

2024 Senior Course Selection Handbook

Roncalli College

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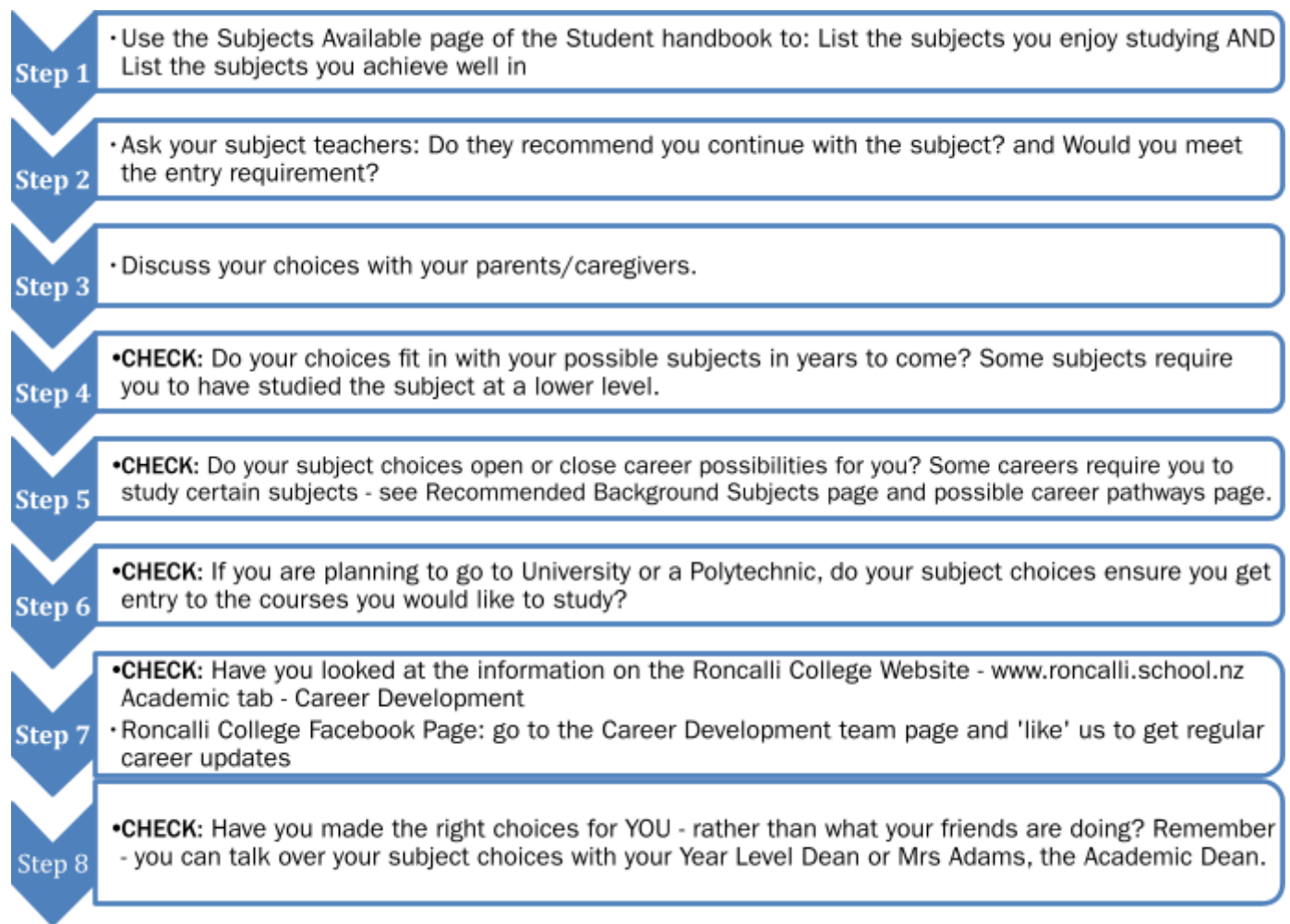
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HOW TO CHOOSE YOUR SUBJECTS



IF YOU NEED MORE HELP TO GET STARTED you may like to use the CAREERSNZ website www.careers.govt.nz that has information regarding subjects, careers, job outlook, pay, working conditions etc. This is the national website. 'Careerquest' is part of this website and is an online careers tool. It will link your areas of interest to careers and the subjects you need.

VOCATIONAL PATHWAYS FOR ALL SECONDARY STUDENTS



All curriculum standards fall within one or more of these [vocational pathways](#).

Vocational Pathways relate the standards you are learning to future study options and job opportunities. The pathways provide clear study options that are valued by employers and show you what employers expect to see you achieve in your learning.

The pathways cover six broad industry sectors:

- **Manufacturing and technology**
- **Construction and infrastructure**
- **Creative industries**
- **Primary industries**
- **Social and community services**
- **Services industries.**

<http://www.careers.govt.nz/education-and-training/still-at-school/vocational-pathways/>

LINK YOUR SUBJECTS TO CAREER AREAS

Look down the subject column for the ones you enjoy, then look at the possible career pathways:

SUBJECT	CERTIFICATES AND DIPLOMAS Level 2-5	DEGREES AND UNIVERSITY/POLYTECHNIC Level 7+
Visual Arts, Music or Performing Arts	Animator, Artist, Signmaker, Monumental Mason, Jeweller, Hairdresser, Photographer, Screen Printer, Musician, Singer, Actor, Radio Broadcaster, Production Designer, Film Editor, Camera Operator, Lighting Technician,	Curator, Music Teacher, Conductor, Composer, Film Director, Radio Producer, Record Producer, Production Assistant, Events Management, Sound Engineer, Music Therapist
Accounting, Economics, Business Studies	Legal Executive, Insurance Claims Officer, Personal Banker, Accounting Technician, Share Broker, Travel Agent, Wool Buyer, Livestock Agent/Buyer, Purchasing Officer, Office Manager, Human Resources Officer, Recruitment Consultant	Financial Officer, Accountant, Insurance Loss Adjuster, Market Researcher, Employment Relations Manager, Teacher, Hotel Manager, Farm Consultant, Property Valuer, Mortgage Broker, Quantity Surveyor
Biology	Meat Inspector, Farm Manager, Ranger, Farrier, Veterinary Nurse, Massage Therapist, Health Promoter, Fitness Instructor, Professional Sports Coach, First Aid Tutor	Veterinarian, Agricultural Scientist, Quarantine Inspector, Biosecurity Officer, Brewer, Ambulance Paramedic, Medical Radiation Technologist, Radiation Therapist, Medical Laboratory Scientist, Science Technician, Pharmacist, Dietician, Midwife, Nurse, Dental Technician, Optometrist, Podiatrist, Physiotherapist, Occupational Therapist, Speech Language Therapist, Teacher
Chemistry	Medical Laboratory Technician, Pharmacy Technician, Optician, Winemaker	Dentist, Optometrist, Podiatrist, Veterinarian, Agricultural Scientist, Environmental Health Officer, Teacher, Metallurgist, Science Technician, Dietician, Pharmacist, Midwife, Nurse
English	Legal Executive, Communications Officer, Copywriter, Radio Broadcaster, TV Presenter, Author, Critic, Reviewer, Signer, Actor, Theatre Producer, Film Editor	Magazine Editor, Publishing Editor, Librarian, Curator, Teacher, Speech Language Therapist, Technical Communicator, Arbitrator, Policy Analyst, Solicitor, Barrister, Radio/TV Journalist, Film Producer/Director, Account Manager, Marketing Manager, Press Secretary, Diplomat, Mediator
Graphics, Food	Film Editor, Website Developer, Graphic Prepress worker, Animator/Cartoonist, Photographer, Screen Printer, Hat Maker, Tailor, Dressmaker, Clothing Designer, Upholsterer, Baker, Chef, Caterer, Butcher, Food and Beverage Manager	Landscape Architect, Architectural Draughtsperson, Interior Designer, Industrial Designer, Graphic Designer, Map Maker, Advertising Art Director, Account Manager, Teacher
Green Jobs	Natural Health Therapist, Sustainable Recreation Manager, Natural History Photographer, Greenkeeper, Organic Orchardist/Farmer, Zookeeper, Ranger, Fishery Officer, Water/Waste Water Treatment Operator	Planner, Urban Designer, Landscape Architect, Renewable energy broker, Carbon Trader, Energy Auditor, Solar Energy Technician, Biosecurity Officer, Teacher, Environmental Education Officer/Policy Analyst, Life Cycle Assessment Specialist, Farm Consultant, Sustainable business consultant, Resource Management Planner
Health and Physical Education	Detective, Police Officer, Personal Protection Officer, Health and Safety Officer, First Aid Tutor, Massage Therapist, Beauty Therapist, Fitness Instructor, Snowsport Instructor, Sports Coach, Community Worker, Rest Home Manager	Public Health Nurse, Ambulance Paramedic, Occupational Therapist, Physiotherapist, Acupuncturist, Dietician, Speech Language Therapist, Teacher, Social Worker, Midwife, Nurse
History, Geography, Classical Studies	Ranger, Survey Technician, Travel Agent, TV Presenter, Radio Broadcaster, Minister of Religion, Legal Executive, Member of Parliament, Immigration Officer, Importer/Exporter	Map Maker, Land Surveyor, Market Researcher, Social Worker, Journalist, Teacher, Librarian, Conservator, curator, Valuer, Press Secretary, Diplomat, Policy Analyst, Planner, Demographer

SUBJECT	CERTIFICATES AND DIPLOMAS Level 2-5	DEGREES AND UNIVERSITY/POLYTECHNIC Level 7+
Languages	Minister of Religion, Counsellor, Career Consultant, Community Worker, Health Promoter, Teacher Aide, Event Manager, Travel Agent, Immigration Officer, Fishery Officer, Police Officer, Interpreter, Radio Broadcaster	Mental Health Nurse, Social Worker, Diplomat, Arbitrator, Mediator, Translator, ESOL Teacher, Librarian
Mathematics and Statistics	Lift Technician, Electronics Technician, Locksmith, Builder, Plumber and Gasfitter, Electrician, Lighting Technician, Survey Technician, Navigator, Pilot, Accounting Technician, Personal Banker, Financial Adviser, Sharebroker, Underwriter, Insurance Claims Officer	Database Manager, Programmer, Systems Analyst, Financial Accountant, Mortgage Broker, Property Valuer, Quantity Surveyor, Map Maker, Demographer, Market Researcher, Teacher, Industrial Designer, Architectural Draughtsperson
Physics	Mechanical Services Tradesperson, Refrigeration Service Engineer, Lift Technician, Aircraft Engineer, Electrical Fitter, Engineering Draughtsperson, Merchant Navy officer, Tug Master, Pilot, Biomedical Technician, Anaesthetic Technician, Electronics Technician, Computer Systems Technician, Telecommunications Engineer, Lighting Technician, Sound Operator	Land Surveyor, Engineer, Food Technologist, Pharmacist, Optometrist, Radiation Therapist, Science Technician, Design Engineer, Oceanographer, Volcanologist, Weather Forecaster, Architect
Technology, Manufacturing, ICT, Electronics	Watchmaker & Repairer, Monumental Mason, Pattern Maker, Gunsmith, Composite Engineer, Toolmaker, Security Systems Technician, Industrial Measurement and Control Technician, Domestic Appliance Serviceperson, Electronics Technician, Printer, Website Administrator/Developer, Computer Systems Technician	Air Traffic Controller, Medical Radiation Technologist, Industrial Designer, Database Administrator, Software Architect, Systems Analyst, Teacher, Programmer
Vehicles, Construction, Electrical	Automotive Engineer, Panelbeater, Motorcycle Engineer, Fabrication Engineer, Boat Builder, Engineering Draughtsperson, Civil Engineering Technician, Construction Site Manager, Builder, Cabinet Maker, Plasterer, Locksmith, Plumber and Gasfitter, Refrigeration Service Engineer, Lift Technician, Electrician, Electrical Fitter, Line Mechanic	Navy Engineering Officer, Land Surveyor, Quantity Surveyor, Teacher, Mechanical Engineer, Structural Engineer, Fire Protection Engineer

RECOMMENDED BACKGROUND SUBJECTS

Below is a list of major subjects offered by the Universities and recommended school subjects which students should take to prepare themselves for their tertiary studies. These are recommended background subjects for Year 13 students.

