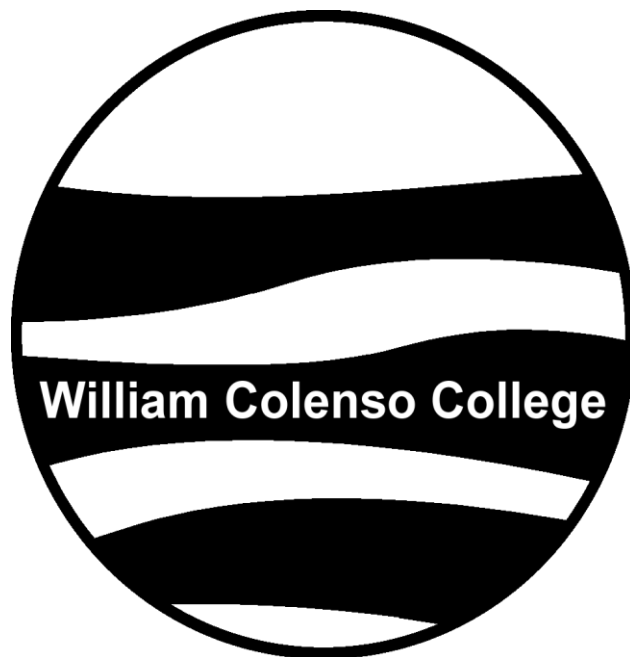

Subject Selection Booklet



2018

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A Starting Point

Before making any subject choices it is important to think about what you enjoy doing at school and what your strengths are. Try answering these questions

What subjects am I good at?

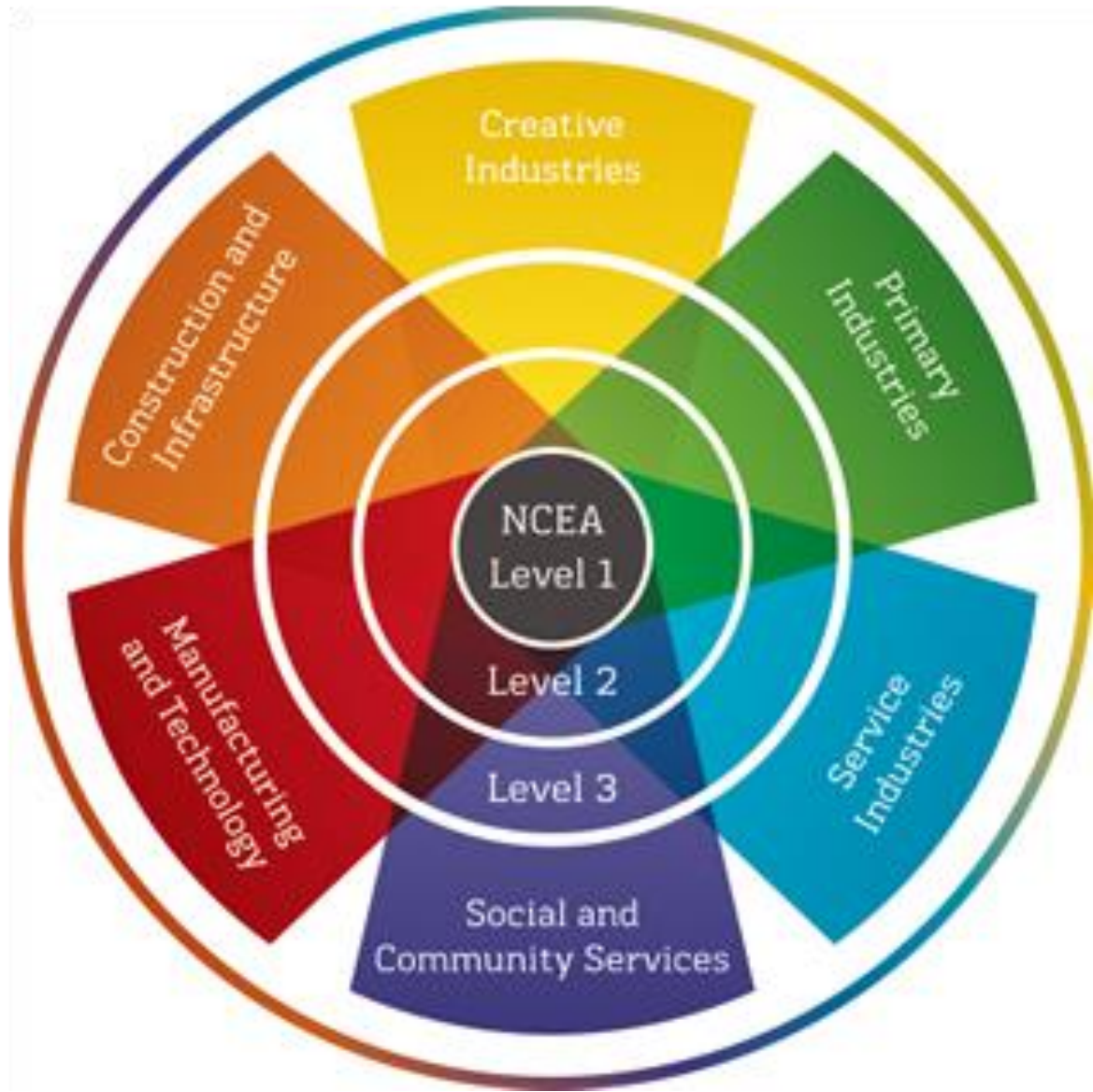
What subjects do I enjoy?

What subjects do others say I am good at?

What job/career/pathway am I interested in?

KEY REMINDERS for choosing your subjects:

- Keep your selection broad – your ideas may change over time
- Check the recommended and compulsory subjects that you may need for further study at school or at tertiary Level
- Speak to your parents, teachers, dean and any other person that can provide you with information or ideas



Learning Area	Year 9	Year 10	Level 1	Level 2	Level 3
English	English	English Enrichment English (F)	Advanced English Up Grade English (Achievement Stds) Badlands (multi-level) Communication English Film Studies (F)	Advanced English University Entrance English Badlands (multi-level) Media Studies	Advanced English Media Studies
ESOL	ESOL	ESOL	ESOL	ESOL	ESOL
Maths	Maths	Maths	Advanced Maths Maths Investigation	Advanced Maths Maths with Statistics (F) Life In Real World Module	Maths with Statistics Maths with Calculus
Science	Science	Science Horticulture (F)	Advanced Science Earth Space Science Biology (F) Primary Industries	Chemistry Biology Physics Primary Industries	Chemistry Health Sciences (F) Physics Primary Industries
Visual Arts	Art	Art	Art Digital Art (F)	Painting Design (F) Photography Māori Art	Painting/Printmaking Design(F) Photography
Performing Arts	Music Drama Dance	Music Drama Dance Stage Craft (F)	Sonic Art Dance Stage Craft (F) Maori Performing Arts	Sonic Art Dance Stage Craft (F) Maori Performing Arts	Sonic Art Dance Stage Craft (F) Maori Performing Arts
Technology	Food Technology	Food Technology (F)	Food & Hospitality	Food & Hospitality	Food & Hospitality
Technology	Hard Materials Soft Materials ICT Movie Making ICT	Trades Soft Materials	Trades 1 Soft Materials Technology Soft Materials Academy(F)	Trades 2 Soft Materials Technology Mechanical Engineering (F)	Trades 3 Soft Materials Technology
Languages	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori	Te Reo Māori
PE/Health	PE Health	PE Health	Advanced Physical Education Physical Education Community Service (F)	Advanced Physical Education Basketball Academy (F) Health and Social Services	Advanced Physical Education Health and Social Services
Outdoor Education			Outdoor Education	Outdoor Education	Outdoor Education
Social Sciences	Social Studies	Social Studies Business Studies (F)	History/ Geography Business Studies (F)	History/Geography Senior Tourism Māori Tourism (F)	History Research (F) Senior Tourism Māori Tourism (F)
Trades Academy				Selection of courses at EIT (Full Day course)	
Gateway				Selection of workplaces (Full Day)	
University Papers					Above Level 3
Correspondence	You may apply to undertake a correspondence course in any subject that is not offered internally at William Colenso College				

Friday Option (F)

In addition to these subjects employers tell us that there are certain skills and competencies that they are looking for in their future workforce.

