minimum of 15 Achievement Standard credits in NCEA Level 2 History, Geography or English or Head of Department approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91430 v2	Conduct geographic research with consultation.	5									✓	✓
3	AS91431 v2	Analyse aspects of a contemporary Geographic Issue.	3								✓	✓	
3	AS91432 v2	Analyse aspects of a geographic topic at a global scale.	3									✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91427 v2	Demonstrate understanding of how a cultural process shapes geographic environment(s).	4							✓	✓	✓	
3	AS91429 v2	Demonstrate understanding of a given geographic environment(s) through selection and application of geographic concepts and skills.	4							✓	✓	✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended.

Field trips (approx.): Hutt River Drainage Basin \$25, Rotorua tourism \$350.

Where does this lead to?

University to complete a BA and/or BSc

Teacher in charge:

Ms Andrews

HISTORY

Head of Department: Ashley Thomson

“History is a conversation between the past and the present” E H Carr

There are many excellent reasons why learning History is a good idea:

- You will understand more about why our world is the way it is today. After all, you can't know who you are or where you may be heading, if you do not know your past.
- History is made up of many fascinating characters and stories.
- History extends your critical and creative thinking skills.
- You will learn to interpret historical information from a range of sources.
- You will develop your inquiry skills by learning how to gather information; how to select what information is relevant and how to organise the information with a variety of note making techniques.
- You will learn how to process information, how to tell the difference between fact and opinion and how to recognise different points of view, bias and propaganda.

You will learn how to present and communicate your information in a variety of formats. You will learn how to write accurately, logically and effectively.

Careers that History can lead to:

- | | | |
|----------------------------|--------------------------|-------------------------------|
| • Teacher | • Journalist | • Lawyer |
| • Architect | • Historian | • Diplomat |
| • Researcher | • Town Planner | • Tertiary Lecturer |
| • Author | • Librarian | • Archivist |
| • Anthropologist | • Archaeologist | • Art Conservator |
| • Policy Analyst | • Publisher | • Web Designer |
| • Web Designer | • United Nations Advisor | • Officer in the Armed Forces |
| • Games/Animation Designer | • Film Director/Producer | • Museum/Gallery Curator |

History can be picked up at any level without having studied the previous year's course as long as you meet the prerequisites.



PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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HISTORY

NCEA LEVEL 1

HIS 101

What will I learn?

Level 1 History is about important **social, economic and political issues of the 20th century**.

We will be exploring conflict in the 20th century and the effects these conflicts have had on the world: such as World Wars One and Two, the Vietnam War and the war on terror.

The contexts covered are subject to change.

Entry Requirements

Good levels of achievement in Year 10 Social Studies, English or History.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91001 v3	Carry out an investigation of an historical event, or place, of significance to New Zealanders.	4							✓	
1	AS91002 v3	Demonstrate understanding of an historical event, or place, of significance to New Zealanders.	4							✓	
1	AS91004 v3	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders.	4							✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91005 v3	Describe the causes and consequences of an historical event.	4							✓	
1	AS91006 v4	Describe how a significant historical event affected New Zealand society.	4							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Where does this lead to?

Level 2 History - HIS 201 or another Social Science subject

Teacher in charge:

Ms Thomson

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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HISTORY

NCEA LEVEL 2

HIS 201

What will I learn?

Year 12 History introduces you to some of the major historical forces and movements that have shaped today's world: We will explore this by examining in depth the Cold War and explaining how close the world came to nuclear catastrophe, exploring a range of conflicts and how international relations shaped the Cold War period. Subject to change.

Entry Requirements

A minimum of 15 Achievement Standards in NCEA Level 1 History, Geography or English, or with HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91229 v2	Carry out an enquiry of an historical event or place that is of significance to New Zealanders.	4								✓	✓	
2	AS91230 v2	Examine an historical event or place that is of significance to New Zealanders.	5								✓	✓	
2	AS91232 v2	Interpret different perspectives of people in an historical event that is of significance to New Zealanders.	5								✓	✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91233 v2	Examine causes and consequences of a significant historical event.	5							✓	✓	✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended: Possible Fieldtrip : \$20.00 approximately.

Where does this lead to?

Level 3 History – HIS 301 or another Social Science subject

Teacher in charge:

Ms Thomson

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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HISTORY

NCEA LEVEL 3	HIS 301
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What will I learn?

Terrorism – where has it come from? 9/11 ; Genocide around the world – Cambodia, Rwanda. Subject to change.

Entry Requirements

A minimum of 15 Achievement Standard credits in NCEA Level 2 History, Geography or English or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91434 v1	Research an historical event or place of significance to New Zealanders, using primary and secondary sources.	5								✓	✓	
3	AS91435 v1	Analyse an historical event, or place, of significance to New Zealanders.	5								✓	✓	
3	AS91437 v1	Analyse different perspectives of a contested event of significance to New Zealanders.	5								✓	✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91438 v1	Analyse the causes and consequences of a significant historical event.	6							✓	✓	✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Possible fieldtrip \$15.00 approximately.

Where does this lead to?

University to complete a BA and/or Law degree.

Teacher in charge:

Ms Thomson

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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TOURISM

NCEA LEVEL 2

TOU 201

What will I learn?

Tourism 201 provides you with a general understanding of an important and growing sector in New Zealand and the world's economy: TOURISM: If you choose to take up the option of studying tourism at both Year 12 and Year 13, you may have the opportunity to gain the New Zealand Certificate in Tourism (Introductory Skills – Level 2).

The focus in Year 12 is to give you the opportunity to gain knowledge and learn a variety of skills required in the New Zealand tourism industry.

Entry Requirements

A minimum of 50 credits in NCEA Level 1 or HOD approval.

Please note that this is not an academic course. This DOES NOT lead onto a University approved subject.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	US24726 v2	Describe and compare social and cultural impacts of tourism.	2		SR								
2	US24727 v2	Describe and compare impacts of tourism on the physical environment.	3		SR								
2	US24728 v1	Knowledge of work roles in tourism.	3		SR								
2	US24729 v2	Knowledge of world tourist destinations.	4		SR								
2	US24732 v1	Demonstrate knowledge of tourist characteristics and needs	3		SR								
2	US24731 v2	Knowledge of destinations of New Zealand.	4		SR								

Notes: SR are Sector Related Standards in the Vocational Pathway. For University Entrance 5 Writing and 5 Reading credits are necessary.