	<i>Chemistry</i>	<i>Biology</i>	<i>Physics</i>	<i>Statistics</i>	<i>Calculus</i>	<i>English-rich*</i>	<i>Other</i>
Health Science First Year	++	++	++	++ or	+	+	
Medical Radiation Therapy		++	++	++ or	++	++	Level 3 Physics or Biology req.
BPhEd Majors	<i>Chemistry</i>	<i>Biology</i>	<i>Physics</i>	<i>Statistics</i>	<i>Calculus</i>	<i>English-rich*</i>	<i>Other</i>
Exercise & Sports Science		++		+			PE; Sciences
BSc Majors	<i>Chemistry</i>	<i>Biology</i>	<i>Physics</i>	<i>Statistics</i>	<i>Calculus</i>	<i>English-rich*</i>	<i>Other</i>
Biochemistry	++	++		+			

Chemistry	++		+	+	+		Level 2 Maths and Physics
Computer Science				+	++	+	
Genetics	++	++		+ or	+		
Mathematics				++	++		Computer Studies
Microbiology	++	++					
Neuroscience	++	++	+	+			
Psychology		++		++		+	
Zoology		++		++			
BAppSci Majors	Chemistry	Biology	Physics	Statistics	Calculus	English-rich*	Other
Energy Management			++		++		
Environmental Management		+		++ or	++		Geography, Sciences
Geographic Information Systems				+	++		Computer Studies, Geography
BCom Majors	Chemistry	Biology	Physics	Statistics	Calculus	English-rich*	Other
Accounting				++	+	+	Accounting
Economics				++	++	+	Economics
Finance				++	++	+	Accounting, Economics
Others	Chemistry	Biology	Physics	Statistics	Calculus	English-rich*	Other
Law (LLB)				+ or		++	Drama, Debating
Nursing	++	++				++	PE. (ARA)
Social Work (BSW)						+	Social Sciences
Teaching (Secondary)						+	Focus on teaching areas
Teaching (Primary) (ECE)						+	Level 2 English, Maths, Science
Engineering	++		++		++		
Veterinary	++	++	++			++	

* Categories include 'language rich' such as English, History and Geography etc.

(+) Background learning useful (++) Background learning recommended

1 OVERVIEW

Most senior students at Roncalli College work towards NCEA Level 1, 2 or 3 by gaining credits from either achievement standards or unit standards. A standard describes what a student should know and be able to do. Each standard is worth a certain number of credits. Some subjects also offer additional or alternative qualifications to NCEA.

The following are important points about the NCEA system at Roncalli College:

- All students in years 11 and 12 are expected to study 5 courses in addition to Religious Studies.
- Year 13 students have the option of studying:
 - RST/Service/Theology plus five courses; or
 - RST/Service/Theology plus four courses plus Gateway (by application); or
 - RST/Service/Theology plus four courses plus one Individual Learning Programme (ILP) by application
- All courses offer at least 16 credits which will count towards Level 1, Level 2, or Level 3 NCEA. These credits will be attained through passing standards.
- Some of these standards will be assessed internally by classroom teachers and some will be assessed externally by NZQA examinations in November and December.
- The requirements for each qualification are listed below.

1.1 COURSE AVAILABILITY AND CONTENT

After students have indicated their choice of courses, every effort is made to timetable the classes requested. However, please be aware some courses may only run if there is sufficient demand. This is at the discretion of the Principal.

Students who select to study an Individual Learning Programme as part of their Year 13 programme are able to negotiate the focus of this class with their Learning Advisor. Options for study may include self-directed learning, alternative subjects not currently offered at Roncalli College (eg. Correspondence School), university distance bridging courses, multi-level/NCEA Level 2 subjects or other forms of self-directed learning negotiated on a case by case basis.

Course content may change as a result of curriculum reviews; students will be advised of any changes.

1.2 QUALIFICATIONS

CERTIFICATE	CREDITS REQUIRED	COMPULSORY
NCEA Level 1	60 credits from Level 1 Achievement and/or Unit Standards	10 credits in Literacy; 10 credits in Numeracy. - co-requisite assessments
NCEA Level 2	80 credits from Achievement and/or Unit Standards	60 credits must be from Level 2 (or above) standards. Level 1 Literacy and Numeracy requirements must be met.
NCEA Level 3	80 credits from Achievement and/or Unit Standards	60 credits must be from Level 3 (or above) standards.
University Entrance (please refer to 4.1)	<ul style="list-style-type: none">NCEA Level 3 plus<ul style="list-style-type: none">Three subjects – at Level 3 or above, made up of a minimum of 14 credits in at least three separate university approved domainsLiteracy – 10 literacy credits at Level 2 or above, from specific standards, made up of 5 credits in reading and 5 credits in writingNumeracy – 10 numeracy credits at Level 1 or above, from specific achievement standards or three specific numeracy unit standards. (The Level 1 numeracy requirements meet this criteria)	
Scholarship	There are separate NCEA Scholarship examinations run by NZQA for the highest achieving students. These will be available for most Level 3 subjects and will be examined at the end of the year. Teachers of Level 3 subjects where Scholarship examinations are available will advise students on details.	

1.3 CERTIFICATE ENDORSEMENT

Candidates studying for NCEA Levels 1, 2 and 3 certificates are able to achieve these qualifications with Merit or Excellence endorsements. A certificate will be endorsed with Excellence where a student has 50 excellence credits at the level of the NCEA certificate or above. Where the student has a combination of 50 credits of Merit or Excellence at the level of the certificate or above they will be awarded a Merit endorsement. Credits used towards a certificate endorsement may be gained over longer than one calendar year.

1.4 SUBJECT ENDORSEMENT

A single course/subject may be endorsed with either Merit or Excellence. With subject endorsement, students will receive an Excellence endorsement if they gain 14 or more credits at Excellence level, while students gaining 14 or more credits at Merit (or Merit and Excellence) will gain a Merit endorsement. For subject endorsement, at least 3 of the 14 credits must be from internally assessed standards, and 3 from externally assessed standards – all within the one subject domain. The exception to this is PE and RE (at level 2 or above), which do not have externally assessed standards. Merit or Excellence endorsements are only able to be counted towards a subject endorsement in a single calendar year.

1.5 EXTERNAL EXAMINATIONS

All external standards are assessed at the end of the year by NZQA. Please refer to the timetable on the NZQA website. Formative assessments occur often throughout the year. It is important students adhere to the deadlines for formative assessments as set down by the Curriculum Leaders and subject teachers as the grades gained during these assessments may be required if a student is unable to sit the end of year examination.

2 NCEA LEVEL 1

At Roncalli College, all students must study Religious Studies, English (or Literacy) and Mathematics. Science is highly recommended. Staff will help students select the most appropriate English, Mathematics and Science course. Some of these will be totally based on NCEA achievement standards. Others will include a mix of achievement standards and/or unit standards. To achieve success in all subjects and reach their academic potential, students will need to manage their academic workload well and balance it with their co-curricular and paid work commitments.

2.1 LITERACY AND NUMERACY FOR LEVEL 1

Students can achieve the literacy and numeracy requirement for NCEA Level 1 by:

- literacy requirement - by achieving the co-requisite reading and writing assessments or for 2024 from standards nominated by NZQA.
- numeracy requirements - by achieving the co-requisite numeracy assessment or for 2024 from standards nominated by NZQA.

3 NCEA LEVEL 2

Students must study Religious Studies, Mathematics and English (or Literacy). Students are encouraged to study at the highest level possible. Career interests will have an important impact on choices so please spend some time viewing the subject "Where To" sheets. Some of these are on display in the Library. You can also go to the [Careers NZ Website](#).

4 NCEA LEVEL 3

Students must study Religious Studies. For NCEA Level 3, students will need to achieve 80 credits, of which 60 must be at Level 3 or above and 20 at Level 2 or above.

4.1 UNIVERSITY ENTRANCE REQUIREMENTS

University Entrance (UE) is the minimum requirement to go to a New Zealand university. To be awarded UE you will need:

- NCEA Level 3
- Three subjects - at **Level 3 or above**, made up of:
 - o 14 credits each, in three approved subjects
- Literacy - **10 literacy credits at Level 2 or above** made up of:
 - o 5 literacy credits identified by NZQA as meeting the reading requirement
 - o 5 literacy credits identified by NZQA as meeting the writing requirement
- Numeracy - **10 numeracy credits at Level 1 or above**, made up of:
 - o achievement standards – specified achievement standards available through a range of subjects, or
 - o unit standards - package of three numeracy unit standards (26623, 26626, 26627- all three required).

Once you have met the requirements for University Entrance it will appear on your Record of Achievement.

Only achievement standards will contribute to the approved subjects.

Credits can be accumulated over more than one year provided they are within a standard's expiry date. However, credits can only be counted towards a subject endorsement in one calendar year. Where a Unit Standard and an Achievement Standard assess the same learning outcome they are mutually exclusive for NCEA and University Entrance purposes.

4.2 UE APPROVED SUBJECTS CURRENTLY AVAILABLE AT RONCALLI COLLEGE

Art Design	Drama	Music
Art Painting	Economics	Physical Education
Art Photography	English	Physics
Biology	Engineering	Religious Studies
Chemistry	History	Science
Design Visual Communication	Mathematics with Calculus	Spanish
	Mathematics with Statistics	Young Enterprise Scheme

4.3 SCHOLARSHIP

Scholarship is designed to challenge and financially reward very able students who are going on to tertiary study. Students can be entered in one or more scholarship standards as well as their *full* Level 3 programme in consultation with their subject teachers. All assessments will be external. Please check the NZQA examination timetable for scholarship examination dates. Two levels of achievement can be gained; Scholarship or Outstanding Performance. Please refer to the NZQA website for full detail regarding the monetary awards available and criteria.

4.4 DISTANCE LEARNING

The College is committed to meeting the needs of our students within the resources that we possess. As the College embraces the digital learning environment, we have become more agile in facilitating learning for students in areas of interest to them.

One of these resources is the ability for students to learn using [Te Kura](#) whereby students may choose to take a subject that is not offered by the College. The College is open to supporting students who have a particular passion from [the courses that Te Kura offers](#).

In order to be considered for Distance Learning, students must have demonstrated a high degree of self management, independence and be computer literate. Whilst students will be provided with a space to work and supervised, learning is supported online by subject specialists. It is important to note that students are not able to study with Te Kura if a subject is offered at the College and it simply does not fit within a student's desired timetable.

4.5 QUALIFICATION FOR ENTRY TO UNIVERSITY/POLYTECHNIC (BACHELOR/DEGREE COURSES)

If you are contemplating going on to tertiary study when you leave school, remember that there are specific entry requirements from Polytechnics and Universities. To apply for a Bachelor (degree) course, all applicants must gain the University Entrance qualification. ***Note: A student's Level 2 results may be important for entry to Halls of Residence, Scholarship Applications and some courses like Nursing and Teaching.***

GUARANTEED ENTRY SCORE (University Only)

The process for entering some courses at University also requires a (GES – Guaranteed Entry Score).

There are a number of points required between 150 – 280 which depends on the course and university.

Your top 80 credits are taken (no more than 24 per subject) and given a score depending on the level attained.