- Thinking/Problem solving
- Communication
- Manages Self (time management/presentation)
- Relates to others
- Participates and contributes (is actively involved in situations)
- Technologically aware
- **and above all shows a positive attitude and a sense of pride in self.**

Part of our Senior School Programme at William Colenso College is to build these skills and competencies so that you are a strong applicant for a course or apprenticeship and a career.

You can then try to match those factors to a particular career pathway. There are plenty of people at school who can help you with this

- Your subject teachers
- Your Form Teacher
- Your Dean

Other useful resources or people are

- Your Parents and Caregivers
- Career Services website www.careers.govt.nz

Once you have a possible pathway you then need to select your subjects so that you can travel down your chosen pathway. For some pathways there are some subjects that you are required to do and some that are recommended.

- **REQUIRED** – these subjects provide necessary building blocks of knowledge and skills. You must have these subjects in order to gain entry into specific courses either at school or at tertiary Level.
 - a) Study at school – many subjects have PREREQUISITES at each year Level, check summaries
 - b) Study at tertiary Level – check the requirementsEntering on job training /apprenticeships – e.g.. ETCO electrical apprenticeships, see below
- **RECOMMENDED** – These subjects provide a strong background of knowledge and skills needed for further study and training. Subjects recommended for tertiary study and job training are listed in the following tables.

ENGLISH & MEDIA

<p style="text-align: center;">ENGLISH Level 1 Advanced (Full Year) (Mon-Thurs)</p> <p style="text-align: center;">L1ENG</p>	<p style="text-align: center;">ENGLISH Level 1 UPGRADE (Full Year) (Mon-Thurs)</p> <p style="text-align: center;">L1UP1/L1UP2</p>	<p style="text-align: center;">ENGLISH Level 1 Communications (Full Year) (Mon-Thurs)</p> <p style="text-align: center;">L1COMM</p>	<p style="text-align: center;">MEDIA STUDIES Level 1 2 hours (Full Year) (Friday)</p> <p style="text-align: center;">L1MED</p>
<p>CREDITS: 24 English credits constitutes a pass in Level 1 English.</p> <hr/> <p>SUBJECT PREREQUISITES: An academically successful year in Year 10 English (or the equivalent; at HOD's discretion) in which the student would have easily coped with the assessment demands. Students MUST BE READERS.</p> <hr/> <p>COURSE INFORMATION: This is an academic English course which leads on to the study of academic English at Level 2 (then to Level 3 and finally tertiary institutions). Activities involve reading and writing, listening and speaking, and watching and presenting. To succeed in this course, students need to be competent and avid English readers and writers because much of the assessment is done via those language modes; in particular, the end-of-year exams.</p> <p>Students should aim to accrue all credits on offer.</p> <p>The course composition (i.e. which Standards will be offered) will be finalised as student/teacher interests dictate.</p> <hr/> <p>FEE COMPONENT: Nil</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Any University course, e.g. Journalism, Law, Sciences, Teaching, Architecture, Medicine, Management, Commerce, Philosophy, History, Social Sciences etc.</p> <hr/> <p>TEACHER CONTACT: Mr Peter Fry peter.fry@colenso.school.nz</p>	<p>CREDITS: Possible 11 Level 1 English credits (can accumulate evidence towards passing the 10 Functional Literacy credits).</p> <hr/> <p>SUBJECT PREREQUISITES: Completion of Y10 English course or for students with only Unit Standards/Functional Literacy credits from the previous year.</p> <hr/> <p>COURSE INFORMATION: This course caters for students who would rather concentrate on more Internal Assessment Standards. Some External Standards (exams) are available if students wish to do them. The course also caters for students who wish to 'upgrade' their L1 Certificate by gaining Literacy through Achievement Standards. Opens up a Pathway for L2 Certificates and/or University.</p> <p>Activities involve reading and writing, listening and speaking, and watching and presenting. e.g. 1.7 Create a visual text (3), 1.8 Explain significant connections across texts, using supporting evidence (4) and 1.10 Form personal responses to independently read texts, support by evidence (4) OR 1.11 Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence (3). Perhaps: Deliver an oral text might be offered (3)?</p> <hr/> <p>FEE COMPONENT: Nil</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Non academic</p> <hr/> <p>TEACHER CONTACT: Mr Peter Fry peter.fry@colenso.school.nz</p>	<p>CREDITS: 10 Level 1 Communications credits plus 10 Functional Literacy credits.</p> <hr/> <p>SUBJECT PREREQUISITES: Completion of Y10 English course.</p> <hr/> <p>COURSE INFORMATION: This course offers a combination of L1 Communication Standards and/or one or two English Achievement Standards. The teacher and students will plan the most appropriate combination of Standards. The course is designed to gather evidence to assist students to pass the Functional Literacy Unit Standards.</p> <p>Activities involve reading and writing, listening and speaking, and watching and presenting.</p> <p>The course will run for a full year.</p> <hr/> <p>FEE COMPONENT: Nil</p> <hr/> <p>LINKS TO FUTURE PATHWAYS Functional Literacy</p> <hr/> <p>TEACHER CONTACT: Mr Peter Fry peter.fry@colenso.school.nz</p>	<p>CREDITS: 15-20 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Yr 10 Film (option) would be an advantage.</p> <hr/> <p>COURSE INFORMATION: This course is designed for students who enjoy visual media. Students will learn how to read films, how we interact with the media, study a film genre, understand the way stories are told in film, how to design and produce an advertisement or short film, develop script-writing skills and study an ethical issue relating to the media.</p> <hr/> <p>FEE COMPONENT: \$20.00</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: This course could lead towards careers in Advertising, Announcing, Film and TV Critic, Film and TV Producer, Journalist, Marketing, Multimedia Developer, Public Relations, Teacher, Media Writer.</p> <hr/> <p>TEACHER CONTACT: Mrs Louise Macfarlane louise.macfarlane@colenso.school</p>

Key: A/S = Achievement Standards U/S = Unit Standards

ENGLISH & MEDIA cont...

<p style="text-align: center;">ENGLISH Level 2 Advanced (Full Year) (Mon-Thurs) L2ENG</p>	<p style="text-align: center;">MEDIA STUDIES Level 2 (Full Year) (Mon-Thurs) L2MED</p>	<p style="text-align: center;">ESOL Level 1 – 3 (Mon-Thurs) ESOL1/ESOL2</p>
<p>CREDITS: 24 English credits offered which constitutes a pass in Level 2 English</p> <hr/> <p>SUBJECT PREREQUISITES: 18-24 Credits in Level 1 English; enrolees should have AS 1.4, AS 1.5 and 1.10 as base requirements. Usually, students in this class have completed and passed Level 1 Academic English the previous year (i.e. accumulated 24 English credits). Entry is permitted at the discretion of the HOD.</p> <hr/> <p>COURSE INFORMATION: This is an academic English course which leads on to the study of academic English at Level 3, then on to tertiary institutions. Activities involve reading and writing, listening and speaking, and watching and presenting. To succeed at this course, students need to be competent and avid English readers and writers because much of the assessment is done via those language modes; in particular, the end-of-year exams.</p> <p>Students should aim to accrue all credits on offer.</p> <hr/> <p>FEE COMPONENT: Nil</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Any University course, e.g. Journalism, Law, Sciences, Teaching, Architecture, Medicine, Management, Commerce, Philosophy, History, Social Sciences etc.</p> <hr/> <p>TEACHER CONTACT: Mrs Hayley Christison hayley.christison@colenso.school.nz</p>	<p>CREDITS: 20 AS plus University Approved credits</p> <hr/> <p>SUBJECT PREREQUISITES: Completed Level 1 English with at least 10 credits and/or through the recommendation of the Media teacher.</p> <hr/> <p>COURSE INFORMATION: This course is designed for students who enjoy visual media. Students will study how to; read films, how groups are represented in the Media, a film genre, the way stories are told in film. How to design and produce a short film, script writing or magazine spread, an ethical issue relating to the media.</p> <hr/> <p>FEE COMPONENT: There may be additional costs to cover STAR opportunities associated with this course; ie workshops and trips.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: This is an academic course. Advertising, Announcer, Film and TV critic, Film and TV producer, Journalist, Marketing, Multimedia Developer, Public Relations, Teacher, Media Writer.</p> <hr/> <p>TEACHER CONTACT: Mrs Louise Macfarlane louise.macfarlane@colenso.school.nz</p>	<p>CREDITS: 20 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Non-English Speaking Background students and International students.</p> <hr/> <p>COURSE INFORMATION: This course is for Non-English Speaking Background students and International students. This course supports students learning in the mainstream. Students will also be offered Level 1 - 3 Reading, Writing, Listening and Oral Unit Standards. Activities involve reading and writing, listening and speaking.</p> <hr/> <p>FEE COMPONENT: Nil</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: English Language</p> <hr/> <p>TEACHER CONTACT: Mrs Louise Macfarlane louise.macfarlane@colenso.school.nz</p>

Key: A/S = Achievement Standards U/S = Unit Standards

ENGLISH & MEDIA cont...