Where does this lead to?

Level 3 Tourism or Geography: -
TOU 301 or GEO 301

Teacher in charge:

Ms Andrews

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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TOURISM

NCEA LEVEL 3

TOU 301

What will I learn?

TOU 301 provides you with a general understanding of Tourism, an important and growing sector in New Zealand and the world's economy. Topics include: Knowledge of the Tourism Industry, Tourist Regions in New Zealand, Economic Significance of Tourism, Destination Australia.

If you choose to study Tourism at both Year 12 and Year 13, you may have the opportunity to gain the New Zealand Certificate in Tourism (Introductory Skills) – Level 2.

Entry Requirements

Priority will be given to those students who have successfully passed NCEA Level 2 or TOU 201 (gained a minimum of 14 credits), or HOD approval.

Please note that this is not an academic course. This is NOT a University Entrance approved subject, however the credits do count towards NCEA Level 3.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	US18211 V4	Demonstrate knowledge of Australia as a visitor destination.	5										
3	US17788 v6	Identify and explain the history of natural attractions and significant sites in tourism Maori	5										
3	US18228 v3	Demonstrate knowledge of specific New Zealand regions as tourist destinations.	8										
3	US23766 v2	Demonstrate knowledge of the tourism industry.	5										

Notes: TOURISM IS NOT A UNIVERSITY APPROVED SUBJECT.

Where does this lead to?

Tertiary studies in Tourism.

Teacher in charge:

Ms Andrews

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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CLASSICAL STUDIES

NCEA LEVEL 3

CLA 301

What will I learn?

- To engage with the literature, religion, art, architecture and culture of the classical world.
- To understand how and why ideas and values of the classical world have influenced other cultures, including New Zealand, over time.
- How to research information, think critically about sources and apply your understanding in different contexts.

You will be offered a choice of topics for Internal Assessments which may include, but are not limited to: classical heroes, death and the underworld, the role of women, images of power, and ancient religion. For the External Assessments you will learn about Alexander the Great and Roman Art and Architecture.

Entry Requirements

A minimum of 15 Achievement Standard credits in NCEA Level 2 English or History or TIC approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91397 v1	Demonstrate understanding of significant ideology(ies) in the classical world.	6								✓	✓	
3	AS91398 v1	Demonstrate understanding of the lasting influences of the classical world on other cultures across time.	6								✓	✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91395 v1	Analyse the significance of a work(s) of art in the classical world.	4							✓	✓	✓	
3	AS91396 v1	Analyse the impact of a significant historical figure on the classical world.	6							✓	✓	✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Paul Artus work books and flashcards. Approximate cost, \$35.00.
Possible fieldtrip. Approximate cost, \$25.00.

Where does this lead to?

University to complete a BA and/or Law degree.

Teacher in charge:

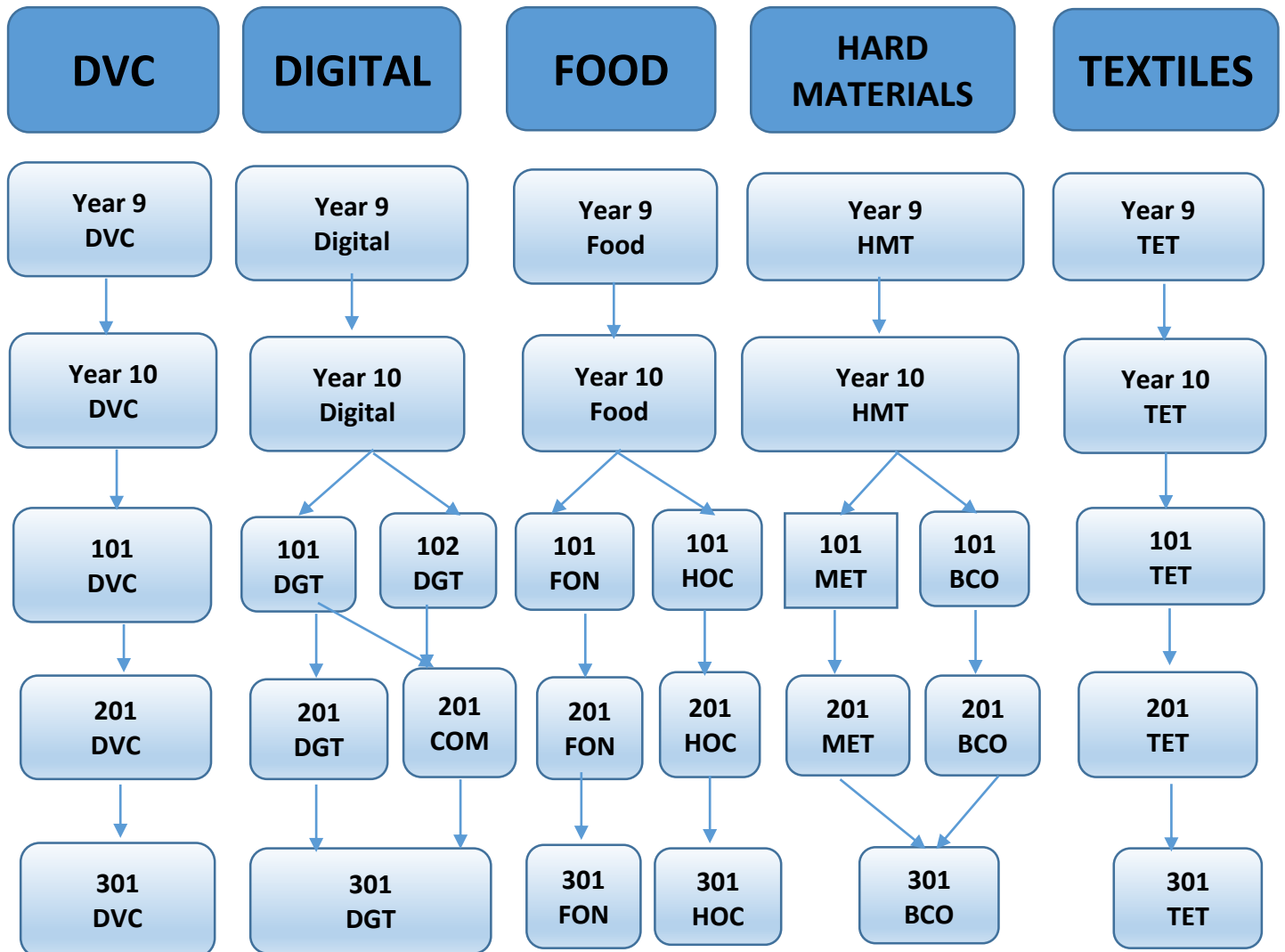
Ms Mulholland

Classical Studies can also be the basis for careers as diverse as: graphic and interior design, information technology, law, marketing, medicine, museums and art galleries, philosophy, politics, teaching, tourism.