Excellence – 4 points per credit

Merit – 3 points per credit

Achieved - 2 points per credit

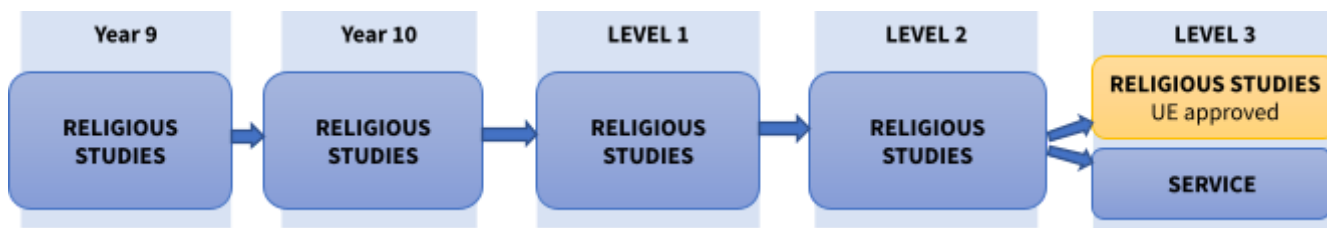
SENIOR SUBJECT AVAILABILITY IN 2024

Level 1	Level 2	Level 3
Compulsory	Compulsory	Compulsory
<input type="checkbox"/> Religious Studies <input type="checkbox"/> English <input type="checkbox"/> English (Literacy) <input type="checkbox"/> Mathematics	<input type="checkbox"/> Religious Studies <input type="checkbox"/> English (Written) <input type="checkbox"/> English (Visual) <input type="checkbox"/> English (Literacy) <input type="checkbox"/> Mathematics (2MA1) <input type="checkbox"/> Mathematics (2MA2)	<input type="checkbox"/> Religious Studies *UE <input type="checkbox"/> Religious Studies - Service
Options	Options	Options
<input type="checkbox"/> Commerce	<input type="checkbox"/> Economics <input type="checkbox"/> Young Enterprise Scheme	<input type="checkbox"/> Economics *UE <input type="checkbox"/> Young Enterprise Scheme *UE
<input type="checkbox"/> Design Visual Communication	<input type="checkbox"/> Design Visual Communication	<input type="checkbox"/> Design Visual Communication *UE
<input type="checkbox"/> DigiTech Engineering	<input type="checkbox"/> DigiTech Engineering	<input type="checkbox"/> DigiTech Engineering *UE
<input type="checkbox"/> Drama	<input type="checkbox"/> Drama	<input type="checkbox"/> Drama *UE
<input type="checkbox"/> ELL (Migrant/International English) <input type="checkbox"/> Food and Hospitality <input type="checkbox"/> Food and Nutrition	<input type="checkbox"/> ELL (Migrant/International English) <input type="checkbox"/> Food and Hospitality <input type="checkbox"/> Employment Studies <input type="checkbox"/> Gateway (by application)	<input type="checkbox"/> English (Written) *UE <input type="checkbox"/> English (Visual) *UE <input type="checkbox"/> ELL (Migrant/International English) <input type="checkbox"/> Food and Hospitality <input type="checkbox"/> Employment Studies <input type="checkbox"/> Gateway (by application) <input type="checkbox"/> ILP Independent Learning Programme (by application)
<input type="checkbox"/> Our World, Our Future	<input type="checkbox"/> Our World, Our Future	<input type="checkbox"/> Our World, Our Future
<input type="checkbox"/> History	<input type="checkbox"/> History	<input type="checkbox"/> History *UE <input type="checkbox"/> Mathematics with Calculus *UE <input type="checkbox"/> Mathematics with Statistics *UE <input type="checkbox"/> Mathematics with Financial Literacy
<input type="checkbox"/> Music	<input type="checkbox"/> Music	<input type="checkbox"/> Music *UE
<input type="checkbox"/> Outdoor Education	<input type="checkbox"/> Outdoor Education	<input type="checkbox"/> Outdoor Education
<input type="checkbox"/> Physical Education	<input type="checkbox"/> Physical Education	<input type="checkbox"/> Physical Education *UE
<input type="checkbox"/> Resistant Materials Technology	<input type="checkbox"/> Resistant Materials Technology	<input type="checkbox"/> Resistant Materials Technology
<input type="checkbox"/> Science 101 (highly recommended) <input type="checkbox"/> Science 102 (highly recommended)	<input type="checkbox"/> Biology <input type="checkbox"/> Chemistry <input type="checkbox"/> Physics <input type="checkbox"/> Science	<input type="checkbox"/> Biology *UE <input type="checkbox"/> Chemistry *UE <input type="checkbox"/> Physics *UE <input type="checkbox"/> Science *UE
<input type="checkbox"/> Spanish <input type="checkbox"/> Te Ao Māori	<input type="checkbox"/> Spanish	<input type="checkbox"/> Spanish *UE
<input type="checkbox"/> Visual Arts	<input type="checkbox"/> Art Design <input type="checkbox"/> Painting <input type="checkbox"/> Photography	<input type="checkbox"/> Art Design *UE <input type="checkbox"/> Painting *UE <input type="checkbox"/> Photography *UE

Please be aware that while every effort will be made to provide the subjects advertised. Subjects will only run if certain criteria are met.

*UE – to use the subject for University Entrance, students must achieve a minimum of 14 credits from one domain in their chosen subject.

Religious Studies provides a foundation of knowledge which works alongside the whole school's Catholic Character, which helps form students' understanding of what it means to be a disciple of Jesus and a member of the Catholic Church.



RELIGIOUS STUDIES – LEVEL 1

COURSE STATEMENT:

In Level One Religious Studies, students will: examine the key beliefs of Catholics, delve into the history of the Catholic Church in New Zealand, understand Jesus through exploration of the Gospels and investigate how to live their best life in modern culture through the lens of Catholic tradition and teachings.

COURSE PREREQUISITES:

This is a compulsory course and builds off Year 9 and 10 Religious Studies.

ADDITIONAL REQUIREMENTS:

A one day Retreat

RELIGIOUS STUDIES – LEVEL 2

COURSE STATEMENT:

Topics in this course include: justice and peace, religions of the world, commitment and ministry, Christian morality, biblical studies, and loss, death, grief and dying.

COURSE PREREQUISITES:

This compulsory course builds on Religious Studies taught in Years 9, 10 and 11. It will help students to continue their growth and spiritual awareness.

ADDITIONAL REQUIREMENTS:

A one day Social Justice Retreat.

RELIGIOUS STUDIES – LEVEL 3

COURSE STATEMENT:

This is an academic course where students discuss and debate ethical issues pertaining to their own moral threshold and those of the Catholic Church, examine Cults and Sects and research a new religious tradition in New Zealand, and ponder the Ultimate Questions - what makes us happy? What is the meaning of life? What is of value in life?

COURSE PREREQUISITES:

Students taking this course will need to be committed to work both inside and outside the classroom, have strong literacy skills, be focused and self-motivated.

ADDITIONAL REQUIREMENTS:

COURSE COST: \$75 (3 day Retreat at Raincliff)

RELIGIOUS STUDIES - SERVICE – LEVEL 3

COURSE STATEMENT:

This course is more practical and has a focus on service within the Catholic Church. Students will undertake small service projects throughout the year at school, in our Parish and wider community. In this course, students work at their own pace by sitting a reduced number of achievement standards. For students who pass both achievement standards, there is the opportunity to complete a research standard in Term 4 to gain University Entrance in Religious Studies.

COURSE PREREQUISITES:

Level 2 Religious Studies teachers and Learning Advisors can advise students on their suitability for this course.

ADDITIONAL REQUIREMENTS:

COURSE COST: \$75 (3 day Retreat at Raincliff)

THEOLOGY – LEVEL 4

COURSE STATEMENT:

This course is suited for students who want to be academically extended. Theology is taken concurrently with Level 3 Religious Studies. Students will complete one of two papers offered in alternate years:

CHTH 102 The History of Christianity surveys the history of Christianity from around AD100 to the present day. That story is grounded in the early formation of Christian belief and practice. It then traces the development of Christianity through the Middle Ages, including the Crusades. It concludes with an overview of the modern world, briefly exploring such diverse contexts as Nazi Germany, Soviet Russia and North America.

CHTH 131 God and Ethics in the Modern World explores the big ideas that have shaped the modern world. Notions such as Freedom, Equality, Justice and Law are examined, and consideration is given to how these ideas are conceived differently within Christian and secular paradigms. Through the course of this study, the distinctive character of Christian ethics is brought to light, and the Christian approach to ethical questions is compared with other systems of ethics that have been developed in Western thought.

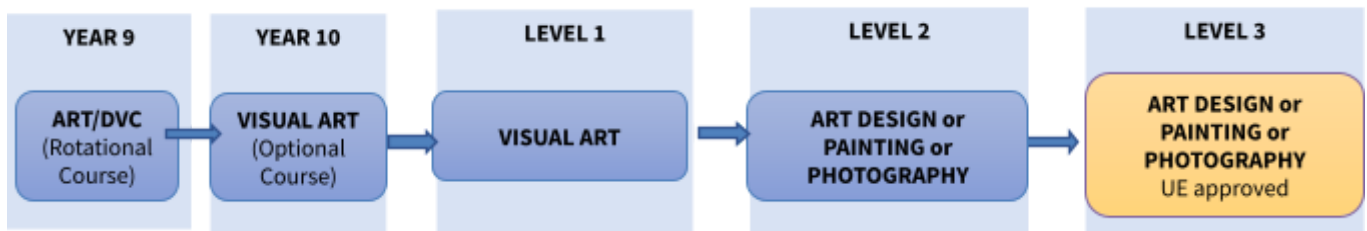
Studying Theology assists students with the development of critical thinking, logical analysis, cultural appreciation, writing and presentation. Above all, students will be equipped for university life. There is nothing like a positive experience to give students confidence as they begin a university degree, with 18 points already in place.

COURSE PREREQUISITES:

Admission is by application and approval from the Director of Religious Studies and Principal. Students need to satisfy literacy and numeracy requirements as this is an Otago University Distance Learning course. The University has limits on the total numbers of students who may enrol. Theology is intended for students who have achieved **high academic success** in Level 2 Religious Studies. This is a single university-semester course and does not count towards NCEA. Students taking this course will need to be an independent and self-directed learner.

Please note: International students are not eligible to enrol.

COURSE COST: The College covers the cost of this paper. A \$200 bond is required and refunded upon successful completion. Students still attend the Year 13 Retreat at Raincliff (\$75)



VISUAL ARTS – LEVEL 1

COURSE STATEMENT:

The course offers students a full art programme with both internal and external credits. This programme should be considered if students are intending on taking Visual Art to Level 3 and beyond. Independent, resourceful and creative learners achieve best in this subject. Emphasis is placed on observational drawing skills, development of ideas, technical skills, decision making and planning art works. Students also apply theoretical and historical knowledge of practical art to their own work.

COURSE PREREQUISITES:

Students achieve best in art when they have a practical background in learning art and have an interest in art. Independent, resourceful and creative learners achieve best in this course.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$20 External board

ART DESIGN – LEVEL 2

COURSE STATEMENT:

Art Design offers students a full course including external credits and is the prerequisite for a Level 3 Visual Arts course. Emphasis will be placed on observational skills, technical skills, and development of ideas, decision making and planning artwork. Students also apply theoretical and historical knowledge of practical art to their own work.

COURSE PREREQUISITES:

Students achieve best in art when they have a practical background and interest in art. Independent, resourceful and creative learners achieve best in this course. This course focuses on the practical areas of design. This course presents making and appraising experiences through a diverse range of two-dimensional art and design approaches with emphasis on diversification and experimentation. Only one Art course at Level 2 is permitted. It is recommended that you have a laptop with at least a 2Ghz processor and 8GB RAM with 2GB GPU memory so that it is able to run the full Adobe Suite.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$60 External board

ART DESIGN – LEVEL 3

COURSE STATEMENT:

There is a considerable part of this course that requires the student to develop an independent and consistent approach to the work and therefore the student will be required to work at a high level to achieve the best possible result.

Emphasis will be placed on observational skills, technical skills and development of ideas, decision making and planning artwork. Students also apply theoretical and historical knowledge of practical art to their own work.

COURSE PREREQUISITES:

Students achieve best in a Visual Arts medium when they have a practical background in learning art and have an interest. Independent, resourceful and creative learners achieve best in this course. Students are only able to select one Visual Arts course. This course is recommended for students who have had significant success obtaining all standards at Level 2. It is recommended that you have a laptop with at least a 2Ghz processor and 8GB RAM with 2GB GPU memory.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$80.00 External board

ART PAINTING – LEVEL 2

COURSE STATEMENT:

Art Painting offers students a full course including external credits and is the prerequisite for a Level 3 Visual Arts course. Emphasis will be placed on observational skills, technical skills, and development of ideas, decision making and planning artwork. Students also apply theoretical and historical knowledge of practical art to their own work.

COURSE PREREQUISITES:

Students achieve best in art when they have a practical background and interest in art. Independent, resourceful and creative learners achieve best in this course. This course focuses on the practical areas of Painting. This course presents making and appraising experiences through a diverse range of two-dimensional art and design approaches with emphasis on diversification and experimentation. Only one Art course at Level 2 is permitted.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$25 External board

ART PAINTING – LEVEL 3

COURSE STATEMENT:

There is a considerable part of this course that requires the student to develop an independent and consistent approach to the work and therefore the student will be required to work at a high level to achieve the best possible result.

Emphasis will be placed on observational skills, technical skills and development of ideas, decision making and planning art works. Students also apply theoretical and historical knowledge of practical art to their own work.

COURSE PREREQUISITES:

Students achieve best in a Visual Arts medium when they have a practical background in learning art and have an interest. Independent, resourceful and creative learners achieve best in this course. Due to the requirements of all Visual Arts courses, students are only able to select one Visual Arts course – Design, or Painting, or Photography. This course is recommended for students who have had significant success obtaining all standards at Level 2.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$25.00 External board

ART PHOTOGRAPHY – LEVEL 2

COURSE STATEMENT:

Photography offers students a full course and is the prerequisite for a Level 3 Visual Arts course. Emphasis will be placed on observational skills, technical skills, and development of ideas, decision making and planning artwork. Students also apply theoretical and historical knowledge of practical art to their own work. This course presents making and appraising experiences through a diverse range of two-dimensional art and design approaches with emphasis on diversification and experimentation.

COURSE PREREQUISITES:

Students achieve best in art when they have a practical background and interest in art. Independent, resourceful and creative learners achieve best in this course. This course focuses on the practical areas of Design/Painting/Photography. Only one Art course at Level 2 is permitted. It is recommended that you have a laptop with at least a 2Ghz processor and 8GB RAM with 2GB GPU memory so that it is able to run the full Adobe Suite.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$60.00 External board

ART PHOTOGRAPHY – LEVEL 3

COURSE DESCRIPTION:

There is a considerable part of this course that requires the student to develop an independent and consistent approach to the work and therefore the student will be required to work at a high level to achieve the best possible result.

Emphasis will be placed on observational skills, technical skills and development of ideas, decision making and planning art works. Students also apply theoretical and historical knowledge of practical art to their own work.

COURSE PREREQUISITES:

Students achieve best in a Visual Arts medium when they have a practical background in learning art and have an interest. Independent, resourceful and creative learners achieve best in this course. Students are only able to select one Visual Arts course. This course is recommended for students who have had significant success obtaining all standards at Level 2. It is recommended that you have a laptop with at least a 2Ghz processor and 8GB RAM with 2GB GPU memory.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$60.00 External board



DRAMA – LEVEL 1

COURSE STATEMENT:

Developing a practical understanding of the many facets of performance and becoming increasingly aware of the tools you have as an actor are a focal point of this course. Students will use reflections from live performances to inform their performance decisions. This is a great course to develop confidence and communication skills, as well as learning how to effectively and positively work with and relate to others.