ENGLISH Level 3 Advanced English (Full Year) (Mon-Thurs) L3ENG

CREDITS: 24 English credits constitutes a pass in Level 3 English but students only need to accrue 14 L3 credits to achieve a 'UE Pass'. L3 English is an approved UE subject.

SUBJECT PREREQUISITES: 18-24 Credits in Level 2 English; enrollees should have AS 2.4 & 2.9 as base requirements. Usually, students in this class have completed Level 2 Academic English the previous year. Entry is permitted at the discretion of the HOD.

COURSE INFORMATION: This is an academic English course which leads on to the study of academic English at universities or tertiary institutions. It is highly recommended for students intending to study language rich university courses.

Activities involve reading and writing, listening and speaking, and watching and presenting. To succeed in this course students need to be competent and avid English readers and writers because much of the assessment is done via those language modes; in particular, the end-of-year exams.

14 internal credits are offered so students can attain, without exams, the minimum number needed to gain Level 3 UE in English.

FEE COMPONENT: Nil

LINKS TO FUTURE PATHWAYS:

Any University course, e.g. Journalism, Law, Sciences, Teaching, Architecture, Medicine, Management, Commerce, Philosophy, History, Social Sciences etc.

TEACHER CONTACT:

Mr Peter Fry
peter.fry@colenso.school.nz

MEDIA STUDIES Level 3 (Full Year) (Mon-Thurs) L3MED

CREDITS: 24 credits AS but only need to accrue 14 Level 3 credits to pass Media Studies as an approved University Entrance subject.

SUBJECT PREREQUISITES: Completed Level 2 English with at least 12 credits or through recommendation of the Media teacher.

COURSE INFORMATION:

Designed to appeal to those students who have a strong interest in the media. This course has a natural follow on from Level 2 Media Studies. There is a greater focus on the construction of meaning in the media and the broader impact of the media on society. The practical aspect is the creation of a short film or magazine spread.

FEE COMPONENT:

\$20 includes a DVD, a film, photocopying and scrap book.

There may be additional costs to cover STAR opportunities associated with this course; ie workshops and trips.

LINKS TO FUTURE PATHWAYS:

Media Studies leads to various career pathways: Advertising, announcer, film and TV Critic, Film and TV Producer, Journalist, Marketing, Multimedia Developer, Public Relations, Teacher, Media Writer and Event Manager.

**** This is an Approved University Entrance Subject***

TEACHER CONTACT:

Mrs Louise Macfarlane
louise.macfarlane@colenso.school.nz

ENGLISH/ MEDIA STUDIES Level 2 (Full Year) The Badlands

CREDITS: AS Psychology: 10 Credits, AS Media: 13 Credits
AS English: 10 Credits (possible)

SUBJECT PREREQUISITES: 10 credits in Level 1 English or have an interest in studying the media and psychology.

COURSE INFORMATION:

Psychology helps students understand the factors that influence their own and other's behaviours and responses to real life situations. Media Studies seeks to understand the ways in which the media shape our perceptions, attitudes, desires and behaviour. Psychology draws on English skills in critical thinking, research and writing.

The Psychology standards will explore question as:

Why do people take risks?

Why do people do bad things?

How does culture influence behaviour?

The Media Studies standards will explore: Different film techniques and how they are used in psychological thrillers to develop characters.

Look at teenage girls and how they are represented.

Design and produce a short film/magazine/or website to show the meaning of a psychological issue.

FEE COMPONENT: Nil

LINKS TO FUTURE PATHWAYS:

Lvl 2 Media Studies is an ideal subject for those students wanting to pursue a career in film, television, radio, advertising, production, design, journalism marketing and education.

Lvl 2 Psychology is an ideal subject for those students wanting to pursue a career in many areas of expertise, as educational, sports, clinical, evolutionary, occupational, mental health, biological, criminal psychologists.

TEACHER CONTACT:

Mrs Louise Macfarlane
louise.macfarlane@colenso.school.nz

MATHEMATICS

<p>MATHEMATICS ADVANCED Level 1 (Full Year) (Mon-Thurs)</p> <p>L1MATA</p>	<p>MATHS Level 1 (Full Year) (Mon-Thurs)</p> <p>L1MAT</p>	<p>MATHEMATICS ADVANCED Level 2 (Full Year) (Mon-Thurs)</p> <p>L2MAT</p>	<p>MATHEMATICS WITH STATISTICS Level 2 2 hours (1/2 Year) (Friday)</p> <p>L2STATS</p>
<p>CREDITS OFFERED: 22 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Students are placed in this course by their teacher.</p> <hr/> <p>COURSE INFORMATION: This course builds on the skills covered in Y10 mathematics. It is the full academic course with a significant external assessment load.</p> <p>FEE COMPONENT: There is no compulsory fee. However, all students must have a scientific calculator.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Level 2 advanced mathematics. Engineering, medicine, optometry, pharmacy, science, economics, banking, accounting.</p> <hr/> <p>TEACHER CONTACT: Mrs Kirstin Glass kirstin.glass@colenso.school.nz</p>	<p>CREDITS OFFERED: 19 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Students are placed in this course by their teacher.</p> <hr/> <p>COURSE INFORMATION: This course builds on the skills covered in Y10 mathematics. This is the alternative course which is based on internal assessment. Individual programmes are designed for the students and mutual goals are set and worked towards. FEE COMPONENT: None</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: All general careers and polytechnics.</p> <hr/> <p>TEACHER CONTACT: Miss Aarti Jyotika aarti.jyotika@colenso.school.nz</p>	<p>CREDITS OFFERED: 20 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Students must have been in the Level 1 advanced class and passed at least 8 external mathematics credits (gaining at least achieved in algebra). Students not meeting these requirements should take the (Friday) Level 2 maths course or Level 2 Life Skills course.</p> <hr/> <p>COURSE INFORMATION: This course builds on the skills covered in Level 1 mathematics. It is the full academic course with a high external assessment load. There is a large academic jump from the Level 1 course to this one and students need to discuss their options with their mathematics teacher.</p> <hr/> <p>FEE COMPONENT: \$20 fee for the hiring of a graphics calculator.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Level 3 calculus and statistics, engineering, medicine, optometry, pharmacist, science, economics, banking, accounting.</p> <hr/> <p>TEACHER CONTACT: Miss Aarti Jyotika aarti.jyotika@colenso.school.nz</p>	<p>CREDITS OFFERED: 8 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Admission to this class is subject to approval by their teacher.</p> <hr/> <p>COURSE INFORMATION: This half year course is varied and provides a taste of different pathways. It includes statistical investigations, geometry and networks.</p> <hr/> <p>FEE COMPONENT: None</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Economics, banking, accounting, science, optometry, pharmacy</p> <hr/> <p>TEACHER CONTACT: Mrs Kirstin Glass kirstin.glass@colenso.school.nz</p>

Key: A/S = Achievement Standards
U/S = Unit Standards

MATHEMATICS cont...

STATISTICS

Level 3
(Full Year)
(Mon-Thurs)

L3STAT

CREDITS: 20 credits

SUBJECT PREREQUISITES:

Completed the Level 2 advanced mathematics course.