TECHNOLOGY

Head of Faculty: Mr Nick Booth

The Technology Faculty offers students 6 subjects with alternative options in 2 of the subject areas. They all offer courses at Levels 1, 2 and 3 for NCEA



DVC is Design and Visual Communication (formerly known as Graphics)

DGT 101 is an Achievement Standard course and is a more academic course. DGT 102 is a Unit Standard course and is a more practical course.

FON is the Achievement Standard foods class. This is a more academic course. HOC is a Unit Standard course and is more practical.

BCO is the Building & Construction class operating at levels 1, 2 and 3 in the Wood area.

**Scholarship options may be available.

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DIGITAL TECHNOLOGY

NCEA LEVEL 1

DGT 101

What will I learn?

During this course students will advance their development of a wide range of practical computing, project and design skills. A variety of types of software will be used to develop students' electronic communication and presentation abilities. Students carry out research and design exercises to create solutions to projects. Some foundation level work on computer systems and programming will also be carried out. Use is made of Google apps in this class.

Entry Requirements

A record of good achievement in Year 10 DGT.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	US12883 v7	Enter and manage text for generic text and information management.	4								
1	AS91883 v1	Develop a computer program	4								
1	AS91047 V3	Undertake development to make a prototype to address a brief	6								
1	AS91880 v1	Develop a digital media outcome	4							✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91887 v1	Demonstrate understanding of compression coding for a chosen media type	3							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Access to a PC at home

Where does this lead to?

Level 2 Digital Technology – DGT 201 and COM 201

Teacher in charge:

Mr Thomas

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DIGITAL TECHNOLOGY

NCEA LEVEL 1

DGT 102

What will I learn?

This course is designed as a practical catch-up for students who have not completed 10 DGT. A number of Level 1 and possibly some level 2 NCEA credits are achievable. A range of application and graphics software will be used to develop your ability to communicate both verbally and visually. Students will carry out research and design processes to create digital based solutions. Some foundation level work on computer systems and programming will also be carried out.

Entry Requirements

Open to any student who has not completed DGT in the junior school.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	US12883 v7	Enter and manage text for generic text and information management.	4								
1	US25659 v3	Create a web page using a mark-up language with a text editor.	2								
1	US2792 v7	Produce simple desktop published documents using templates.	2								
1	US18743 v5	Produce a spreadsheet from instructions using supplied data.	2								
1	US5946 v8.	Use computer technology to create and deliver a presentation from given content	3								
1	US18734 v6	Create a webpage using a template	2								
1	US16677 v4	Key in text at 15 wpm	1								
2	US16678 v4	Key in text at 25wpm	1								

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended.

Where does this lead to?

Exceptional students may be invited into COM 201 or DGT 201.
Computing skills will be useful in a variety of workplaces

Teacher in charge:

Mr Thomas

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DIGITAL TECHNOLOGY

NCEA LEVEL 2

DGT 201

What will I learn?

Year 12 Digital Technology is a fully Achievement Standard based course with the option of Unit Standards where possible. DGT201 concentrates on extending students' design, project and software skills. Themes covered in this course include conceptual design of digital media and database applications.

Entry Requirements

14 credits from DGT 101

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91356 v3	Produce a conceptual design for an outcome	6						SR				
2	AS91891 v1	Apply conventions to develop a design for a digital technologies outcome	3									✓	
2	AS91893 v1	Use advanced techniques to develop a digital media outcome	4										
2	AS91892 v1	Use advanced techniques to develop a database	4										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91899 v1	Present a summary of developing a digital outcome.	3									✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$20.00

Where does this lead to?

Level 3 Digital Technology – DGT 301 or future digital study or careers.

Teacher in charge:

Mr Thomas

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DIGITAL TECHNOLOGY: COMPUTING

NCEA LEVEL 2

COM 201

What will I learn?

Computing 201 is desirable for anyone wanting to gain the knowledge and skills for a future involving computers or advanced design and media. This course takes a more computer science and technical approach. Themes covered include computer hardware and systems along with programming in Python. Heavy use of Google apps, mail, forums and sites etc. is an important aspect of this course. **Please note that Digital Technology standards are in the process of being updated. One more standard will be added to this course at a later date.**

Entry Requirements

14 credits from DGT 101 or program standards.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91357 V3	Undertake effective development to make and trial a prototype	6				SR						
2	AS91896 V1	Use advanced programing techniques to develop a computer programme	6										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91898 V1	Demonstrate understanding of a computer science concept	3									✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$20.00.

Where does this lead to?

Level 3 Digital Technology – DGT 301

Teacher in charge:

Mr Thomas

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DIGITAL TECHNOLOGY

NCEA LEVEL 3

DGT 301

What will I learn?

DGT is a combined class for both Computing and Digital Technology students. DGT301 encompasses both a DigiTech and/or a Computing course. A mixture of units may be taken; these are taught in parallel in the same class. DGT concentrates on extending students' design, project and software skills whereas Computing focuses on technical understanding and programming. Themes covered in this course include hardware and software systems, website development, project management, Prototype development and programming.

Entry Requirements

14 credits or higher from COM 201 or DGT 201.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C & I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91609 v3	Undertake project management to support technological practice.	4									✓	
3	US29793 V1	Investigate, plan, design and create digital outcome solutions to meet the requirements of a specified brief.	5										
3	US29788 V1	Develop and evaluate an interactive website for organisational use	5										
3	AS91637 V4	Develop a complex computer program for a specified task.	6									✓	✓
3	AS91611 v3	Develop a prototype considering fitness for purpose in the broadest sense	6									✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C & I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91636 v3	Demonstrate understanding of areas of computer science.	4							✓	✓	✓	
3	AS91632 v3	Demonstrate understanding of complex concepts of information systems in an organisation.	4							✓	✓	✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$20.00.