COURSE PREREQUISITES:

Students need to be risk-takers, committed to work both inside and outside the classroom, focused, responsible and self-motivated.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$20 - viewing live performances is compulsory for the external, and is beneficial for each student's own performance development.

Generally, we travel to one or two shows in Christchurch throughout the year which cost approximately \$45 per student/ show. Where possible, we make the most of travelling theatre companies, so the cost is lower. This varies from year to year.

DRAMA – LEVEL 2

COURSE STATEMENT:

Developing a toolbox of skills to use as an actor, creator and artist, as well as building an understanding of reflective practice will underpin this course. Students will become increasingly aware of the many aspects that need to be considered in performance. This is a great course to develop confidence and communication skills, as well as learning how to effectively and positively work with and relate to others.

COURSE PREREQUISITES:

It is recommended that students have completed Level 1 Drama. Students need to be risk-takers, committed to work both inside and outside the classroom, focused, responsible and self-motivated.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$20 - viewing live performances is compulsory for the external, and is beneficial for each student's own performance development.

Generally, we travel to one or two shows in Christchurch throughout the year which cost approximately \$45 per student/ show. Where possible, we make the most of travelling theatre companies, so the cost is lower. This varies from year to year.

DRAMA – LEVEL 3

COURSE STATEMENT:

This course is adaptable to each student's individual skills and passions. A developing understanding of drama theory will allow students to forge connections between their knowledge and practice, developing their performance and directing/playwriting. There will be a continued focus on self-reflection and live performance analysis.

COURSE PREREQUISITES:

Students need to have done Level 2 Drama, be risk-takers, committed to work both inside and outside the classroom, focused, responsible and self-motivated.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$20 - viewing live performances is compulsory for the external, and is beneficial for each student's own performance development.

Generally, we travel to one or two shows in Christchurch throughout the year which cost approximately \$45 per student/ show. Where possible, we make the most of travelling theatre companies, so the cost is lower. This varies from year to year.



MUSIC – LEVEL 1

COURSE STATEMENT:

Performing, composing, listening to and notating music, working with others and also independently. Standards consist of performances, compositions, aural recreation and production, demonstrating skills and exploring music in context. There are workshop opportunities and visits to concerts.

COURSE PREREQUISITES:

Students who have learned a musical instrument (voice is an instrument) for approximately two years who enjoy listening to and making music. Students will continue to study their instrument.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$20 towards digital tools that the students use.

MUSIC – LEVEL 2

COURSE STATEMENT:

The structure of Level 2 Music is flexible so that individual student's strengths and needs are met. The course comprises solo and group performance, two compositions, instrumentation and research, working with others, working independently, reading and writing music notation.

COURSE PREREQUISITES:

This course is designed for students who have already learned a musical instrument for at least three years (voice is an instrument), enjoy composing their own music and would like to study pieces of music, enjoy listening to and making music. Students who will continue to study their instrument.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$20 towards digital tools that the students use.

MUSIC – LEVEL 3

COURSE STATEMENT:

Solo and group performance, composition, arrangement and research, working independently and with others. The course is flexible to meet individual student needs and strengths.

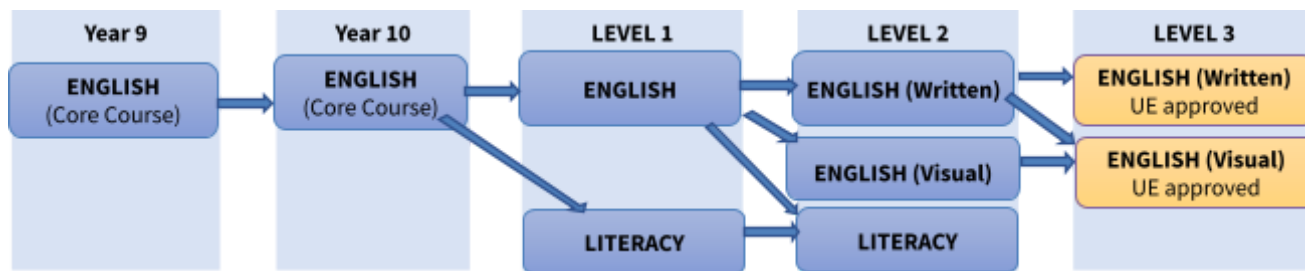
COURSE PREREQUISITES:

Have learned a musical instrument for approximately four years, enjoy listening to music, interested in studying music works or history, wish to compose own music, research a music topic or arrange an existing piece of music for other instruments. Students will continue to study their instrument.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$20 towards digital tools that the students use.

In English students study, use, and enjoy language and literature, communicated orally, visually and in writing through Reading, Writing, Listening, Speaking, Viewing and Presenting



ENGLISH – LEVEL 1

COURSE STATEMENT:

Level 1 English builds on the skills learnt in the junior school - *Reading, Writing, Listening, Speaking, Viewing and Presenting*. The curriculum is split into Visual text, Written text and Oral text. Students study texts, and learn to write both formally and creatively. To achieve: students need to be focused, think for themselves, work independently and take responsibility for their own learning and be prepared to constantly revise work based on the teacher feedback given.

COURSE PREREQUISITES:

This is a compulsory course for students completing Level 1 and are not taking Level 1 Literacy.

ENGLISH LITERACY – LEVEL 1

COURSE STATEMENT:

This subject builds on students' current skills. An emphasis is placed on the development of study and work skills, literacy and life skills. Topics of study include: practical literacy, goal setting, time management, assertiveness, communication and study skills, work readiness skills and life skills. Literacy also attempts to provide students with vocational knowledge and skills that will enable them to participate successfully in the workforce.

COURSE PREREQUISITES:

Literacy aims to provide students with a practical programme of study specifically designed to meet their individual needs. This course enables students to meet the Literacy requirements for NCEA Level 1. Students who take this course may take Literacy at Level 2. Students who enjoy learning at their own pace, are motivated and keen to learn, experience success in this subject.

ENGLISH WRITTEN – LEVEL 2

COURSE STATEMENT:

English Written builds on the skills learnt in Level 1. Students will study written texts, write both formally and creatively, and analyse how films have been crafted to achieve different purposes. Students will also continue to develop their research and essay writing skills. Achieving in English at Level 2 provides the foundations needed for further study in the Humanities and the recognised University Entrance literacy skills.

COURSE PREREQUISITES:

To gain entrance into English Written, you must have gained 13 credits in Level 1 English. To achieve at Level 2 English students need to be focused, think for themselves, work independently and take responsibility for their own learning and be prepared to constantly revise work based on the teacher feedback given. Students wanting to take Level 3 English must attempt the External Level 2 English Standard.

ENGLISH VISUAL – LEVEL 2

COURSE STATEMENT:

Level 2 English Visual builds on the skills learnt in Level 1, but focuses on more visual aspects. Students will study visual texts, write both formally and creatively, and analyse connections between different types of texts such as films, short stories, song lyrics, biographies, and articles. This course allows for University Entrance writing credits to be achieved, and with the right results can be a pathway for Level 3 English.

COURSE PREREQUISITES:

To gain entrance into English Visual, you must have gained 10 credits in Level 1 English. To achieve at Level 2 English students need to be focused, think for themselves, work independently and take responsibility for their own learning and be prepared to constantly revise work based on the teacher feedback given.

ENGLISH LITERACY – LEVEL 2

COURSE STATEMENT:

Level 2 English Literacy places emphasis on the development of literacy, study and work skills. It is designed for students who have taken an alternative English Literacy programme at Level 1. Students have the opportunity to work at a less pressured pace. Students who complete this course will gain transferable skills which will enable them to participate more easily in the workforce. An emphasis is on preparing students to use functional literacy skills in everyday life.

COURSE PREREQUISITES:

This is a practically based communications course integrating reading, writing and speaking. Achieving in this course enables students to meet the Literacy requirements for University Entrance. This gives students an alternative pathway to attain further literacy skills and knowledge in order to fulfil on-going course requirements for study at a tertiary level. Students who enjoy learning at their own pace, are motivated, and keen to learn experience success in this subject.

ENGLISH WRITTEN – LEVEL 3

COURSE STATEMENT:

A firm and confident command of written and spoken English is an increasingly rare commodity and is in high demand by employers and tertiary providers alike. Level 3 English Written builds on the skills you learnt at Level 2 and provides the foundation for the communication skills valued by the world beyond school. You will study written, visual, and oral texts in order to write both formally and creatively to gain both internal and external credits.

COURSE PREREQUISITES:

To gain entrance to Level 3 English Written, students must have gained at least 13 Level 2 English credits. You must have achieved your Level 2 external. To achieve Level 3 English you must be prepared to work hard, think critically, work independently and maintain your focus for the whole year. This course is aimed at Level 3 students who wish to finely tune their thinking, reading and writing skills.

ENGLISH VISUAL – LEVEL 3

COURSE STATEMENT:

This class offers another opportunity for students to gain UE writing (if they have not already) and complete a more skills based and visually focused English course. This is aimed at students who would like to achieve UE writing internally or those that want to do an English based course but do not meet the requirements for taking English Written.

COURSE PREREQUISITES:

To gain entrance to Level 3 English Visual, students must have gained at least 10 Level 2 English credits. This course is designed for students who have not met requirements for L3 English Written and/or have not achieved L2 writing. This can be approved on a case by case basis.

ENGLISH LANGUAGE LEARNERS – LEVEL 1/2/3

COURSE STATEMENT:

English for Speakers of Other Languages (ESOL) includes practical and theory in listening, reading, writing and speaking skills. Grammar and vocabulary are studied in context. Topics are chosen to suit the academic needs and interests of students. This may include units from higher or lower levels depending on progress. Assessments are cumulative and portfolios of work are collected during the year. Students can work towards an IELTS score, Speech New Zealand examinations or receive support in mainstream subjects.

COURSE PREREQUISITES:

This course is suitable for International Fee Paying Students and Migrant Students. An intensive programme for absolute beginners in English may be offered depending on numbers. Students must have an interest in improving their English speaking, reading, writing and listening skills and be prepared to reinforce their learning outside class.

ADDITIONAL REQUIREMENTS:

Students will work on individual programmes.



SPANISH – LEVEL 1

COURSE STATEMENT:

Level 1 Spanish builds on the skills and content developed in Year 10 Spanish. Curriculum strands involve *reading, writing, speaking, listening, presenting, and viewing*, and are presented through a combination of textbooks and digital tools. Developing student confidence in using Spanish independently is a primary focus. Cultural aspects of the language are explored throughout the year, through a variety of opportunities decided on between the teacher and students of each class.

COURSE PREREQUISITES:

Students must have completed **both** semesters of Year 10 Spanish (entry into Level 1 with only one semester at Year 10 is at the TIC Language and year level Dean's discretion). They also need to be comfortable attempting to use language, making mistakes, managing their learning needs outside of the classroom, and supporting classmates to do the same.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$20 - Digital Programme Subscription. Optional trips may be available throughout the year.

SPANISH – LEVEL 2

COURSE STATEMENT:

Level 2 Spanish continues to build on the strands developed in previous years. Level 2 focuses on communication of ideas and opinions. The course will focus on a variety of themes throughout the year to extend student confidence in using Spanish independently, and in critically responding to genuine material. Cultural aspects of the language are explored throughout the year, through a variety of opportunities decided on between the teacher and students of each class.

COURSE PREREQUISITES:

Level 1 Spanish. (or at the TIC Language and Dean's discretion). They also need to be comfortable attempting to use language, making mistakes, managing their learning needs outside of the classroom, and supporting classmates to do the same.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$20 - Digital Programme Subscription. Optional trips may be available throughout the year.

SPANISH – LEVEL 3

COURSE STATEMENT:

Level 3 Spanish continues to build on the strands developed in previous years. Level 3 focuses on cementing the students' abilities to communicate ideas and opinions, with justification. The course will focus on a variety of themes throughout the year to extend student confidence in using Spanish conversationally, responding to others, and in critically responding to genuine material. Cultural aspects of the language are explored throughout the year, through a variety of opportunities decided on between the teacher and students of each class.

COURSE PREREQUISITES:

Level 2 Spanish (or at the TIC Language and Dean's discretion). They also need to be comfortable attempting to use language, making mistakes, managing their learning needs outside of the classroom, and supporting classmates to do the same.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$20 - Digital Programme Subscription. Optional trips may be available throughout the year.

TE AO MĀORI – LEVEL 1

COURSE STATEMENT:

Level 1 Te Ao Māori builds on the skills and content developed in Year 10 Te Ao Māori. Curriculum strands involve *reading, writing, speaking, listening, presenting, and viewing*, and are presented through a combination of textbooks, digital tools and physical activities. Developing student confidence in using Te Reo Māori independently and developing understanding of Tikanga Māori are primary focuses in this course. Credits for the course are derived from both focuses, based on the readiness of each student within the class.