COURSE INFORMATION:

This course looks at probability, time series, bivariate data, inference and experiments. This is the slightly easier of the Level 3 mathematics courses and has less algebra than Level 3 calculus. It is suitable for students that have completed Level 2 advanced mathematics programme. This course requires good literacy.

FEE COMPONENT:

There is no compulsory fee. There is the option for students to purchase a workbook or study notes at the current price.

LINKS TO FUTURE PATHWAYS:

Any career that requires a mathematics component, medicine, optometry, pharmacy, science, economics, banking, accounting, psychology science.

** This is an Approved University Entrance Subject*

TEACHER CONTACT:

Mrs Kirstin Glass
kirstin.glass@colenso.school.nz

CALCULUS

Level 3
(Full Year)
(Mon-Thurs)

L3CALC

CREDITS: 20 credits

SUBJECT PREREQUISITES:

Completed the Level 2 advanced mathematics course. Gained at least achieved in algebra preferably merit.

COURSE INFORMATION:

This course looks at equation solving and complex numbers, differentiation, integration and simultaneous equations. This is a full academic course that requires the use of complex operations and assumes a high level of algebraic skills. It has significant external assessment load.

FEE COMPONENT:

\$24.00

LINKS TO FUTURE PATHWAYS:

Any career that requires good technical skills, engineering, medicine, optometry, pharmacy, science, economics, banking, accounting.

** This is an Approved University Entrance Subject*

TEACHER CONTACT:

Mrs Kirstin Glass
kirstin.glass@colenso.school.nz

INVESTIGATION

Level 1
2 hours
(1/2 Year)
(Friday)

CREDITS: 24

12 numeracy credits through achievement standards
4 literacy credits
8 science

SUBJECT PREREQUISITES:

Students are placed in this course by the mathematics teacher.

COURSE INFORMATION:

This course builds on the skills covered in Year 10 mathematics. It offers skills and knowledge in Science and Literacy.

FEE COMPONENT:

There is no compulsory fee.

LINKS TO FUTURE PATHWAYS:

All general careers, polytechnics and trade jobs.

TEACHER CONTACT:

Miss Aarti Jyotika
aarti.jyotika@colenso.school.nz

Key: A/S = Achievement Standards
U/S = Unit Standards

SCIENCES

ADVANCED SCIENCE

**Level 1
(Full Year)
(Mon-Thurs)**

L1SCIA

CREDITS: 24 credits

SUBJECT PREREQUISITES:

Completed year 10 Science with recommendation from your teacher.

COURSE INFORMATION:

A course in general science that builds on those topics covered in year 10. Specific areas of physics, chemistry and biology are introduced. Mixture of internal & external credits. Advanced Science leads onto Level 2 physics, chemistry and biology.

FEE COMPONENT: \$30:00

Includes a workbook & photocopying.

LINKS TO FUTURE PATHWAYS:

It gives valuable background knowledge for many careers, e.g. Astronomy, Beauty, Hairdressing, Engineering, Surveying, Environmental Science, Range, Health, Aviation, Armed Services, Forensics, Physicist

TEACHER CONTACT:

Ms D Brown

denise.brown@colenso.school.nz

BIOLOGY

**Level 1
2 hours
(1/2 Year)
(Friday)
L1BIO**

CREDITS: 11 credits

SUBJECT PREREQUISITES:

Completed year 10 Science with recommendation from your teacher.

COURSE INFORMATION:

A course in Biology, the study of living organisms. A mixture of internal and external achievement standards. Topics – human interactions and micro-organisms, inheritance and biological issued in a New Zealand environment.

FEE COMPONENT: Nil

LINKS TO FUTURE PATHWAYS:

Science careers especially related to organisms.

TEACHER CONTACT:

Ms D Brown

denise.brown@colenso.school.nz

PATHWAYS SCIENCE

**Level 1
(Full Year)
(Mon-Thurs)**

L1SCIG

CREDITS: Up to 24 credits

SUBJECT PREREQUISITES:

Completion of Year 10 Science and by recommendation of Year 10 Science teacher.

COURSE INFORMATION:

This course is for students who require some general science for their chosen pathway but will not be going on to a Level 2 Science course.

All internal credits.

FEE COMPONENT: Nil

LINKS TO FUTURE PATHWAYS:

Hairdressing, Plumbing, Primary Teaching, Nanny, Cook

TEACHER CONTACT:

Mr Ryan Kaarsemaker

ryan.kaarsemaker@colenso.school.nz

PRIMARY INDUSTRIES

**Level 1
(Full Year)
(Mon-Thurs)**

L1PRIM

CREDITS: up to 24

SUBJECT PREREQUISITES:

Preferably have studied Horticulture and /or Science in Year 10.

COURSE INFORMATION:

A course working through both internal and external achievement standards while developing many hands on, practical skills in the following areas; plant management and physiology, soil management, and plant propagation.

FEE COMPONENT:

Course Consumables (there is a possibility of taking home items grown if fee is paid)
Total: \$30.00.

There may be additional costs to cover STAR opportunities associated with this course; ie workshops and trips.

LINKS TO FUTURE PATHWAYS:

A huge variety of Horticulture career pathways. Also a stepping stone to tertiary study in Horticulture.

TEACHER CONTACT:

Mr Ryan Kaarsemaker

ryan.kaarsemaker@colenso.school.nz

SCIENCES cont...

<p style="text-align: center;">CHEMISTRY Level 2 (Full Year) (Mon-Thurs) L2CHEM</p>	<p style="text-align: center;">BIOLOGY Level 2 (Full Year) (Mon-Thurs) L2BIO</p>	<p style="text-align: center;">PHYSICS Level 2 (Full Year) (Mon-Thurs) L2PHYS</p>	<p style="text-align: center;">EARTH SPACE SCIENCE (Half Year) (Friday) L1ESCI</p>
<p>CREDITS: 24 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Completed Level 1 Advanced Science with at least 12 credits including some externals and/or through recommendation of Chemistry teacher and/or Level 1 Science teacher.</p> <hr/> <p>COURSE INFORMATION: Explores 7 Chemistry topics. Theory and practical.</p> <hr/> <p>FEE COMPONENT: \$35.00 includes a workbook & photocopying</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: This is an academic science course at Level 2. It leads to various medical careers. Physical education and nursing (a prerequisite for this) and Laboratory work.</p> <hr/> <p>TEACHER CONTACT: Ms Denise Brown denise.brown@colenso.school.nz</p>	<p>CREDITS: US/AS 24</p> <hr/> <p>SUBJECT PREREQUISITES: 8 Level One Science.</p> <hr/> <p>COURSE INFORMATION: This course builds on the knowledge and skills covered in the Level One curriculum. The topics covered include; Ecology – this includes a practical assessment at Harding Road on animal distribution. Cell Biology – this includes microscope work, biological drawing and scientific method through planning and carrying out a biological investigation. Horticulture – identifying and classifying plants. Genetics – inheritance and evolutionary theories and concepts. Assessment – both external and internal of a mixture of Unit and Achievement standards.</p> <hr/> <p>FEE COMPONENT: None</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: This course provides a knowledge base for those students wanting to take a Science-based course at either a Technical Institute or University.</p> <hr/> <p>TEACHER CONTACT: Mrs S Freeman sue.freeman@colenso.school.nz</p>	<p>CREDITS: 24 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Passes in Level 1 external science credits and 8 Level 1 external mathematics credits. Preferably in algebra.</p> <hr/> <p>COURSE INFORMATION: This course looks at mechanics, electricity, waves and atomic physics. It builds on the material covered in Level 1 science and assumes Level 1 algebra skills.</p> <hr/> <p>FEE COMPONENT: Option for students to purchase a workbook or study notes at the current price.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Level 3 physics, engineering, medicine, optometry, pharmacist, scientist, economics, banking accounting.</p> <hr/> <p>TEACHER CONTACT: fiona.craven@colenso.school.nz</p>	<p>CREDITS: 12 credits</p> <hr/> <p>SUBJECT PREREQUISITES: An interest in Astronomy</p> <hr/> <p>COURSE INFORMATION: Explores the Earth and its place in Space and the Solar System. Understand the planets, Seasons, the tides and stars</p> <p>FEE COMPONENT: None</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Further Earth Space Science studies</p> <hr/> <p>TEACHER CONTACT: Mr Ryan Kaarsemaker ryan.kaarsemaker@colenso.school.nz</p>

SCIENCES cont...