Note: Students will select from some of the standard on offer depending on whether they wish to specialise in Computing or Digital Technology Standards. Another standard may be added at a later date.

Where does this lead to?

University or Polytechnic.
Work in an IT workplace.

Teacher in charge:

Mr Thomas

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DESIGN & VISUAL COMMUNICATION

NCEA LEVEL 1

DVC 101

What will I learn?

Design and Visual Communication is a course where students develop their creativity, learn about the practice of designing (initiation and developing of ideas), make qualitative judgements (informed decisions on aesthetic and functional aspects of design) and develop a range of drawing (visual communication) skills. Students learn best by doing. Design and Visual Communication therefore adopts an activity-based, project driven approach. This takes place within a design practice where they create, develop and present their own ideas.

Entry Requirements

Students should have successfully completed Year 10 DVC or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91066 v3	Use rendering techniques to communicate the form of design ideas.	3								
1	AS91067 v4	Use the work of an influential designer to inform design ideas.	3								
1	AS91068 v4	Undertake development of design ideas through graphics practice.	6								
1	AS91069 v4	Promote an organised body of design work to an audience using visual communication techniques.	4							✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91063 v4	Produce freehand sketches that communicate design ideas.	3								

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Materials \$17.00

Where does this lead to?

Level 2 Design & Visual Communication – DVC 201

Teacher in charge:

Mr Booth

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DESIGN & VISUAL COMMUNICATION

NCEA LEVEL 2

DVC 201

What will I learn?

Design and Visual Communication is a course where students develop their creativity, learn about the practice of designing (initiation and developing of ideas), make qualitative judgements (in-formed decisions on aesthetic and functional aspects of design) and develop a range of drawing (visual communication) skills. Students learn best by doing. Design and Visual Communication therefore adopts an activity-based, project-driven approach. This takes place within a design practice where they create, develop and present their own ideas.

Entry Requirement

14 credits in DVC 101 or HOD Approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91340 v3	Use the characteristics of a design movement or era to inform own design ideas.	3						SR			✓	
2	AS91341 v3	Develop a spatial design through graphics practice.	6					SR				✓	
2	AS91342 v3	Develop a product design through graphics practice	6				SR	SR					
2	AS91343 v3	Use visual communication techniques to compose a presentation of a design.	4					SR	SR				

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91337 v3	Use visual communication techniques to generate design ideas	3					SR	SR				

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$17.00.

Where does this lead to?

Level 3 Design & Visual Communication - DVC 301

Teacher in charge:

Mr Booth

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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DESIGN AND VISUAL COMMUNICATION

NCEA LEVEL 3

DVC 301

What will I learn?

Design and Visual Communication is where students can develop their creativity, learn about the practice of designing (initiation and developing ideas), make qualitative judgements (informed decisions on aesthetic and functional aspects of design) and develop a range of drawing (visual communication) skills.

Students learn best by doing. Design and Visual Communication therefore adopts an activity-based, project-driven approach. This takes place within a design practice where they create, develop and present their own ideas. This design practice is broadly described and illustrated as Development design ideas, which involve initiating, exploring and refining design ideas that are informed by research. This will lead to the communication of a final solution in response to a given project theme.

Entry Requirements

To gain entry to this course, students should have gained at least 14 credits To gain entry to this course, students should have gained at least 14 credits in DVC 201 or HOD Approval. Other students may gain entry at the discretion of the HOD – consultation is required.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91629 v2	Resolve a spatial design through graphics practice.	6										
3	AS91630 v2	Resolve a product design through graphics practice.	6										
3	AS91628 v2	Develop a visual presentation that exhibits a design outcome to an audience.	6										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91627 v2	Initiate design ideas through exploration.	4										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$17.00. BYOD (preferably with large screen and digital pen).

Where does this lead to?

University or Design School

Teacher in charge:

Mr Booth

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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FOOD & NUTRITION

NCEA LEVEL 1

FON 101

What will I learn?

Year 11 Food and Nutrition follows the Health and PE curriculum. Topics covered include: Food handling issues; Cultural practices' influence on NZ eating patterns; Nutritional needs of an individual; Packaging information and influence on food choices.

Entry Requirements

Preferred that student has studied a junior food technology class. Students cannot study HOC 101 and FOT 101 in the same year.

Students must demonstrate safe and hygienic work practices.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90959 v3	Demonstrate knowledge of practices and strategies to address food handling issues	5							✓	
1	AS90958 v3	Demonstrate understanding of how cultural practices influence eating patterns in New Zealand.	5							✓	
1	AS90956 v3	Demonstrate knowledge of an individual's nutritional needs.	5								

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90961 v3	Demonstrate understanding of how packaging information influences an individual's food choices and well-being.	4							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Workbook: Home Economics Learning Workbook Level 1 \$35.00, Materials \$100

Where does this lead to?

Level 2 Food and Nutrition - FON 201

Teacher in charge:

Ms Hamer

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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FOOD & NUTRITION

NCEA LEVEL 2

FON 201

What will I learn?

Year 12 Food and Nutrition follows the Health and PE curriculum. Topics covered include: Poverty and its effect on food choices, the Determinants of Health/Factors that affect food choices and its impact on New Zealanders, Community Gardens, Vegetarianism and Health promotion.

Entry Requirements

A minimum of 14 credits at FOT101 or HEA101 (including AS90958) or ENG101

Note: Students cannot study HOC201 and FOT201 in the same year. Students must demonstrate safe and hygienic work practices.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91301 v2	Analyse beliefs, attitudes and practices related to a nutritional issue for families in NZ	5										
2	AS91299 v2	Analyse issues related to the provision of foods for people with specific food needs	5										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91300 v2	Analyse the relationship between well-being, food choices and determinants of health.	4							✓			
2	AS91304 v2	Evaluate health promoting strategies designed to address a nutritional need.	4							✓			

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$75.00, Text Book - Home Economics Level 2 \$35.00

Where does this lead to?

Level 3 Food and Nutrition - FON 301

Teacher in charge:

Ms Hamer

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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FOOD AND NUTRITION

NCEA LEVEL 3

FON 301

What will I learn?