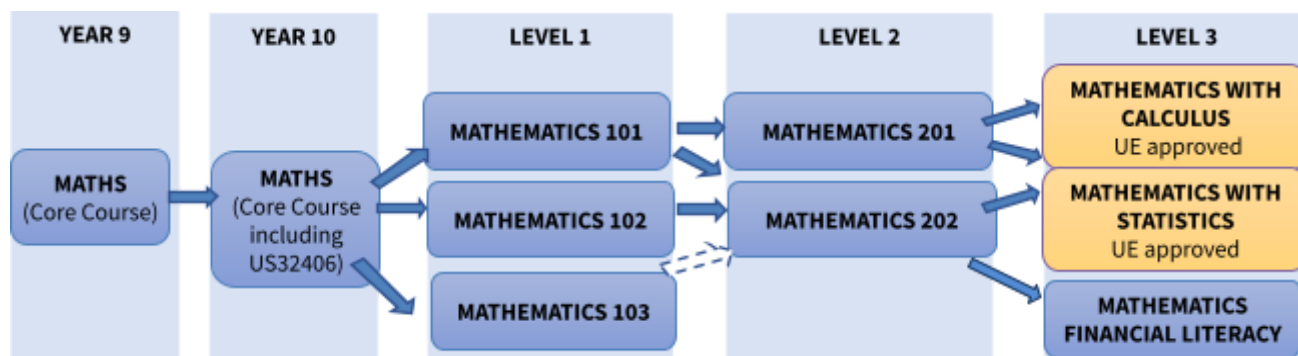
COURSE PREREQUISITES:

Students must have completed **both** semesters of Year 10 Te Reo Māori (entry into Level 1 with only one semester at Year 10 is at the TIC Language and year level Dean's discretion). They also need to be comfortable attempting to use language, making mistakes, managing their learning needs outside of the classroom, and supporting classmates to do the same.

ADDITIONAL REQUIREMENTS:

Course Contribution: Optional trips may be available throughout the year.

MATHEMATICS – CURRICULUM LEADER: MRS GEORGIA MCEWEN



MATHEMATICS 101 – LEVEL 1

COURSE STATEMENT:

Students who enter this course will have a sound knowledge of mathematical skills and concepts, be critical thinkers, have strong numerical skills and enjoy the ongoing challenge of mathematics and possess an aptitude for this subject. This is an academic course that allows varied options for further studies in Levels 2 and 3 (and tertiary studies). This is designed for students who are self-managers and motivated to develop their skills in all areas of Mathematics, especially Algebra.

COURSE PREREQUISITES:

Students will need to have gained Level 5 in most Year 10 assessments, with ability and confidence shown in Algebra specifically. Curriculum Leader discretion otherwise.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$TBC (Workbook)

MATHEMATICS 102 – LEVEL 1

COURSE STATEMENT:

The content of the course is based around two internals and one externally marked paper. This course is set for students who are not quite as confident in Algebra but have a good variety of different Mathematical skills. It can still lead into Mathematics 202 and Level 3 Statistics.

COURSE PREREQUISITES:

Students who enter this course have ability in Maths but are not as confident in Algebraic concepts and similar areas. They may or may not have passed Numeracy in Year 10 but should be fairly confident in basic skills.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$TBC (Workbook)

MATHEMATICS 103 – LEVEL 1

COURSE STATEMENT:

The content of the course is based around two internal standards. Students will also have the opportunity to work on their Numeracy skills in order to pass the Numeracy co-requisite assessment. This course is for students who may struggle more in Mathematics and need some extra support to gain Numeracy in Year 11.

COURSE PREREQUISITES:

Students will be recommended by their teacher to be in this course.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$TBC (Workbook)

MATHEMATICS 201 – LEVEL 2

COURSE STATEMENT:

Students who enter this course will have a sound knowledge of basic mathematical skills and concepts, be critical thinkers, have strong numerical skills and enjoy the ongoing challenge of mathematics. This is an academic course that allows varied options for further studies in Calculus and/or Statistics (and tertiary studies). This course is designed for students who are self-managing and motivated to develop their skills in all areas of Mathematics, especially Algebra.

COURSE PREREQUISITES:

Students will need to have gained a minimum of 14 credits in Level 1 Mathematics and at least an Achieved grade in AS91027 (Algebra), and in AS91028 (Tables, equations & graphs), however Merit or Excellence is preferable. Curriculum Leader discretion may be applied.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$14.50 workbook, \$21 D&D Revision Workbooks

MATHEMATICS 202 – LEVEL 2

COURSE STATEMENT:

This course is designed for students who require Level 2 Mathematics credits for entry into tertiary study and may wish to study Level 3 Statistics. The bulk of the course (13 credits) is internally assessed, with one 4 credit external. The course covers networks, trigonometry, co-ordinate geometry, sequences and series, statistics, and probability.

COURSE PREREQUISITES:

Students will need to have gained a minimum of 10 credits in Level 1 Mathematics. Curriculum Leader discretion may be applied.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$36 workbooks, \$7 D&D Revision Workbook

MATHEMATICS WITH FINANCIAL LITERACY – LEVEL 3

COURSE STATEMENT:

This course is aimed at students who need mathematics skills for living and covers things like budgeting, buying a house, different ways to increase personal income, etc. This course is designed for life skills, and offers Level 3 unit standards, with one Level 2 unit standard. It is not approved for university entrance.

COURSE PREREQUISITES:

This course is suitable for Year 13 students looking for a more 'life applicable' course.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$10 course booklets

MATHEMATICS WITH CALCULUS – LEVEL 3

COURSE STATEMENT:

This course is intended for students who are critical thinkers and enjoy the challenge of Mathematics. They may wish to study Mathematics at a tertiary level or may require Calculus as a prerequisite for entry into particular Level 4 courses of study. This will include students who are seeking to become advanced technical specialists in a field of their choice, such as Engineering, Architecture, etc. This course offers enough credits to gain University Entrance in Calculus.

COURSE PREREQUISITES:

A minimum of 14 credits in Level 2 Mathematics Achievement Standards with at least an Achieved grade in Algebra, Calculus and Graphs, but preferably working at Merit or Excellence in these. Curriculum Leader discretion otherwise.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$21 (Workbook), \$21 (D&D Revision Workbook)

MATHEMATICS WITH STATISTICS – LEVEL 3

COURSE STATEMENT:

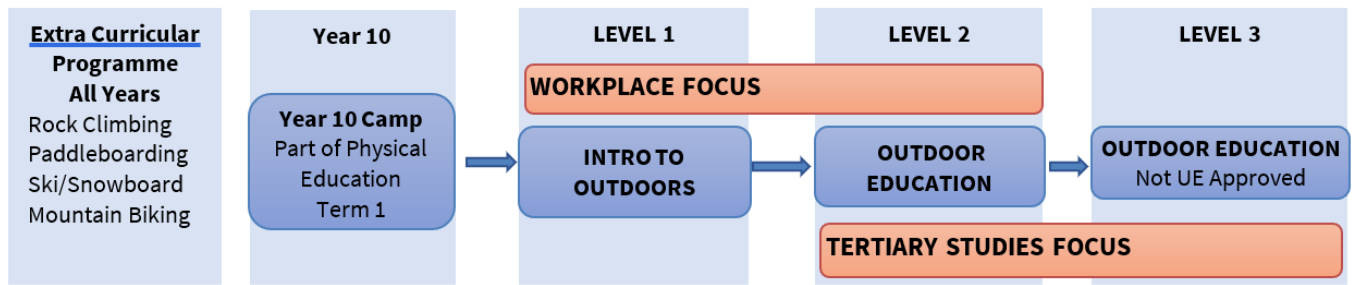
This course is intended for students who enjoy the interpretation and critical thinking in Statistics. They may intend to study Mathematics/Statistics at a tertiary level or may require Statistics as a prerequisite for entry into particular Level 4 courses of study such as Psychology, Social Sciences and Economics. This course offers enough credits to gain University Entrance in Mathematics.

COURSE PREREQUISITES:

Students require a minimum of 14 credits in Level 2 Mathematics Achievement Standards with at least an Achieved grade in each of the Statistics and Probability Standards. Curriculum Leader discretion otherwise.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$28 (Workbooks), \$14 (D&D Revision Workbook)



OUTDOOR EDUCATION – LEVEL 1

COURSE DESCRIPTION:

Outdoor Education involves students working in groups & individually towards planning, participating, and reflecting on their participation in a range of outdoor experiences. Through those experiences students will reflect on their contributions and progress whilst gaining key skills such as: improved confidence in self, going outside their comfort zone, learning strategies to cope in challenging situations, communication skills, planning and self-managing strategies. You will be assessed on demonstrating practical skills & knowledge in: Mountain biking & bike maintenance (3 day trip), Tramping (day tramps & overnight), and Rock Climbing at the school rock wall.

You can undertake Outdoor Education and Physical Education.

It is recommended that you undertake Outdoor Education for 2 years. The assessments at L1 are typically L2 standards (those L2 standards can be used towards L1 and also towards L2 the following year).

COURSE PREREQUISITES:

Students who have a keen interest in the outdoors, and those who enjoy working in a practical environment. Students will complete practical components for each unit of work and they will also be required to complete a written assessment digitally. Assessment activities are dependent on students participating in the planning of and attending scheduled activities.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$200 Mountain biking, \$120 Tramp, Rock Climbing \$50 (costs approx.)

OUTDOOR EDUCATION – LEVEL 2

COURSE DESCRIPTION:

Outdoor Education at Level 2 has the main focus more on independent group planning of, participating in, and reflecting on trips. Aim is on improving individual outdoor skills, risk assessment/safety, communicating effectively with others, self-management and organisational skills. Assessment activities are dependent on students participating in the planning of & attending activities.

Course Trips/Events: First Aid Course: 2 days, Paddleboarding: 3 days, Tramping/Navigation 5 days, Skiing/Snowboarding 5 days, and an optional Kayaking trip: 4 days.

You can undertake Outdoor Education and Physical Education. It is recommended that you undertake Outdoor Education for 2 years. Some credits achieved in this course are at L3 and can be used towards L3 NCEA also L2.

COURSE PREREQUISITES:

While there are no specific prerequisites for this course, a keen interest in the outdoors is essential as well as a reasonable level of physical ability and fitness. Taking Level 1 Outdoor Education, while not essential, is desirable.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$170 Tramp, \$570 Ski Trip (if you have a season pass to Coronet Peak cost is approx \$340), \$145 Paddle Boarding, \$450 Kayak (costs approx.)

OUTDOOR EDUCATION – LEVEL 3

COURSE DESCRIPTION:

This course is designed to further students' confidence and ability to independently plan and prepare for, lead, participate in, reflect on, and enjoy the outdoors safely. Students create their own personal learning plan at the start of the year based on what activities they would like to be involved in each Term.

Students will be assessed in these activities: Year 10 Camp 5 days, Tramping 5 days, Skiing/snowboarding 5 days. There is also an optional opportunity to participate in a Kayaking Trip in Term 4 (4 days) should the students show commitment and motivation in this course.

You can undertake Outdoor Education and Physical Education.

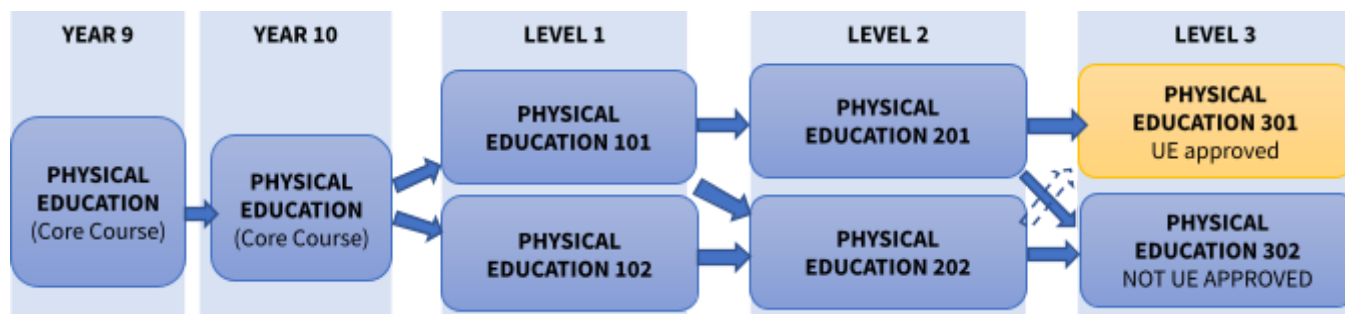
COURSE PREREQUISITES:

It is desirable that students should have taken Outdoor Education at Level 1 or Level 2 to do this course, but is not essential. Entry as at the discretion of the Curriculum Leader of Physical Education. Assessment activities are dependent on students participating in the planning of and attending scheduled activities.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$310 Camp, \$170 Tramp, \$570 Ski Trip, plus optional Kayak trip \$450 - Depending on numbers (costs approx.)

PHYSICAL EDUCATION – CURRICULUM LEADER: MR BRYCE CAIRD



PHYSICAL EDUCATION 101 – LEVEL 1

COURSE STATEMENT:

Level 1 PE is about developing knowledge and understanding of movement. This course is practical based and involves taking part in a range of activities and examining factors that influence a person's participation. Students complete units of work covering skill analysis, demonstrating practical skills and movement strategies, reflecting on influences on teamwork, and examining training principles and techniques.