LIFE IN THE REAL WORLD Level 2 (Full Year) (Mon-Thurs) L2SIRW

CREDITS: 12 credits

SUBJECT REQUISITES:

Enthusiasm and a positive attitude.

COURSE INFORMATION:

This subject offers basic skills for the world outside school.

- Independent living
- Making a major purchase
- Crime and its consequences
- Budgeting

FEE COMPONENT: Nil

TEACHER CONTACT:

Mrs Sue Freeman

sue.freeman@colenso.school.nz

CHEMISTRY Level 3 (Full Year) (Mon-Thurs) L3CHEM

CREDITS: 20 credits

SUBJECT PREREQUISITES:

Completed Level 2 Chemistry with at least 12 credits including some externals and/or through recommendation of chemistry teacher.

COURSE INFORMATION:

Continues the topics from Level 2 with in depth studies plus aqueous chemistry all A/S.

FEE COMPONENT: \$35.00

includes a workbook and photocopying.

LINKS TO FUTURE PATHWAYS:

It leads to various medical careers. Physical education and nursing, lab work and engineering.

** This is an Approved University Entrance Subject*

TEACHER CONTACT:

Ms Denise Brown

denise.brown@colenso.school.nz

PHYSICS Level 3 (Full Year) (Mon-Thurs) L3PHYS

CREDITS: 24 credits

SUBJECT PREREQUISITES:

Completed Level 2 physics and Level 2 advanced mathematics.

COURSE INFORMATION:

This course looks at mechanics, electricity, waves and atomic physics. It builds on the material covered in Level 2 physics. Students are advised to have Level 2 mathematics algebra skills.

FEE COMPONENT: Option for students to purchase a workbook or study notes at the current price.

LINKS TO FUTURE PATHWAYS:

University physics, engineering, medicine, optometry, pharmacist, scientist, economics, banking, accounting.

** This is an Approved University Entrance Subject*

TEACHER CONTACT:

fiona.craven@colenso.school.nz

HEALTH SCIENCES Level 3 (Full Year) (Friday) L3HSCI

CREDITS: Offers up to 24 A/S

SUBJECT PREREQUISITES:

Good level of literacy – keen interest in health issues in New Zealand.

COURSE INFORMATION:

At the beginning of this course all students work on Diabetes as a topic. From this they can either continue with a Biological theme or move into the Health area. This is chosen by the student. Other areas that can be studied are Evolution, Reproductive Issues, Genetic Manipulation and Human Evolution. Student can gain University Entrance via Biology or Health standards or both.

FEE COMPONENT:

None but there are trips to Hawkes Bay Hospital and The National Aquarium which involve a minimal cost (less than \$10)

LINKS TO FUTURE PATHWAYS:

University Entrance, Any Health Sciences Worker, Veterinary nurse, Farmer, Ranger, DOC worker, Dietician, Brewer, Health Promoter, Fitness Instructor.

** This is an Approved University Entrance Subject*

TEACHER CONTACT:

fiona.craven@colenso.school.nz

VISUAL ARTS

ART Level 1 (Full Year) (Mon-Thurs) L1ART	DIGITAL ART Level 1 (1/2 Year) 2 hours (Friday) L1DART
CREDITS: A/S 20 credits	CREDITS: A/S 8 credits
SUBJECT PREREQUISITES: Art at Year 10 preferable	SUBJECT PREREQUISITES: Year 10 art preferable but not essential.
COURSE INFORMATION: Students will learn to develop practical skills in painting and mixed media. Students must be well motivated and have good creative skills. The course develops drawing and painting conventions and students develop a single theme for their external folio board.	COURSE INFORMATION: This course is an art course which combines photography and design elements. Students will learn to use Photoshop to create pattern and animated art works. They will use artist models to help generate finished artwork
FEE COMPONENT: Course fees are \$50.00 which covers the cost of art materials and boards for the end of year portfolio.	FEE COMPONENT: Course Costs: \$30 Printing costs and clearfile.
LINKS TO FUTURE PATHWAYS: The course is a pre-requisite for Level 2 Art and preferable for Level 2 Design and/or Photography.	LINKS TO FUTURE PATHWAYS: Students will be able to enhance their computer skills on the Mac Computers and make relevant decisions about course options at Level 2. Students will be introduced to Photoshop, Illustrator, design and digital photography.
TEACHER CONTACT: Ms Laura Jackson laura.jackson@colenso.school.nz	TEACHER CONTACT: Ms Laura Jackson laura.jackson@colenso.school.nz

Key: A/S = Achievement Standards
U/S = Unit Standards

VISUAL ARTS cont...

<p style="text-align: center;">PAINTING Level 2 (Full Year) (Mon-Thurs)</p> <p style="text-align: center;">L2ART</p>	<p style="text-align: center;">DESIGN Level 2 (Full Year) (Friday)</p> <p style="text-align: center;">L2DES</p>	<p style="text-align: center;">PHOTOGRAPHY Level 2 (Full Year) (Mon-Thurs)</p> <p style="text-align: center;">L2PHOT</p>
<p>CREDITS: A/S 20 credits</p> <hr/> <p>SUBJECT PREREQUISITES: 12 credits in Level 1 Art</p> <hr/> <p>COURSE INFORMATION: Students will be able to further develop their strong drawing and painting skills. Students will complete research activities and develop their own work with reference to artist models.</p> <p>FEE COMPONENT: The course fee is \$80 for which students are supplied with art materials to use and folio and exam boards at the end of the year.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: The course is a pre-requisite for Level 3 Painting/Printmaking. During the year students will extend their paint skills to Level 7 of the NZ Curriculum before completing the external folio.</p> <hr/> <p>TEACHER CONTACT: Ms Laura Jackson laura.jackson@colenso.school.nz</p>	<p>CREDITS: A/S 24 credits</p> <hr/> <p>SUBJECT PREREQUISITES: 12 credits in Level 1 art.</p> <hr/> <p>COURSE INFORMATION: Students will learn both drawing and computer skills in Photoshop and Illustrator over the course of the year. Research and generation of ideas will be covered in-depth and students will produce a folio of work at the end of the year which will reflect their design skills.</p> <p>FEE COMPONENT: The course fee is \$100 which covers printing costs.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Level 3 course, tertiary study, web design, advertising, illustration.</p> <hr/> <p>TEACHER CONTACT: Ms Laura Jackson laura.jackson@colenso.school.nz</p>	<p>CREDITS: A/S 24 credits</p> <hr/> <p>SUBJECT PREREQUISITES: 16 credits in Level 1 art preferable.</p> <hr/> <p>COURSE INFORMATION: Students will learn about and learn how to take good art photographs. They will learn how to produce a body of work in photography which shows an understanding of creative photographic skills. It is preferable that students have their own digital camera.</p> <p>FEE COMPONENT: The course fee is \$100 which covers printing costs.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Professional photographer, journalism, film artist.</p> <hr/> <p>TEACHER CONTACT: Ms Laura Jackson laura.jackson@colenso.school.nz</p>

Key: A/S = Achievement Standards
U/S = Unit Standards

VISUAL ARTS cont...