Year 13 Food and Nutrition follows the Health and PE curriculum. Topics covered include a current Nutritional Issue: lack of food literacy or inadequate cooking skills in Young New Zealanders, and an Action Plan to address a nutritional issue. The External exams involve analysing and challenging food advertisements and conflicting nutritional information. This course is a great basis for many health related occupations or for study such as nutrition, health professions or education and will help to develop your critical analysis of food related issues in NZ Society.

Entry Requirements

A minimum of 14 credits in Level 2 FOT or HEA 201 or ENG 201. Students must demonstrate safe and hygienic work practices.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91466 v2	Explore a current nutritional issue affecting NZ society.	5								✓		
3	AS91467 v2	Implement an action plan used to address a nutritional issue affecting the wellbeing of NZ society.	5										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91471 v2	Analyse the influences of food advertising on wellbeing.	4							✓			
3	AS91470 v2	Evaluate conflicting nutritional information relevant to well-being in NZ society.	4							✓	✓		

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$75.00, possible field trip \$50.

Where does this lead to?

University courses in Health Science, Nutrition, Nursing and Early Childhood, Primary or Secondary teaching.

Teacher in charge:

Ms Hamer

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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BUILDING & CONSTRUCTION

NCEA LEVEL 1

BCO 101

What will I learn?

This course is part of the BCATS (Building, Construction and Allied Trades Skills) programme. It will build skills and knowledge to springboard into a career in the construction industry in areas such as carpentry, joinery, flooring, frame and truss etc. Students will construct a piece of garden furniture and work on a smaller wood joint project.

Entry Requirements

Students should have completed Year 10 Materials Technology (Metal or Wood) and or DVC or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	US25920 V3	Use joints for a BCATS project	3								
1	US24355 V3	Develop knowledge of construction and manufacturing details used in BCATS projects	4								
2	US12927 V4	Identify, select, maintain and use hand tools for BCATS projects	6					SR			
1	US24356 V3	Apply elementary procedures and processes for a BCATS project	8								

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Materials \$70.00.

Where does this lead to?

Level 2 Building and Construction – BCO 201
Construction apprenticeships

Teacher in charge:

Mr Browne

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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BUILDING & CONSTRUCTION

NCEA LEVEL 2

BCO 201

What will I learn?

This course is the second level of the BCATS (Building, Construction and Allied Trades Skills) programme. It will further develop skills and knowledge to springboard into a career in the construction industry in areas such as carpentry, joinery, flooring, frame and truss etc. Students will make garden furniture and a smaller wood-based project.

Entry Requirements

Successful completion of Year 11 Building and Construction.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	US12932 V4	Construct timber garden furniture and items of basic construction equipment as a BCATS project	8					SR					
2	US24350 V3	Identify, select, maintain and use portable power tools for BCATS projects	6					SR					
2	US22607 V4	Read and interpret plans, working drawings and specifications for BCATS projects	3					SR					
2	US24353 V3	Demonstrate knowledge of and create sketches and drawings for BCATS projects	6					SR					

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$70.00

Where does this lead to?

Level 3 Building and Construction
Careers in Construction and Manufacturing
WelTec

Teacher in charge:

Mr Browne

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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BUILDING & CONSTRUCTION

NCEA LEVEL 3

BCO 301

What will I learn?

This course is the third level of the BCATS (Building, Construction and Allied Trades Skills) programme. It will further develop skills and knowledge to springboard into a career in the construction industry in areas such as carpentry, joinery, flooring, frame and truss etc. Students will build a non-consent building.

Entry Requirements

Successful completion of Year 12 Building and Construction and/or Year 12 Mechanical Engineering

How is this course assessed?

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	US29677 v1	Follow safe workplace practices and safely contribute to a health and safety culture, in a BCATS environment	2										
3	US29680 v1	Communicate and work collaboratively in a Stage 3 BCATS project	5										
3	US29681 v1	Measure and calculate for a Stage 3 BCATS project	3										
3	US29682 v1	Select, use, and maintain tools, equipment and machinery for a Stage 3 BCATS project	4										
3	US29684 v1	Undertake a Stage 3 BCATS project	12										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary. This course does not offer credits towards gaining University Entrance.

Learning Resources that are Highly Recommended. Materials \$70.00

Where does this lead to?

Careers in Construction and Manufacturing
WelTec

Teacher in charge:

Mr Booth / Mr Browne

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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HOSPITALITY & CATERING

NCEA LEVEL 1

HOC 101

What will I learn?

Year 11 Hospitality and Catering is a foundation course for hospitality in food and follows the Health and PE curriculum. Topics covered include: Identify career pathways in hospitality industry, prepare and present meat in the hospitality industry, prepare and present fruit and vegetables in the hospitality industry, prepare and present egg and cheese dishes in the hospitality industry, prepare and present hot finger food in the hospitality industry, prepare and present sauce and soup in the hospitality industry, prepare and cook a cake, a sponge and a batch of scones in the hospitality industry, demonstrate knowledge of knife care, use, storage and carrying for the hospitality industry.

Entry Requirements

Preferred that a student has taken a Year 9 or Year 10 FOT Food technology class.
Students must demonstrate safe and hygienic work practices.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	US15919 v5	Prepare and present hot finger food in the hospitality industry.	2								
1	US15920 v5	Prepare and present sauce and soup in the hospitality industry.	2								
1	US15921 v5	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry.	3								
1	US21059 v4	Demonstrate knowledge of knife care, use, storage and carrying for the hospitality industry.	2								
1	US21058 v4	Identify career pathways in the hospitality industry.	2								
1	US15900 v5	Prepare and present meat in the hospitality industry.	4								
1	US15901 v5	Prepare and present fruit and vegetables in the hospitality industry.	3								
1	US19770 v4	Prepare and present egg and cheese dishes in the hospitality industry.	3								

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Materials \$120.

Where does this lead to?

Level 2 Hospitality & Catering - HOC 201

Teacher in charge:

Ms Hamer

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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HOSPITALITY & CATERING

NCEA LEVEL 2

HOC 201

What will I learn?

Year 12 Hospitality and Catering course is a Unit Standard based course and the Level 2 units offered include: food safety, knives, salads, vegetable cuts, sandwiches and foods cooked by grilling, roasting and frying totalling 18 credits. All units are internally assessed.