COURSE PREREQUISITES:

For students who have an interest in sport, fitness and health, or wish to pursue a career in these areas. Students will need to have a positive attitude towards practical activities and will need to be able to complete a range of academic assignments.

PHYSICAL EDUCATION 201 – LEVEL 2

COURSE STATEMENT:

This course builds on material covered in the PE Level 1 course. Level 2 Physical Education students continue to develop their knowledge and understanding of movement concepts through the application of biophysical principles. The course covers anatomy, physiology, leadership and fitness training assessments. There is a compulsory trip as part of this course for our unit of group processes.

COURSE PREREQUISITES:

This is an academic course for students who have an interest in physical activity, sport, health and the movement culture, or who wish to work in the Sport, Fitness or Leisure industry. To participate in this course students must have successfully completed AS 90963 in Level 1 Physical Education, or have gained Curriculum Leader approval.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$280 (Group processes camp)

PHYSICAL EDUCATION 202 – LEVEL 2

COURSE STATEMENT:

Students will participate in a range of practical contexts and gain credits in training principles, personal and social responsibility, and organising sports events. As part of assessment work students will plan, implement and evaluate training programmes, run lunchtime sport competitions, and examine personal activity experiences.

COURSE PREREQUISITES:

You will need to have good communication skills, a good practical level of fitness and bring energy and enthusiasm to this course as well as an interest in fitness and health. This course has been designed for students who have successfully completed Level 1 Physical Education 101/102 and would like to work in the sport or fitness industry, or who have a strong interest in sport and fitness.

PHYSICAL EDUCATION 301 – LEVEL 3

COURSE STATEMENT:

Level 3 Physical Education students will, through participation in a range of activities, critically examine the movement culture and its place in our society. Students will examine their own personal sport and physical activity experiences, participate in a skill based training programme, analyse the performance of a practical skill and look at issues affecting physical activity and sport in New Zealand.

COURSE PREREQUISITES:

Students are strongly advised to have completed Level 2 Physical Education. Curriculum Leader approval is required for those students who have not previously taken Level 2 Physical Education.

PHYSICAL EDUCATION 302 – LEVEL 3

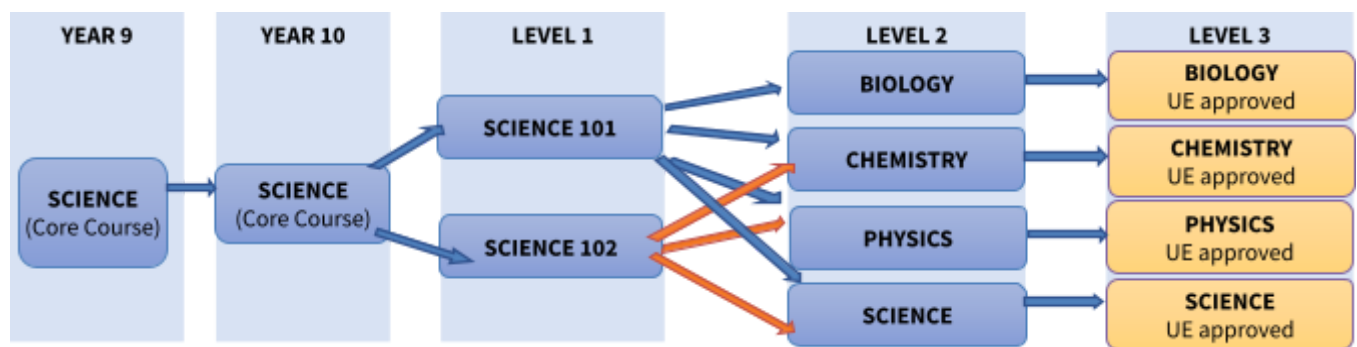
COURSE STATEMENT:

This course offers practical based units of work on fitness training and exercise based activities. Students will take part in a range of fitness and sport activities to demonstrate competency in fitness training related skills. This course would suit self motivated students who have an interest in sport and fitness training.

COURSE PREREQUISITES:

You will need to be able to commit to a physical training programme and be prepared to communicate to a wide range of people. Students who are self motivated and have an interest in physical fitness and sport would benefit from this course. No prior Physical Education standards are required.

SCIENCE – CURRICULUM LEADER: MRS ASHLEY HERBERT



SCIENCE 101 – LEVEL 1

COURSE STATEMENT:

Interested in Science? This course covers topics from Biology, Chemistry, and Physics. It is for the student who wants to study senior biology, chemistry or physics further in years 12 and/or 13. You will learn skills such as hypothesising, planning, data gathering, graphing, interpreting, research and writing skills, mathematics skills, balancing chemical equations, problem solving skills.

COURSE PREREQUISITES:

Students will need to have had a successful Year 10 as students are placed in Year 11 classes based on their Year 10 grades.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$24 (Workbooks)

SCIENCE 102 – LEVEL 1

COURSE STATEMENT:

Science is the basis for much of our life, but we don't all want to become serious scientists. This course is ideal for those of you who want to continue to know and understand how and why things work the way they do. We look at mechanics (forces and motion, how microorganisms affect us, and different chemical reactions and why they are useful.

COURSE PREREQUISITES:

ADDITIONAL REQUIREMENTS:

Course Contribution: \$24 (Workbooks)

GENERAL SCIENCE – LEVEL 2

COURSE STATEMENT:

This course is for students who would like to further their study of general science or students who would like to gain general science knowledge without having to take all three sciences. Skills include practical work, research, investigations, microscope skills, and graphing. There are elements of the course that will require field trips. These are designed to enhance the learning and provide context to the achievement standards.

COURSE PREREQUISITES:

Intended for students who wish to further their study of science but may not want to specialize or students who would like to round out their science education without taking all three sciences. Students must have 12 credits of Level 1 Science.

ADDITIONAL REQUIREMENTS:

Course Contribution: There will be various field trips as a part of the course and the cost associated with these will be communicated closer to the time of the trip.

GENERAL SCIENCE – LEVEL 3

COURSE STATEMENT:

This course is for students who would like to further their study of general science or students who would like to gain general science knowledge without having to take all three sciences. Skills include practical work, research, investigations, graphing, interpreting and making conclusions. These are designed to enhance the learning and provide context to the achievement standards. This is a UE approved course.

COURSE PREREQUISITES:

Intended for students who wish to further their study of science but may not want to specialize or students who would like to round out their science education without taking all three sciences. This course is open to all students. Prior knowledge from level 2 science is useful but not essential.

BIOLOGY – LEVEL 2

COURSE STATEMENT:

This course is for students who would like an introduction to the study of Biology. Skills include field work, graphing, investigation, microscope skills. Content includes ecology, cellular processes, genetic variation and practical investigations.

COURSE PREREQUISITES:

Students require 16 credits at Level 1 Science with preferably a Merit pass in Genetics, participate fully on the field trip and enthusiasm.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$26.00 (Workbook), \$10 (Rocky Shore trip)

BIOLOGY – LEVEL 3

COURSE STATEMENT:

Research skills, plant and animal experimental techniques. Research of a current issue, biotechnology techniques, animal plant responses, evolution of humans and how genes are expressed.

COURSE PREREQUISITES:

Students will need to gain 16 credits in Level 2 Biology and pass AS 91156 Level 2 Cells, AS 91157 Level 2 Genetics. This subject is intended for students who want to increase their knowledge and skills in Biology.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$26.00 (Workbook)

CHEMISTRY – LEVEL 2

COURSE STATEMENT:

Chemistry deals with the composition, structure and behaviour of the atoms and molecules that make up all forms of matter. There are practical assessments included in this course which look at specific types of reactions and analytical techniques used.

COURSE PREREQUISITES:

Chemistry is an academic subject. You need to be willing to think about the Chemistry concepts beyond the classroom, study regularly and at times, memorise information. To be successful in Chemistry, we expect you to have achieved a minimum of 16 credits in Level 1 Science including Chemical Reactions as well as passing the Level 1 Algebra in Maths.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$30 (Workbook)

CHEMISTRY – LEVEL 3

COURSE STATEMENT:

This course will teach you the chemistry you need to continue your studies at university. It is a highly academic course that will require a lot of thinking and some memorisation.

COURSE PREREQUISITES:

Students will need to have at least 11 credits in Level 2 Chemistry. Those students who wish to build on their Level 2 Chemistry and are capable of taking a course where there are two externally assessed standards of 5 credits each and two internally assessed standards of 3 credits each.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$30 (Workbook)

PHYSICS – LEVEL 2

COURSE STATEMENT:

In this subject you will learn how to use information and formulae to calculate answers to problems. You will learn and be able to use physical concepts to explain everyday scenarios. Forces and motion (including Newton's Laws), Energy and momentum conservation, Using experiments and graphs to predict/show relationships, Light reflection and refraction, Wave (water and seismic) phenomena, Charges and static electricity, Direct current electricity, Electromagnetism.

COURSE PREREQUISITES:

To enter into this subject you will need an interest in physical science and have a good understanding of Sciences already studied, also a competency in Mathematics as Physics is largely a mathematical subject. This is an academic programme. The student needs to have achieved 16 credits in Level 1 Science and 16 credits in Level 1 Mathematics including algebra. Students who are successful in Physics will be taking an academic Mathematics programme at Level 2.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$32 (Workbook)

PHYSICS – LEVEL 3

COURSE STATEMENT:

In this subject you will learn how to use information and formulae to calculate answers to problems. You will learn to be able to use physical concepts to explain everyday scenarios. Forces and motion (including Newton's Laws), Energy and momentum conservation, Simple harmonic motion, The Doppler effect, Direct and alternating current electricity, Electromagnetism. Using experiments and graphs to predict/show physics relationships.

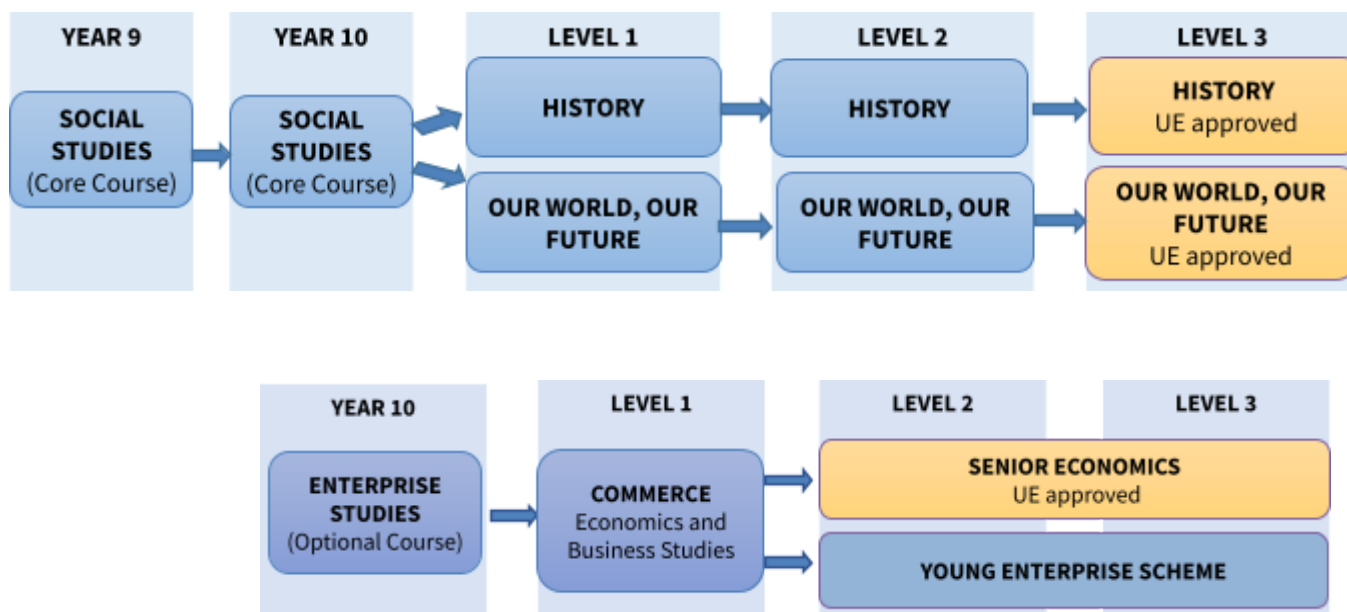
COURSE PREREQUISITES:

To enter into this subject you will need 14 credits in Level 2 Physics, 14 credits in Level 2 Mathematics including Algebra. You will also need to be studying Level 3 Mathematics with Calculus or Statistics. This subject is intended for students who are interested in the physical world around them. Students who would like to be able to explain some of the things they see.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$32 (Workbook)

This faculty has several subject areas that are all to do with PEOPLE. In the world we live in it is important to develop the ability to work well with others and to be able to participate in society with confidence. Senior students especially should consider including at least one Social Science in their course as future pathways usually involve interacting with others.



OUR WORLD, OUR FUTURE- LEVEL 1

COURSE DESCRIPTION:

This modified geography course looks at the concept of sustainability. Sustainability is future-focussed and looks at how we look after the environment, resources, the economy and each other, so that the future will be positive. The course looks at sustainability at a local and national level. But, also where our efforts sit within the Global/big picture. Issues will include local transport options and environmental effects, the use of social media and the ethics around the Global chocolate trade. Transferable skills will also be integrated throughout the course, including field work, resource construction and interpretation, research and social decision-making. Subject endorsement is still possible, as this is a modified geography course.