PAINTING/ PRINTMAKING Level 3 (Full Year) (Mon-Thurs) L3ART	DESIGN Level 3 (Full Year) (Friday) L3DES	DIGITAL PHOTOGRAPHY Level 3 (Full Year) (Mon-Thurs) L3PHOT
<p>CREDITS: A/S 22 credits</p> <hr/> <p>SUBJECT PREREQUISITES: 16 credits in Level 2 art.</p> <hr/> <p>COURSE INFORMATION: A practical and theoretical course in which students explore and develop ideas thematically. Drawing and development of visual ideas is the basis of this course. Students need the ability to think and work independently and the creativity to generate and re-generate ideas in the making of artworks. Students will work with acrylic and mixed media.</p> <p>FEE COMPONENT: The course fee is \$80 for which students are provided with art supplies and end of year folio boards.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Artist, set designer, visual merchandiser.</p> <p><i>*This is an Approved University Entrance subject.</i></p> <hr/> <p>TEACHER CONTACT: Ms Laura Jackson laura.jackson@colenso.school.nz</p>	<p>CREDITIS: A/S 22 credits</p> <hr/> <p>SUB PRE REQUISITE: 12 credits in Level 2 design or at the discretion of the teacher in charge.</p> <hr/> <p>COURSE INFORMATION: Design involves creative and exploratory design solving. Drawing and development of visual ideas is the basis of this course. Students work with design briefs that involve research, the generation of creative ideas, and production of finished artwork. Drawing and the ability to communicate ideas visually are essential to this course.</p> <p>FEE COMPONENT: There is a \$100 course fee which covers printing costs.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Web design, computer animation, advertising, illustration, graphic design, textile design etc.</p> <p><i>*This is an Approved University Entrance subject.</i></p> <hr/> <p>-</p> <p>TEACHER CONTACT: Ms Laura Jackson laura.jackson@colenso.school.nz</p>	<p>CREDITS: 22 credits</p> <hr/> <p>SUBJECT PREREQUISITES: 12 credits in Level 2 photography or at the discretion of the teacher in charge.</p> <hr/> <p>COURSE INFORMATION: A practical and theoretical course using digital cameras and Photoshop technology. Students will build upon their ability to explore and develop ideas thematically. Students need the ability to think and work independently and the creativity to generate and re-generate ideas in the making of artworks. It is preferable that students have their own digital SLR cameras. The course fee is \$100 which should cover printing costs and folio boards.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Art administrator, artist, craftsperson, armed service Photographer, wedding photographer, journalism, film, digital media.</p> <p><i>*This is an Approved University Entrance subject.</i></p> <hr/> <p>TEACHER CONTACT: Ms Laura Jackson laura.jackson@colenso.school.nz</p>

Key: A/S = Achievement Standards
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PERFORMING ARTS

<p style="text-align: center;">SONIC ART Year 10/L1 (Full Year) (Mon-Thurs)</p> <p style="text-align: center;">L1MUS</p>	<p style="text-align: center;">SONIC ART Level 2 and 3 (Full Year) (Mon-Thurs)</p> <p style="text-align: center;">SMUS</p>	<p style="text-align: center;">VOCAL ZONE Y10-13 NCEA L1-3 (Full Year) (Friday, 2 hours)</p>	<p style="text-align: center;">MAORI PERFORMING ARTS Level 1, 2 & 3 (Full Year)</p> <p style="text-align: center;">SMPA</p>
<p>CREDITS: 18-24 credits</p> <hr/> <p>COURSE INFORMATION: A practical based course that incorporates music making with sound production & technology. Students will:</p> <ul style="list-style-type: none"> • Present solo & group performances • Learn music notation • Learn about the Science of Sound • Use Music Technology to create music <p>NB: There will be Music theory (written) work involved in order to meet the achievement criteria of each standard. This course encourages independent AND group learning activities – FULL commitment is expected as your own and your peers' achievement may rely on you.</p> <p>PREREQUISITES: equivalent of 3 years group itinerant music tuition on chosen performance instrument.</p> <hr/> <p>FEE COMPONENT: \$30 .00 This fee covers a range of costs including (but not limited to): photocopying, instrument/equipment maintenance, APRA licence, printing and stationery</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Sonic Arts 201/301; Tertiary pathways, University Entrance approved subject, Vocational Pathways – Creative Industries * Year 10 Students may enrol in this course. Students will work towards completing the NCEA L1 course – however some may require 2 years to complete the course and <i>achieve the standards offered.</i></p> <hr/> <p>TEACHER CONTACT: Miss Janneke de Jong janneke.dejong@colenso.school.nz</p>	<p>CREDITS: Level 2 – 25 credits Level 3 – 30 credits</p> <hr/> <p>COURSE INFORMATION: A practical based course that incorporates music making. Students will:</p> <ul style="list-style-type: none"> • Present solo & group performances • Learn music theory • Song writing • Use music technology to create and manipulate music <p>NB: <i>There will be Music theory (written) work involved in order to meet the achievement criteria of each standard. If students have not done some L2 standards they may need to sit these before doing the L2 & L3 Standards.</i></p> <p>This course encourages independent AND group learning activities – FULL commitment is expected as your own and your peers' achievement may rely on you.</p> <p>PREREQUISITES: L2 - equivalent of 4 years group itinerant music tuition on chosen performance instrument L3 - equivalent of 5 years group itinerant music tuition on chosen performance instrument (or HOD Approval, following an audition)</p> <hr/> <p>FEE COMPONENT: \$30.00 This fee covers a range of costs including (but not limited to): photocopying, instrument/equipment maintenance, APRA licence, printing and stationery</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Sonic Arts 301; Tertiary pathways, University Entrance approved subject, Vocational Pathways – Creative Industries</p> <hr/> <p>TEACHER CONTACT: Miss Janneke de Jong janneke.dejong@colenso.school.nz</p>	<p>CREDITS (up to): L1: 16 credits L2: 19 credits L3: 24 credits</p> <hr/> <p>COURSE INFORMATION: Practical course designed to build up instrumental and performance skills through collaboration with others. Students will have the opportunity to:</p> <ul style="list-style-type: none"> - Work together in a group - Develop instrumental skills & techniques - Compose contemporary music - Learn about a range of genres of music - Learn singing techniques. <p>Students will be expected to perform to an audience. Opportunity to enter:</p> <ul style="list-style-type: none"> - Big Sing - Barbershop - Rockquest/Pacifica Beats - Play It Strange song writing competition - Chamber music competition <p>This course encourages independent AND group learning activities – FULL COMMITMENT is expected as your own AND your peers' achievement may rely on you.</p> <p>PREREQUISITES Positive attitude for learning. Ability to work independently and in a team environment. Confidence to perform in front of others.</p> <hr/> <p>Restrictions: Students can opt to study Sonic Arts and Vocal Zone concurrently with this course – however this could limit the credit total achieved as the same performance assessments will be assessed in each of the courses</p> <hr/> <p>FEE COMPONENT: \$20.00 This fee covers a range of costs including (but not limited to): photocopying, instrument/equipment maintenance, APRA licence, printing and stationery.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS Tertiary, UE</p> <hr/> <p>TEACHER CONTACT: Miss Janneke de Jong janneke.dejong@colenso.school.nz</p>	<p>CREDITS: 59 credits </p> <hr/> <p>SUBJECT PRE REQUISITES: A desire to learn and participate in Maori song, dance, drama and music.</p> <hr/> <p>COURSE INFORMATION: You will develop skills in poi, waiata, haka, mau rakau and other elements of kapa haka. You will participate in drama, singing and dance through a Maori perspective with reference to tikanga.</p> <hr/> <p>FEE COMPONENT: \$20.00</p> <hr/> <p>TEACHER CONTACT: Whaea Eline Te Huia eline.tehuia@colenso.school.nz</p>

PERFORMING ARTS cont...