Entry Requirements

Year 11 FON 101 or HOC 101 or approval from the HOD.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	US167 v8	Food safety	4										
2	US13285 v5	Handle and maintain knives.	2										
2	US13276 v5	Cook food by grilling	2										
2	US13283 v5	Prepare and present salads.	2										
2	US13271 v5	Cook food items by frying.	2										
2	US13278 v5	Cook foods by roasting	2										
2	US13280 v5	Prepare fruit and vegetable cuts.	2										
2	US13281 v6	Prepare and present basic sandwiches.	2										

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$35.00

Where does this lead to?

Level 3 Hospitality & Catering – HOC 301

Teacher in charge:

Ms Hamer

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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HOSPITALITY & CATERING

NCEA LEVEL 3

HOC 301

What will I learn?

Food safety, hazards and hygiene, food preparation and presentation, nutrition and culinary terms used in the hospitality industry. Year 13 Hospitality and Catering course is a theory-based Unit Standards course. Related practical lessons are offered when applicable. Topics covered include :

- food contamination and the control methods used in a food business.
- basic nutrition.
- Culinary terms used in the hospitality industry.
- Coffee origin and production (to be confirmed)

Entry Requirements

A minimum of 15 Unit Standard credits in NCEA Level 2 HOC 201 including US 167 or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	US168 v6	Demonstrate knowledge of food contamination, hazards and control methods used in a food business.	4										
3	US13343 v5	Demonstrate knowledge of basic nutrition in commercial catering.	4										
3	US18497 v7	Demonstrate knowledge of culinary products and terms	8										
3	US17284 v6	Demonstrate knowledge of coffee origin and production (to be confirmed)	3										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary. This course does not offer credits towards gaining University Entrance.

NB The above standards are subject to change.

Learning Resources that are Highly Recommended. Industry trips \$25.00 approximately

Where does this lead to?

WelTec or a career in the Hospitality area

Teacher in charge:

Ms Hamer

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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MECHANICAL ENGINEERING

NCEA LEVEL 1

MET 101

What will I learn?

This course will offer an introduction to basic construction skills, including safety, processes, materials, and quality control. You will learn how to use hand and power tools to produce quality metalwork.

Entry Requirements

Students should have successfully completed Year 10 Metalwork or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	US22926 v2	Demonstrate knowledge of safety procedures in a specific engineering workshop.	2					SR			
1	US22923 v2	Demonstrate basic engineering workshop skills under close supervision.	12					SR			
1	US22924 v2	Develop a simple product using engineering materials.	10					SR			
1	US4433 v6	Select, use, and care for simple measuring devices used in engineering.	2								

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1. The Unit Standards will be assessed through a combination of written and practical skills to be completed throughout the year.

Learning Resources that are Highly Recommended. Materials \$90.00

Where does this lead to?

Level 2 Mechanical Engineering - MET 201

Teacher in charge:

Mr Booth

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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MECHANICAL ENGINEERING

NCEA LEVEL 2

MET 201

What will I learn?

This course will offer an introduction to basic construction skills, including safety, processes, materials, and quality control. You will learn how to use hand and power tools to produce quality metalwork. One or two projects will be completed over the year.

Entry Requirements

A minimum of 10 credits in MWK101 or HOD approval?

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	US2395 v8	Select, use and care for engineering hand tools	4				SR						
2	US2396 v6	Select, use and maintain portable hand held engineering power tools.	4				SR						
2	US4435 v7	Select, use and care for engineering dimensional measuring equipment	3				SR						
2	US4436 v6	Select, use and care for engineering marking-out equipment	4				SR						
2	US20917 v3	Demonstrate basic knowledge of engineering materials.	2				SR						
2	US21911 v2	Demonstrate knowledge of safety on engineering worksites	2				SR						

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended Material \$90.00.

Where does this lead to?

Careers in engineering, joinery and other construction industries, WelTec.

Teacher in charge:

Mr Booth

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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TEXTILES

NCEA LEVEL 1

TET 101

What will I learn?

Year 11 Textiles follows the Technology curriculum. Topics covered include: adapting a clothing item to fit an individual, developing a prototype of a bag that fits a purpose and using planning tools to guide the technological development of an outcome to address a brief.

Entry Requirements

Successful completion of Year 9 or 10 Textiles or with HOD approval

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91096 v4	Make basic adaptations to a pattern to enable a design to fit a person or item.	4						SR		
1	AS91058 v4	Implement basic procedures using textile material to make a specified product.	6						SR		
1	AS91045 V3	Use planning tools to guide the technological development of an outcome to address a brief.	4								

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS91053 v3	Demonstrate understanding of design elements.	3							✓	

Notes: Remember you need 10 Level 1 literacy and numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Materials – costs approximately \$50 depending on choice of product and fabric.

Where does this lead to?

Level 2 Textiles – TET 201

Teacher in charge:

Ms Reddy

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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TEXTILES

NCEA LEVEL 2

TET 201

What will I learn?

Year 12 Textiles follows the technology curriculum. Topics covered include implementing advanced procedures to construct a dressing gown and making advanced adaptations to a pattern to change the structural and style features of a design for a summer dress.

Entry Requirements

A minimum of 14 credits in NCEA Level 1 Textiles Technology or by HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91345 v4	Implement advanced procedures using textile materials to make a specified product with special features.	6				SR						
2	AS91350 V4	Make advanced adaptations to a pattern to change the structural and style features of a design					SR	SR	SR				
2	AS91357 v3	Undertake effective development to make and trial a prototype.	6				SR						

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91358 v3	Demonstrate how technological modelling supports risk management	4									✓	

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Costs for each unit will vary and depend on what individual students choose to make and the fabrics they select (approximately \$50.00).

Where does this lead to?

Level 3 Textiles - TET 301

Teacher in charge:

Ms Reddy

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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TEXTILES

NCEA LEVEL 3

TET 301

What will I learn?

Year 13 Textiles follows the Technology curriculum. Topics covered will be decided on in consultation between the students and the Textiles teacher. They can include; implementing complex procedures using textile materials to make a jacket with an applied design; and undertaking project management to support technological practice to create a prototype that fits a purpose in the broadest sense. **Students will select up to 20 credits of the standards offered.**

Entry Requirements

A minimum of 15 Achievement Standard credits in NCEA Level 2 Textiles or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91609 V3	Undertake project management to support technological practice	4									✓	
3	AS91623 v3	Implement complex procedures to create an applied design for a specified product	4										
3	AS91621 v3	Implement complex procedures using textile materials to make a specified product.	6										
3	AS91611 V3	Develop a prototype considering fitness for purpose in the broadest sense	6									✓	

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91617 v3	Undertake a critique of a technological outcome's design.	4							✓		✓	

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Costs for each unit will vary and depend on what individual students choose to make and the fabrics they select (approximately \$50.00).