COURSE PREREQUISITES:

Being able to read and write and having some basic maths skills will help students succeed in this course. Curiosity, and an interest in what is going on in the world, are also of value.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$30pp

OUR WORLD, OUR FUTURE – LEVEL 2

COURSE DESCRIPTION:

This modified geography course looks at the concept of sustainability at a deeper level. Issues will include the health of our waterways (Opihi River), deforestation of tropical rainforests and the flow-on effects, strategies for predator-free New Zealand. Transferable skills will also be integrated throughout the course, including field work, resource construction and interpretation, research and social decision-making. Subject endorsement is still possible, as this is a modified geography course.

COURSE PREREQUISITES:

It will be helpful if students have completed the Level 1 course. But, students can pick the subject up at Level 2, but will need to have reasonable literacy and numeracy skills. A curious nature will help, as students seek to understand the wider world and develop a deeper understanding of people and places and the connections between both.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$40

OUR WORLD, OUR FUTURE – LEVEL 3

COURSE DESCRIPTION:

This modified geography course continues with the concept of sustainability. The Level 3 course will incorporate personal interest, allowing individual students to choose areas of interest for our Internal Assessments. Possible options include: research into either the local tourism industry or coastal erosion. Investigating the global pattern of ocean pollution or maritime piracy. The current issue we will learn about is seasonal migrant workers in NZ, including their treatment. Transferable skills will also be integrated throughout the course, including field work, resource construction and interpretation, research and social decision-making. Due to the nature of this course, credits can count towards University Entrance and subject endorsement is still possible

COURSE PREREQUISITES:

It will be helpful if students have completed both the Level 1 and 2 courses. However, students can pick the subject up at Level 3, but will need to have reasonable literacy and numeracy skills. A curious nature will help, as students seek to understand the wider world and develop a deeper understanding of people and places and the connections between both.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$35

HISTORY – LEVEL 1

COURSE DESCRIPTION:

History gives you the opportunity to study events, people and places of the past. You will develop your understanding on how decisions were made, what caused events to happen and what resulted from them. You will develop skills through research, interpreting varied resources and effectively communicating in a variety of different ways. Your interests will guide the topics chosen from local, national and global histories.

COURSE PREREQUISITES:

Sound reading and writing skills are important in this subject. You must be taking Level 1 English to be eligible for this course. Effective management of your time and resources will also help you to cope.

HISTORY – LEVEL 2

COURSE DESCRIPTION:

Useful skills like research; the ability to interpret resource materials; how to communicate clearly and effectively using a range of methods. Communicating key historical ideas as a vital skill that you will develop. Students should also become more confident, questioning key concepts and articulating their own ideas. Your passions and interests will influence what topics will be studied. The relevance to New Zealanders and New Zealanders will become apparent as students gain an understanding of local, national and global history.

COURSE PREREQUISITES:

Students who have gained at least 12 credits in Level 1 History are eligible to take this course. Selecting History for the first time at this level you need to have gained at least 14 credits in Level 1 English. This is an academic course with a lot of material to cover which requires good time management skills and a positive commitment to achieving success at the highest level.

HISTORY – LEVEL 3

COURSE DESCRIPTION:

You will gain a sound understanding of past events and the different ways in which history can be interpreted through a study of local, national and international histories. Transferable skills will continue to be developed, such as research; the ability to critique and understand a wide range of perspectives and resource material, and how to communicate clearly and effectively through analytical writing.

COURSE PREREQUISITES:

Students need to have gained at least 14 credits in Level 1 History and/or at least 9 credits in Level 2 History, in order to take this course. It is possible to pick up History for the first time at Level 3, but it requires a high degree of literacy. You will need to have gained at least 14 credits in Level 2 English. Sound organisational and study skills and importantly, self-management skills, will be vital for success at this level.

COMMERCE – LEVEL 1

COURSE DESCRIPTION:

Business activity affects the daily lives of all people, as they work, spend, save, invest, travel, and play. In this course, students will learn how a small business operates, how financial decisions are made and the importance of human resources. Students will develop skills for working with people and for effective decision-making. This course includes a combination of both Economics and Business Studies, where students will learn about the NZ economy and their role in it as a consumer.

COURSE PREREQUISITES:

You need **ENERGY** and **DRIVE** to succeed in this class. A desire to understand the business world and how you can prepare to participate in it, are important reasons to opt for this subject. Students should also have a positive attitude towards learning and a commitment to succeeding at the highest level they are capable of.

ADDITIONAL REQUIREMENTS:

Course Contribution: Approx \$70 - day trip

ECONOMICS – LEVEL 2

COURSE DESCRIPTION:

Economics is a science which studies human behaviour as a relationship between desires and scarce means which have alternative uses. Students will study how societies use scarce resources to produce valuable commodities and distribute them among different groups in society. You will analyse economic issues and investigate New Zealand economic policies. The course will enable you to gain subject endorsement in Economics.

COURSE PREREQUISITES:

Commerce must have been taken at year 11. Students must have a commitment to doing the best they can so that they can succeed at the highest level for them. Students must also be willing to participate fully in all aspects of the course if they are to get the most out of it. This course is aimed at students who are considering undertaking a Commerce degree at university.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$40.00 Online Workbook

ECONOMICS – LEVEL 3

COURSE DESCRIPTION:

Economics is a science which studies human behaviour as a relationship between desires and scarce means which have alternative uses. Students will study how societies use scarce resources to produce valuable commodities and distribute them among different groups in society. You will analyse economic issues and investigate New Zealand economic policies. The course will enable you to gain subject endorsement in Economics.

COURSE PREREQUISITES:

Economics level 2 **MUST** have been undertaken. Students must have a commitment to doing the best they can so that they can succeed at the highest level for them. Students must also be willing to participate fully in all aspects of the course if they are to get the most out of it. This course is for students who are considering undertaking a Commerce degree at university.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$40 Online Workbook

BUSINESS STUDIES / YOUNG ENTERPRISE SCHEME - LEVEL 2 AND 3

COURSE DESCRIPTION:

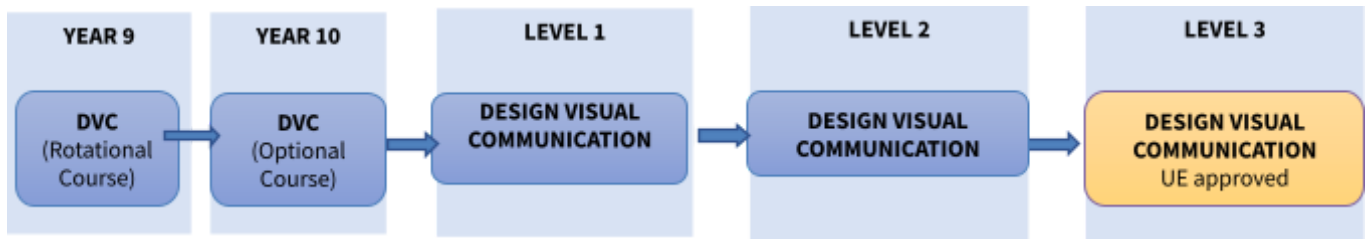
The Young Enterprise scheme is an experiential programme where students set up and run a **REAL** business. This course offers a mixture of assessment opportunities, negotiated with the group, depending on needs. Students will work with others to form a company, create real products or services, develop real budgets, implement real marketing plans, and possibly earn real money. The success of their company will rest on their business skills, which will develop throughout the year.

COURSE PREREQUISITES:

You must have **ENERGY** and **DRIVE** to be part of YES. You must be self-managing, able to take initiative and to work well in a group, as well as independently at times. Students need to have good time and resource management and a can-do attitude. To be successful, having an entrepreneurial (risk-taking) attitude is a must!

ADDITIONAL REQUIREMENTS:

Course Contribution: \$35.00 (Young Enterprise Registration)



DESIGN VISUAL COMMUNICATION – LEVEL 1

COURSE STATEMENT:

The aim of the course is to use the skills and knowledge developed in Year 10 and apply these to a design brief. Freehand drawing, rendering, annotating design decisions, presentation techniques and technical drawing will be developed in preparation for end-of-year portfolio submission. DVC is an ideal subject for students wishing to pursue Architecture, Industrial Design, Graphic Design, Animation and Artistic and creative pathways.

COURSE PREREQUISITES:

Level 1 DVC is made up of spatial and product design projects which incorporate a range of internal and external achievement standards. Students should have successfully completed Year 10 Design and Visual Communication. It is **recommended** that you have a **laptop with at least a 2Ghz processor and 8GB RAM with 2GB GPU memory** so that it is able to run the full Adobe Suite.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$15 for course materials will take home.

DESIGN VISUAL COMMUNICATION – LEVEL 2

COURSE STATEMENT:

The level two course is structured to enable students to extend their understanding and skills in designing to special requirements and graphical communication from research, conceptual ideas, development, evaluation and presentation. There are two main design briefs covered; Product and Spatial.

COURSE PREREQUISITES:

Students need to have a sound understanding in DVC at Level 1. Good organisational skills and self-motivation are needed and developed through on-going thinking and drawing through practical processes. These course options follow a similar format to the NCEA Level 1 DVC course with two common sections studied. It is **recommended** that you have a **laptop with at least a 2Ghz processor and 8GB RAM with 2GB GPU memory** so that it is able to run the full Adobe Suite.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$15 for course materials will take home.

DESIGN VISUAL COMMUNICATION – LEVEL 3

COURSE STATEMENT:

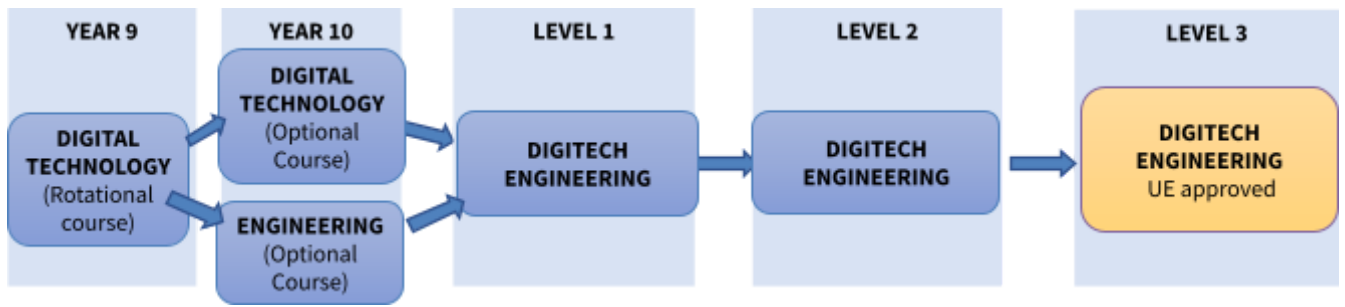
The course is structured to enable students to extend their understanding and skills through resolving the designs for specific needs and graphical communication in a Spatial and/or Product design brief using the design processes; research, conceptual ideas, development, evaluation and presentation. This course follows a similar format to the NCEA Level 2 DVC course with two common sections studied.

COURSE PREREQUISITES:

Students are required to have a sound understanding of Level 2 DVC. Good organisational skills and self-motivation are needed. Students will learn how to communicate ideas and present information to a real client. It is intended for students who would like to pursue a career in Design, Architecture etc at Tertiary level or the workforce. It is **recommended** that you have a **laptop with at least a 2Ghz processor and 8GB RAM with 2GB GPU memory** so that it is able to run the full Adobe Suite.

ADDITIONAL REQUIREMENTS:

Course Contribution: To be confirmed once design specifications have been made .



DIGI TECH/ENGINEERING – LEVEL 1

COURSE STATEMENT:

This course covers computer programming concepts to develop a website using HTML/CSS. You will also create an electronics outcome using an Arduino. The outcome will measure inputs to then provide outputs for a set task. Students will also learn about human interaction with computer interfaces and the UX/UI involved in these.

The students will also start the first year of the Evolocivity programme in which they design and plan an electric go-kart build as part of a team. They have the opportunity to compete in challenges against other schools from the South Island. This programme will continue into Level 2 Digi tech/Engineering and/or Flex Learning at Level 2. The focus is on project based learning, decision making, communication, and collaborating as part of a team to create a technological solution for an authentic purpose.

Throughout the entire course the students create tangible outcomes, gaining feedback from each other on their progress, and reflect on their own learning.

COURSE PREREQUISITES:

Students will need to have had a successful Year 10.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$50 for the Arduino kit and electronic components.

DIGI TECH/ENGINEERING – LEVEL 2

COURSE STATEMENT:

Students will learn how to use 3D modelling software to create a digital media outcome. They will also continue into the second year of the Evolocivity programme, completing building their electric go-kart and making improvements. Students will learn project management skills to maintain progress with their projects and then present a summary of their progress in developing their digital media outcome in the external. Students will also improve their CAD/CAM capabilities to produce an advanced manufacturing outcome.