<p>DANCE ARTS NCEA Level 1 (Full Year) (Mon-Thurs)</p> <p>L1DAN</p>	<p>SENIOR DANCE ARTS NCEA Level 2/3 (Full Year) (Mon-Thurs)</p> <p>SDAN</p>	<p>STAGE CRAFT Year 10-13 (Full Year) (Friday) 2 hours</p> <p>SDAN</p>
<p>CREDITS: 20-28 credits</p> <hr/> <p>SUBJECT PREREQUISITES: An interest in dance is a must.</p> <hr/> <p>COURSE INFORMATION: A practical course that involves learning:</p> <ul style="list-style-type: none"> • Technique • Developing group work • Some theory • Performance work <p>Year 10's have the option of being in this class and achieving Level 1. There will be no Year 10 Dance in 2016.</p> <p>This course encourages independent learning and group work. All are expected to participate in this</p> <p>FEE COMPONENT: \$20.00 Covers photocopying and extra tuition.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Level 2 and 3 Dance. Tertiary Performing Arts training. Teaching, P.E., public work, exhibitions, tourism.</p> <hr/> <p>TEACHER CONTACT: Ms Leah Kersey leah.kersey@colenso.school.nz</p>	<p>CREDITS: Level 2 -32 credits Level 3 - 34 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Level 2 - some dance experience or Level 1 Level 3 - Level 2 Dance or equivalent of 4 years dance experience.</p> <hr/> <p>COURSE INFORMATION: A practical based course which incorporates a range of movement tasks. Students will be required to participate in:</p> <ul style="list-style-type: none"> • Technique • Working on solos, duets and group work. • Performance • Theory related tasks • Producing own work with others. <p>This course requires independent and group learning activities. Full participation is required.</p> <p>FEE COMPONENT: \$20.00 Covers photocopying, dance tutoring and some costuming.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Level 3 Dance. Tertiary Performing Arts training. Teaching, P.E., public work, exhibition and tourism.</p> <hr/> <p>TEACHER CONTACT: Ms Leah Kersey leah.kersey@colenso.school.nz</p>	<p>CREDITS: up to 30 credits available</p> <hr/> <p>SUBJECT PREREQUISITES: Positive and open to working in a team environment.</p> <hr/> <p>COURSE INFORMATION: This course will provide students to develop a range of performing arts skills in Dance and Drama. This will include:</p> <ul style="list-style-type: none"> • Staging • Movement • Working with others • Developing performance for stage in a variety settings • Theory related to performance • Performing in public <p>FEE COMPONENT: \$20.00 Covers photocopying, APRA</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Tertiary Performing Arts training. Teaching, public work, Exhibitions such as Wearable Arts, tourism.</p> <hr/> <p>TEACHER CONTACT: Ms Leah Kersey leah.kersey@colenso.school.nz</p>

Key: A/S = Achievement Standards
 U/S = Unit Standards

TECHNOLOGY

FOOD AND HOSPITALITY

**Level 1
(Full Year)
(Mon-Thurs)**

CREDITS: 15 – 20 Credits

SUBJECT PREREQUISITES: Students must have participated in the Food Technology Course in Year 10.

COURSE INFORMATION:

A full year course. The food choices made by individuals and families affect all aspects of their health. Food and nutrition education enables students to make informed decisions about food and the choices that will contribute to their own well-being and that of other people. Students will have practical experiences designed to help them develop health-enhancing attitudes to food and nutrition.

Credits for Standards Level 1: Achievement and Unit Standards. Both internal and external assessments available (Students should aim to sit External exams at the end of the year).

FEE COMPONENT:

Workbooks: \$30.00
Ingredient Fees: \$120.00
Total: \$150.00

LINKS TO FUTURE PATHWAYS:

This course is particularly relevant for students wishing to pursue careers in Hospitality and Health related careers e.g. Physical Ed. and Nutrition. The course also aims to provide students with a well-balanced, practically orientated course that develops lifelong skills.

TEACHER CONTACT:

Mrs Janet Jeanes
janet.jeanes@colenso.school.nz

FOOD AND HOSPITALITY

**Level 2
(Full Year)
(Mon-Thurs)**

CREDITS: 15 – 20 Credits

SUBJECT PREREQUISITES: Students must have achieved Level 1 in Food and Hospitality.

COURSE INFORMATION:

A full year course. This course builds on the skills covered in Level 1. The food choices made by individuals and families affect all aspects of their health. Food and nutrition education enables students to make informed decisions about food and the choices that will contribute to their own well-being and that of other people. Students will have practical experiences designed to help them develop health-enhancing attitudes to food and nutrition.

Credits for Standards Level 2: Achievement and Unit Standards. Both internal and external assessments available (Students should aim to sit External exams at the end of the year).

FEE COMPONENT:

Workbooks: \$30.00
Ingredient Fees: \$120.00
Total: \$150.00

LINKS TO FUTURE PATHWAYS:

Tertiary Pathways – University Entrance Approved Subject.

TEACHER CONTACT:

Mrs Janet Jeanes
janet.jeanes@colenso.school.nz

FOOD AND HOSPITALITY

**Level 3
(Full Year)
(Mon- Thurs)**

CREDITS: 15 – 20 Credits

SUBJECT PREREQUISITES: Students must have achieved Level 2 in Food and Hospitality.

COURSE INFORMATION:

A full year course. This course builds on the skills covered in Level 2. The food choices made by individuals and families affect all aspects of their health. Food and nutrition education enables students to make informed decisions about food and the choices that will contribute to their own well-being and that of other people. Students will have practical experiences designed to help them develop health-enhancing attitudes to food and nutrition.

At this level students have opportunity to cater for school functions on a large scale, which will provide a realistic insight to the pressures and experiences of catering.

Credits for Standards Level 3: Achievement and Unit Standards. Both internal and external assessments available (Students should aim to sit External exams at the end of the year).

FEE COMPONENT:

Workbooks: \$30.00
Ingredient Fees: \$120.00
Total: \$150.00

LINKS TO FUTURE PATHWAYS:

Tertiary Pathways – University Entrance Approved Subject.

TEACHER CONTACT:

Mrs Janet Jeanes
janet.jeanes@colenso.school.nz

TECHNOLOGY cont

<p align="center">SOFT MATERIALS TECHNOLOGY Level 1 - 3 (Full Year) (Mon-Thurs) SSTECH</p>	<p align="center">SOFT MATERIALS ACADEMY Level 1 (1/2 Year) 4 hours (Friday) L1STECH</p>	<p align="center">TRADES Level 1 (Full Year) (Mon- Thurs) L1TRADE</p>	<p align="center">TRADES Level 2 (Full Year) (Mon-Thurs) L2TRADE</p>
<p>CREDITS: 18+ credits</p> <hr/> <p>SUBJECT PREREQUISITES: Satisfactory completion of the Year 10/11 Soft Materials (Textiles) Technology Programme or completion of prior Senior Technology programme/s with textiles and sewing related skills and/or experience.</p> <hr/> <p>COURSE INFORMATION: Year 12 - 13 students have the opportunity to explore and develop their sewing and design skills and knowledge as they develop their ideas. The emphasis is on technical competency, organisational skills, design, presentation and production.</p> <p>Credits for Standards: Level 2 & 3: 18+ Achievement and Unit Standards.</p> <p>Most standards are internally assessed, with the option of external standards available for students seeking endorsement.</p> <p>This course aims to:</p> <ul style="list-style-type: none"> ✓ develop project management skills; ✓ develop and apply communication skills; ✓ access knowledge and skills from experts in our communities; and, ✓ produce high quality solutions. <p>* This is an Approved University Entrance Subject</p> <hr/> <p>FEE COMPONENT: \$45.00 Includes stationery, fabrics and notions for your basic requirements. <i>*Students wanting to make garments are required to provide their own fabric.</i></p> <hr/> <p>LINKS TO FUTURE PATHWAYS: <i>* see related</i></p> <hr/> <p>TEACHER CONTACT: Miss Bobbie Seymour bobbie.seymour@colenso.school.nz</p>	<p>The main focus of this course is NCEA Level 1 Textiles Technology, with emphasis on technical competency, organisational skills, design, presentation and production. Year 10 students are encouraged to select the course over a two-year period to gain maximum expertise required for our Senior Textiles Programme. This programme offers a mix of credits from both the Technology and Home and Life Sciences domains at both Level 1 and 2.</p> <p>It builds on from Year 9 Textiles - previous experience is not required, but motivation and a desire to succeed are! The course is predominantly hands on, but also requires students to research, plan and evaluate: both progress and success.</p> <p>The programme also aims to develop skills in:</p> <ul style="list-style-type: none"> • Literacy • Numeracy; and, • The five key competencies of thinking, using language, symbols & text, managing self, relating to others, participation and contributing. <p>The course fee is \$45 and includes stationery, fabrics and notions for your basic requirements. <i>*Students wanting to make garments are required to provide their own fabric.</i></p> <p>FEE COMPONENT: \$45.00 Includes stationery and resources for your basic requirements.</p> <hr/> <p>LINKS TO FUTURE PATHWAYS This course is particularly relevant for students wishing to pursue careers in Hospitality & Tourism, Health related careers e.g. Physical Ed., Sport & Rec. The course also aims to provide students with a well-balanced, practically orientated course that develops lifelong skills, confidence and a pride in paying attention to detail.</p> <hr/> <p>TEACHER CONTACT: Miss Bobbie Seymour bobbie.seymour@colenso.school.nz</p>	<p>CREDITS: 24 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Year 10 Trades</p> <hr/> <p>COURSE INFORMATION: This is an introductory course for students interested in engineering and construction, and has been developed to attract students in to careers in engineering and construction or related trades or professions. The course provides students with a well-balanced, practically orientated course that develops lifelong skills, stimulating self-esteem, confidence and a pride in paying attention to detail. The main focus of this course is the Level 1 ITO Unit Standards in Mechanical Engineering and Building Construction. The course is assessed using a range of practical and written tasks covering:</p> <ul style="list-style-type: none"> • Construction Hand Tools • Engineering Hand Tools • Construction Materials • Workshop Safety • Construction of Projects • Workshop Procedures and Processes <p>FEE COMPONENT: Materials:\$150.00 (covers the cost of workbooks and materials)</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Participation in the course is excellent preparation for our Level 2 Trades Course which prepares students for a Trades Pathway. Successful completion of the course demonstrates that students have the right skills to complete the Level 2 programme (Trades 2).</p> <hr/> <p>TEACHER CONTACT: Mr Phil Kay phil.kay@colenso.school.nz</p>	<p>CREDITS: 26 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Trades 1 (Level 1).</p> <hr/> <p>COURSE INFORMATION: This course develops the knowledge, skills and understanding covered in the Trades 1 programme. The projects are more complicated than those made in the Trades 1 course and develop a greater depth of understanding and a higher degree of skill and accuracy. Students are required to work both independently and alongside others to solve a range of construction and engineering problems. The main focus of this course is the Level 2 ITO Unit Standards in Mechanical Engineering and Building Construction. The course is assessed using a range of practical and written tasks covering:</p> <ul style="list-style-type: none"> • Construction Hand tools • Engineering Hand tools • Power Tools • Workshop Safety • Construction of projects • Measurement • Marking <p>FEE COMPONENT: \$150.00 (covers the cost of workbooks and materials)</p> <hr/> <p>LINKS TO FUTURE PATHWAYS Participation in the course is excellent preparation for the EIT Trades Academy programme, Gateway programmes, Pre apprenticeship training courses and apprenticeships. Successful completion of the course demonstrates to prospective employers and tertiary training organisations such as Polytechnic's that students have the right skills to either participate in further education or commence employment in their chosen industry.</p> <hr/> <p>TEACHER CONTACT: Mr Phil Kay phil.kay@colenso.school.nz</p>