Where does this lead to?

University, Fashion Tech, Toi Whakaari, Fashion & textile careers.

Teacher in charge:

Ms Reddy

VISUAL ART

Head of Department – Rachel Clark

The Visual Arts curriculum at Upper Hutt College provides students with opportunities to explore, challenge, affirm, and celebrate unique artistic expressions of self, community and all cultures. It provides opportunities for student identity to be openly explored, and is inclusive of the forms and practices of customary and contemporary Māori and Pasifika visual arts.

Students in the junior Art programme at Upper Hutt College learn the fundamental elements and principles of design through a highly structured and diverse curriculum; from colour theory, painting, printmaking and sculpture to digital art, design and photography using Photoshop. The junior curriculum prepares students for senior Art specialist subjects by equipping them with a kete full of techniques, experiences and knowledge of a wide range of art making conventions.

In order to enrol in Level Two and Three specialist Art courses, students must have achieved Level One Art. Exceptions may be considered where a student demonstrates exceptional art making skills in an interview with the Head of Department.



Level One Visual Arts

Pre-requisite for Level Two and Three specialist Art courses

Students explore a range of printmaking, photography and painting techniques in order to develop their drawings into a series of final works for their external portfolio.

Levels Two and Three

Specialist studies in Level Two and Three **Art Painting, Digital Painting, Printmaking, Art Design | Illustration and Digital Photography** are more student directed and involve inquiry based learning over the duration of the academic year.

Where students are enrolled in more than one Visual Art subject, they may use the same theme for their inquiry across both art disciplines for example Level Two Photography and Level Two Design.

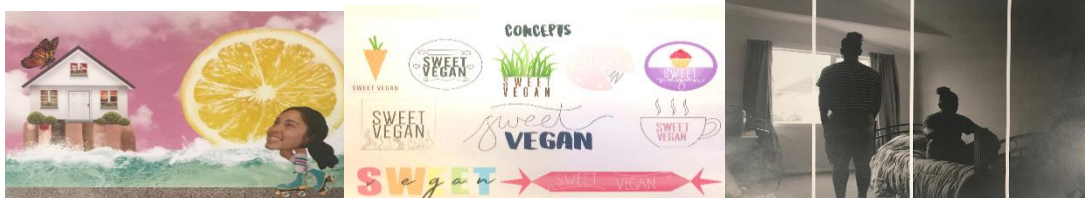


This approach to the senior art curriculum prepares our young people for a future in the **Creative Industries** via academic or vocational pathways such as:

- Visual and performing arts as artists, technicians or educators
- Museum and gallery curation or management, commercial / fashion photography
- Photojournalism, film / documentary and television
- Design and development of products, including communications, advertising and publishing, events organiser.
- Arts-related businesses connected with large industries such as film, television and animation
- Management roles including heritage and cultural advice. Māori and Pasifika culture and identity is fully represented in this pathway. Through working in the creative industries young people can make a difference to individuals, whānau, hapū, iwi, communities and the world at large.
- Work requiring te reo Māori and/or kaupapa/tikanga Māori awareness continue to grow, along with a strong, contemporary Māori arts scene.

Subject Endorsement and University Entry

Students have the opportunity to produce a large body of work and a portfolio at Level Two that becomes a gateway for university entry. We offer Visual Arts Merit and Excellence subject endorsement at Level One, Two and Three and Scholarship at Level Three should a student be a strong candidate.



PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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VISUAL ART

NCEA LEVEL 1

ART 101

What will I learn?

The Visual Art programme aims to develop your skills in using various art making media and techniques such as drawing, painting, photography and printmaking. This is to prepare you for the range of arts disciplines offered in the senior school. You will develop art ideas around your identity titled *My Place*. All standards involve practical, hands on tasks with internal standards contributing to the development of the work for the external folio.

Entry Requirements

A good level of achievement in Year 10 Art.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90917 v4 (optional)	Produce a finished work that demonstrates skills appropriate to cultural conventions.	4								
1	AS90914 v3	Use drawing methods and skills for recording information using wet and dry media.	4								
1	AS90915 v2	Use drawing conventions to develop work in more than one field of practice.	6								

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	Level 1	
										Lit	Num
1	AS90916 v3	Use drawing conventions to develop work informed by established practice, which develops ideas using a range of media.	12								

Notes: You need 10 Level 1 literacy and 10 numeracy credits to gain NCEA Level 1.

Learning Resources that are Highly Recommended. Materials \$70.00. Some additional costs may occur to cover gallery trips to Wellington.

Teacher in Charge:
Ms Clark

Where does this lead to?

Level 2 Visual Arts courses including Painting, Digital Painting, Design, Printmaking and Photography. Creates strong pathways for a career in the Creative Industries or to tertiary study.

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ART - DESIGN

NCEA LEVEL 2

ADE 201

What will I learn?

Year 12 Design

You will explore the conventions of renowned professional designers to inform your own design enquiry. This will develop your critical and communication skills and prepare you with a kete of tools you will apply, develop and extend within your own design briefs through hand drawing, illustration and the digital Adobe Suite (Photoshop and Illustrator). The two internal standards lead into the external folio.

Note: Hand drawn and/or Digital illustration folio may be submitted in this course instead of Art Design folio.

Entry Requirements

A good record of achievement in Level 1 Visual Art, including a successful portfolio submission, or by HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91325 v4 (optional)	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions.	4										
2	AS91310 v2	Use drawing methods to apply knowledge of conventions appropriate to design.	4						SR				
2	AS91315 v2	Develop ideas in a related series of drawings appropriate to established design practice.	4						SR				

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91320 v2	Produce a systematic body of work that shows understanding of art making conventions and ideas within design.	12										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$75.00 The department has a computer suite and printer.

Teacher in charge
Rachel Clark

Where does this lead to?

Level 3 Visual Arts courses including Digital Painting, Design and Photography.

Creates strong pathways for a career in the Creative or Service Industries or to tertiary study.