COURSE PREREQUISITES:

Students will have to have had a successful Level 1 Engineering class, or through a conversation with the Curriculum Leader.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$150 for materials towards Evolocivity build (If selected as a project) and \$30 for CNC router materials.

DIGI TECH/ENGINEERING – LEVEL 3

COURSE DESCRIPTION:

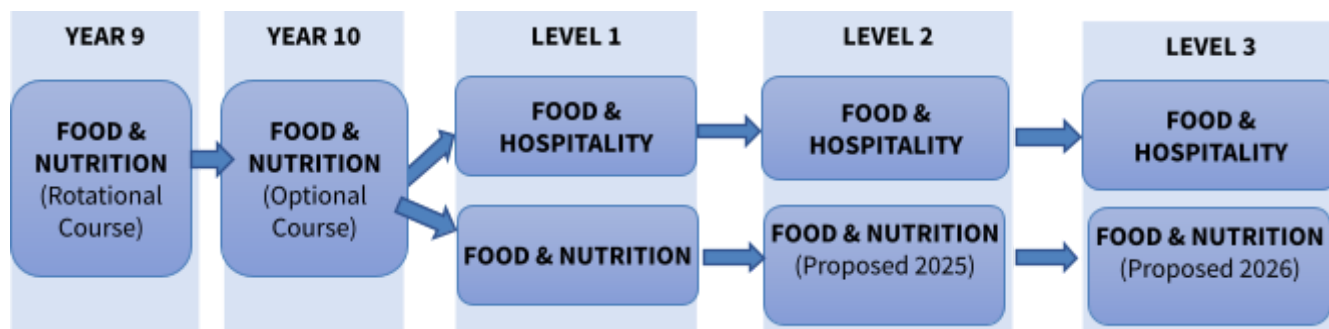
This course is suited for those who are on a pathway from within a range of industries. This may be towards being an engineer, architect, CAD developer, programmer, or within the field of computer science. This is a student-centred course that is facilitated with the aim of aligning a mentor to you from within your specific field of study. You would work with them towards building your capabilities in your chosen pathway. This course can be flexible where you could obtain UE from assessments, or the focus on no assessment but improving on your capabilities. We would build the course standards to suit each individual.

COURSE PREREQUISITES:

You need to show a pathway towards a specific field of study, and in consultation with the Curriculum Leader.

ADDITIONAL REQUIREMENTS:

Course Contribution: There may be some form of course contribution based on your project selection and the materials required for that.



FOOD AND HOSPITALITY – LEVEL 1

COURSE DESCRIPTION:

This course is a unit standard based course and combines the skill sets needed to be confident in your own cooking ability. Students will also be working through the technology process as well as gaining an understanding of the different foods you will be using. The course is entirely internally assessed and identifies hospitality opportunities with students using their initiative to independently plan and trial solutions. It would be helpful for students wanting to work in the hospitality industry. This course is internally assessed.

COURSE PREREQUISITES:

This course is suitable for students who have a genuine interest in being creative with food preparation, presentation and service and want to learn how to create delicious and nutritious food for themselves and others.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$220.00 (towards practical course component)

FOOD AND NUTRITION – LEVEL 1

COURSE DESCRIPTION:

This is an Achievement Standards based course with a focus on Food and Nutrition and also Materials and Processing. Students will find user groups, gain input from these groups, design and develop nutritional products OR plans to meet the needs of these groups, and then gain feedback when evaluating. This course is suitable for students who are interested in a career pathway in Food and Nutrition, Food Science, and designing and developing food based products. This course will continue with a pathway through to Level 3. This course is internally assessed.

COURSE PREREQUISITES:

You ideally should have a passion for food and have achieved well in Year 10 foods.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$220.00 (towards practical course component)

FOOD AND HOSPITALITY – LEVEL 2

COURSE DESCRIPTION:

The Level 2 course assesses a range of skills and knowledge about food and different cooking methods. Students will require a reasonable level of independence in order to cook and follow recipes without assistance. These skills will be developed throughout the year as students work through the different units of work. Food safety is a priority. There is a mixture of Unit standards and Achievement standards that are recognised in the Food Industry and will provide you with the basic skills and knowledge going into the Hospitality Industry and is entirely internally assessed. Students selecting this course must be passionate about cooking and want to learn how to prepare delicious and nutritious food for themselves and others. This course will introduce students to aspects of the hospitality Industry.

COURSE PREREQUISITES:

The students enrolling in this NCEA Level 2 course have ideally undertaken Level 1 Food and Hospitality. If not, entry is at the discretion of the Curriculum Leader of Technology.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$240.00 (towards practical course component)

FOOD AND HOSPITALITY – LEVEL 3

COURSE DESCRIPTION:

Students must have a broad understanding of foods and cooking methods and need to be able to independently follow a recipe and cook without assistance, using a range of cooking skills. There is a mixture of unit standards and also an achievement standard to work through with students cooking a variety of dishes. There is also the opportunity to learn barista skills. This course also teaches students a range of organisational and life skills and is entirely internally assessed.

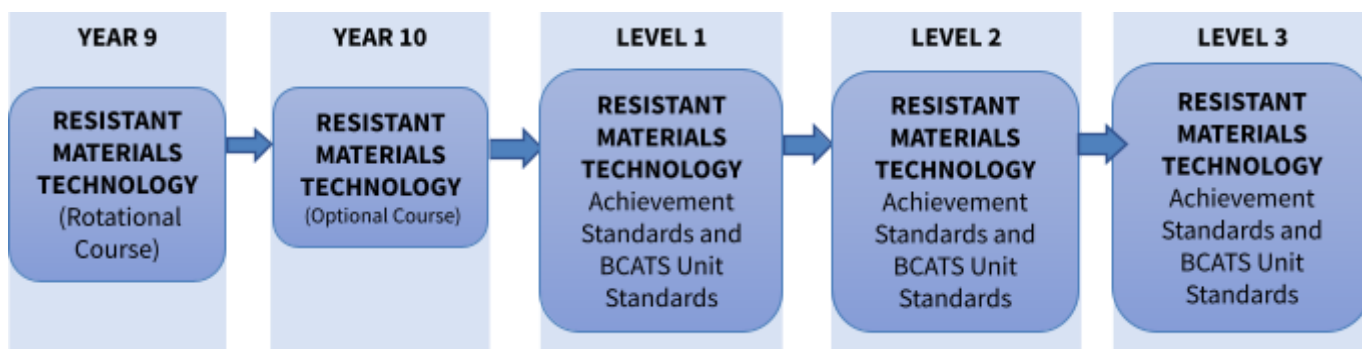
COURSE PREREQUISITES:

The students enrolling in this NCEA Level 3 course should have undertaken Level 2 Food and Hospitality. If not, entry is at the discretion of the Curriculum Leader of Technology.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$260.00 (towards practical course component)

RESISTANT MATERIALS TECHNOLOGY – CURRICULUM LEADER: MR GUY SUTHERLAND



RESISTANT MATERIALS TECHNOLOGY – LEVEL 1

COURSE DESCRIPTION:

Students gain skills and knowledge while working with wood and metal and will carry out basic procedures such as measuring, forming, joining, assembling, finishing. Students will use hand tools, power tools and machinery, and be expected to observe safe practice at all times. This subject is helpful for students interested in moving into the trades, design and engineering. Student assessments consist of both written and practical components.

COURSE PREREQUISITES:

Students must have a passion for using their creative skills in problem solving and completing practical tasks. They must be prepared to commit to the planning processes **prior** to undertaking practical work.

Entirely internally assessed courses consisting of BCATS unit standards. This subject is not able to be endorsed.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$200

RESISTANT MATERIALS TECHNOLOGY – LEVEL 2

COURSE DESCRIPTION:

Students will build on their construction skills, and through the completion of an individual project gain the skills, attributes needed to gain individual success skills that will make them an asset in the workforce. They will be expected to use this knowledge to make informed decisions when designing and planning their projects, selecting materials, and completing a project of their choice that meets assessment criteria. Student assessments consist of both written and practical components.

COURSE PREREQUISITES:

Whilst completion of the NCEA Level 1 course is not a strict prerequisite, in order for students to be considered for NCEA Level 2 they must be able to demonstrate and commit to the level of independent work skills required. Students will show a willingness to embrace learning, self manage, manage their own safety within a workshop environment. Students must be prepared to commit to the planning processes **prior** to undertaking practical work.

Entirely internally assessed courses consisting of BCATS unit standards. This subject is not able to be endorsed.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$300-500 (costs reflect individual project choice)

RESISTANT MATERIALS TECHNOLOGY – LEVEL 3

COURSE DESCRIPTION:

Students will utilise and build on skills gained from Level 2 to undertake an individual project. Students will be able to demonstrate a high level of independent work skills. At the completion of Level 3 graduates will have sufficient understanding, familiarity, and practice to form a good basis from which they can go on to explore vocational pathways.

Students must be prepared to commit to the planning processes **prior** to undertaking practical work.

COURSE PREREQUISITES:

This course is available to students who have achieved Level 2 Technology or BCAT unit standards.

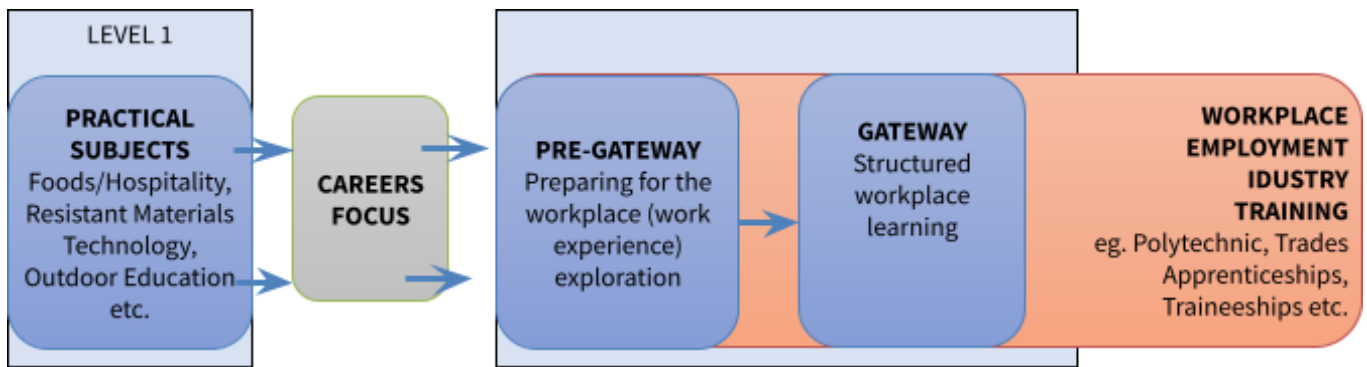
Entirely internally assessed courses consisting of BCATS unit standards. This subject is not able to be endorsed.

ADDITIONAL REQUIREMENTS:

Course Contribution: \$300-500 (costs reflect individual project choice)

PATHWAYS – TEACHER IN CHARGE: MRS MARIAN MEHRTENS

Please note senior students are able to select Gateway in either Year 12 OR Year 13, and only once. To align with industry qualifications, most assessments are at Level 2.



GATEWAY

COURSE DESCRIPTION:

Gateway is a programme where selected senior students try out a career while continuing with their academic programme at school, working in real workplaces on real tasks. It gives opportunities to try out potential careers and build links to Industry Training Organisations, NZ Apprenticeships and workplaces. It is a 'hands on' practical course. Students will complete the compulsory units of Workplace Safety, First Aid, experience 'taster days', and then will work on industry unit standards relevant to their chosen career. Credits count towards NCEA and towards external qualifications often taking time off an apprenticeship. Students are required to complete 16 days work placement.

COURSE PREREQUISITES:

Gateway students need to have good time management skills due to being out of school 1 day a week they need to be able to work independently to keep on top of their other subjects. Due to the help offered by our local business community to run this programme, students need to be 'work ready'; to be reliable, trustworthy, organised, respectful etc. as they represent our school community. Due to there being a limited number of places on the programme there is an application and interview process before participants are confirmed. Application forms are at the front office or Gateway office.

EMPLOYMENT STUDIES

COURSE DESCRIPTION:

Employment Studies aims to build students' **skills for employment**. Topics include career investigation, workplace safety, workplace expectations, CV writing and general life skills for independence in the working world. It can be a stepping stone into the Gateway Programme for students who become ready for work experience and ready to commit to a chosen career area.

COURSE PREREQUISITES:

This course suits students with a good attitude and genuine willingness to learn skills ready for employment.

INDEPENDENT LEARNING PROGRAMME - MRS JAYNE ADAMS

COURSE STATEMENT:

Options for study may include: self-directed learning, alternative subjects not currently offered at Roncalli College, University distance bridging courses, Multi-level/NCEA Level 2 subjects or other forms of self-directed learning.

COURSE PREREQUISITES:

Every Individual Learning Plan (ILP) will be negotiated on a case-by-case basis as students need to consider the impact an ILP class may have on the qualifications they are enrolled for. Student acceptance into this class is by application only and subject to approval by the Academic Dean. All ILP classes will operate as timetabled classes.

For further information please see Mrs Adams.