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ART – PAINTING/PRINTMAKING

NCEA LEVEL 2

APA 201

What will I learn?

Year 12 Painting

You will engage in a yearlong inquiry exploring a theme and subject of your choosing. Your work will explore current established drawing and painting or printmaking practice both of contemporary New Zealand and international art. You will develop your critical and fine art skills in drawing, painting, mixed media and printmaking. The two internal standards lead to external portfolio.

Entry Requirements

A good record of attendance and achievement in Level One Art.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91325 v2 (Optional)	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	4										
2	AS91311 v2	Use drawing methods to apply knowledge of conventions appropriate to painting or printmaking	4						SR				
2	AS91316 v2	Develop ideas in a related series of drawings appropriate to established painting or printmaking practice.	4						SR				

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91321 v2	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting or printmaking	12										

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$75.00. Some additional costs may occur to cover gallery trips to Wellington

Teacher in charge

Ms Clark

Where does this lead to?

Level 3 Visual Arts courses including Digital Painting, Design and Photography.

Creates strong pathways for a career in the Creative or Service Industries or to tertiary study.

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ART - DESIGN

NCEA LEVEL 3

ADE 301

What will I learn?

You will explore the conventions of renowned professional designers to inform your own design inquiry. This will further develop your critical and communication skills and prepare you with a kete of tools you will apply, develop and extend within your own design briefs through hand drawing and illustration and the digital Adobe Suite (Photoshop and Illustrator). The two internal standards lead into the external portfolio.

Note: Hand drawn and/or Digital Illustration folio may be submitted in this course instead of Art Design folio in this course.

Entry Requirements

A good record of attendance and achievement in Level 2 Design.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91460 V2 (optional)	Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context	4										
3	AS91450 V2	Systematically clarify ideas using drawing informed by established design practice	4										
3	AS91445 V2	Use drawing to demonstrate understanding of conventions appropriate to design	4										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91455 v1	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice.	14										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$75.00. The department has a computer suite and printer

Teacher in charge:

Ms Clark

Where does this lead to?

Creates strong pathways for a career in the Creative or Service Industries or into tertiary study.

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ART – PAINTING/PRINTMAKING

NCEA LEVEL 3

APA 301

What will I learn?

You will engage in a yearlong inquiry exploring a theme and subject of your choosing. Your work will explore current established drawing and painting practice both of contemporary New Zealand and international art. You will develop your critical and fine art skills in drawing, painting, mixed media and printmaking. The two internal standards lead to the external portfolio.

Entry Requirements

A good record of attendance and achievement in Level 2 Art.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91446 v1	Use drawing to demonstrate understanding of conventions appropriate to painting or printmaking	4										
3	AS91451 v2	Systematically clarify ideas using drawing.	4										
3	AS91460 V2 (optional)	Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context	4										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91456 V2	Produce a systematic body of work that integrates conventions and regenerates ideas within painting or printmaking practice.	14										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$75.00. Some additional costs may occur to cover gallery trips.

Teacher in charge
Ms Clark

Where does this lead to?

Creates strong pathways for a career in the Creative Industries or to tertiary study.

PRIMARY INDUSTRIES PI	SERVICE INDUSTRIES SI	SOCIAL & COMMUNITY SERVICES S & C	MANUFACTURING & TECHNOLOGY M & T	CONSTRUCTION & INFRASTRUCTURE C & I	CREATIVE INDUSTRIES C
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PHOTOGRAPHY

NCEA LEVEL 2

PHO 201

What will I learn?

You will engage in a yearlong inquiry exploring a theme and subject of your choosing. Your work will explore current established photographers and photographic practice both of contemporary New Zealand and international art. You will develop your critical and fine art skills using a digital SLR camera. You will have the option of submitting a portfolio of work either by printing or moving image (short film); digital submissions are acceptable. The two internal standards lead to the external portfolio.

Entry Requirements

A good level of attendance and achievement in Year 11 Visual Art or by HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91312 v2	Use drawing methods to apply knowledge of conventions appropriate to photography.	4						SR				
2	AS91317 v2	Develop ideas in a related series of drawings appropriate to established photography practice	4						SR				
2	91325 vSR3 (optional)	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	4										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
2	AS91322 v2	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography.	12										

Vocational Pathways Award

To achieve a vocational pathways award you must gain NCEA Level 2 and achieve 60 credits from the recommended assessment standards, including 20 Sector Related (SR) Standards from the same pathway.

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$100, Digital SLR Camera. The department has a computer suite and printer. Some additional costs may occur to cover gallery trips to Wellington.

This is course is in high demand so it is advantageous to have a digital SLR camera by course confirmation day.

Teacher in charge:

Ms Clark

Where does this lead to?

Photography 301. Creates strong pathways for a career in the Creative Industries or to tertiary study

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PHOTOGRAPHY

NCEA LEVEL 3

PHO 301

What will I learn?

You will engage in a yearlong inquiry exploring a theme and subject of your choosing. Your work will explore current established photographers and photographic practice both of contemporary New Zealand and international artists. You will develop your critical and fine art skills using a digital SLR camera. You will have the option of submitting a portfolio of work either by printing or moving image (short film); digital submissions are acceptable. The two internal standards lead to the external portfolio.

Entry Requirements

A good level of attendance and achievement in Level 2 Art or Photography or HOD approval.

How is this course assessed?

INTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91447 v1	Use drawing to demonstrate understanding of conventions appropriate to photography.	4										
3	AS91452 v1	Systematically clarify ideas using drawing informed by established photography practice.	4										
3	AS91460 V4 (optional)	Produce a resolved work that demonstrates purposeful control of skills appropriate to a visual arts cultural context	4										

EXTERNAL STANDARDS

Level	NZQA Code	Standard	Credits	PI	SI	S&C	M&T	C&I	C	UE Literacy		Level 1	
										Wr	R	Lit	Num
3	AS91457 v2	Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice.	14										

Notes: For University Entrance 5 Writing and 5 Reading credits are necessary.

Learning Resources that are Highly Recommended. Materials \$100.00, Digital SLR camera. The department has a computer suite and printer. Some additional costs may occur to cover gallery trips to Wellington.

This is course is in high demand so it is advantageous to have a digital SLR camera by course confirmation day.

Teacher in charge:

Ms Clark

Where does this lead to?

Creates strong pathways for a career in the Creative Industries or into tertiary study.