Key: A/S = Achievement Standards
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TECHNOLOGY cont...

<p style="text-align: center;">TRADES Level 3 (Full Year) (Mon-Thurs)</p> <p style="text-align: center;">L3TRADE</p>	<p style="text-align: center;">MECHANICAL ENGINEERING Level 2 (1/2Year) 2 hours (Friday) L2MENG</p>	<p style="text-align: center;">CONSTRUCTION ACADEMY Level 3 (1/2 Year) 4 hours</p>
<p>CREDITS: 18 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Trades 2 (Level 2)</p> <hr/> <p>COURSE INFORMATION: The course is an opportunity for Year 13 students who have successfully completed the Level 1 & 2 Trades Programmes to develop their knowledge, skills and understanding of Furniture Making. Students are required to construct an item of furniture that includes draws and doors (Entertainment Cabinet). The course is assessed using a range of practical and written tasks covering the following:</p> <ul style="list-style-type: none"> • Construct Working Drawings • Construct Pictorial Drawings • Construct an Item of Furniture • Demonstrate Knowledge of Hardware used in furniture making <p>FEE COMPONENT: \$150.00 (to be confirmed)</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Participation in the course is excellent preparation for pre apprenticeship training courses and apprenticeships. Successful completion of the course demonstrates to prospective employers and tertiary training organisations such as Polytechnic's that students have the right skills to either participate in further education or commence employment in their chosen industry.</p> <hr/> <p>TEACHER CONTACT: Mr Phil Kay phil.kay@colenso.school.nz</p>	<p>CREDITS: 16 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Trades 2 (Level 2)</p> <hr/> <p>COURSE INFORMATION: The course is an opportunity for Year 11 - 13 students who have either successfully completed the Level 1 & 2 Trades Programmes or are studying Level 1 & 2 Trades to further develop their knowledge, skills and understanding of Mechanical Engineering. Students are required to work alongside others to solve a range of mechanical engineering problems. The main focus of this course is the Level 2 ITO Unit Standards in Mechanical Engineering. The course is assessed using a range of practical and written tasks covering some of the following:</p> <ul style="list-style-type: none"> • Engineering Sketching • Engineering Measuring Equipment • Engineering Fasteners • Portable Power Tools • Engineering Materials • Engineering Worksite Safety <p>FEE COMPONENT: to be determined (covers the cost of workbooks and materials)</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Participation in the course is excellent preparation for pre apprenticeship training courses and apprenticeships. Successful completion of the course demonstrates to prospective employers and tertiary training organisations such as Polytechnic's that students have the right skills to either participate in further education or commence employment in their chosen industry.</p> <hr/> <p>TEACHER CONTACT: Mr Phil Kay phil.kay@colenso.school.nz</p>	<p>CREDITS: 16 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Trades 2 (Level 2)</p> <hr/> <p>COURSE INFORMATION: The course is an opportunity for Year 13 students who have successfully completed the Level 1 & 2 Trades Programmes to develop their knowledge, skills and understanding of Construction by undertaking the construction of a real and relevant project. Students are required to construct a project such as a fence or non- consent building. The course is assessed using a range of practical and written tasks covering the following Level 2 Unit Standards</p> <ul style="list-style-type: none"> • Power tools • Materials • Project Planning <p>FEE COMPONENT: STAR Funded</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Participation in the course is excellent preparation for pre apprenticeship training courses and apprenticeships. Successful completion of the course demonstrates to prospective employers and tertiary training organisations such as Polytechnic's that students have the right skills to either participate in further education or commence employment in their chosen industry.</p> <hr/> <p>TEACHER CONTACT: Mr Phil Kay phil.kay@colenso.school.nz</p>

Key: A/S = Achievement Standards
U/S = Unit Standards

LANGUAGES

TE REO MĀORI Level 1 (Full Year) (Mon-Thurs) L1MAO	TE REO MĀORI Level 2 (Full Year) (Mon-Thurs) SMAO	TE REO MĀORI Level 3 (Full Year) (Mon-Thurs) SMAO
<p>CREDITS: 30 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Satisfactory completion of Year 9 and 10 Te Reo Māori.</p> <hr/> <p>COURSE INFORMATION: This is an NCEA Level 1 Te Reo Māori course. It runs for the full year. Students will learn through kōrero, whakarongo, tuhituhi, pānui, whakaari and whakaatu. Both internal and external assessments available (Students should aim to sit External exams at the end of the year).</p> <hr/> <p>FEE COMPONENT: \$30.00</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Service Industries, Social and Community Services, Creative Industries, Education Services, Television and Production, Languages Services.</p> <hr/> <p>TEACHER CONTACT: Whāea Kahuripene Kawe kahuripene.kawe@colenso.school.nz</p>	<p>CREDITS: 26 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Satisfactory completion of Level 1 Te Reo Māori.</p> <hr/> <p>COURSE INFORMATION: This is an NCEA Level 2 Te Reo Māori course. It runs for the full year. Students will learn through kōrero, whakarongo, tuhituhi, pānui, whakaari and whakaatu. Both internal and external assessments available (Students should aim to sit External exams at the end of the year).</p> <hr/> <p>FEE COMPONENT: \$30:00</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Service Industries, Social and Community Services, Creative Industries, Education Services, Television and Production, Languages Services.</p> <hr/> <p>TEACHER CONTACT: Whāea Kahuripene Kawe kahuripene.kawe@colenso.school.nz</p>	<p>CREDITS: 24 credits</p> <hr/> <p>SUBJECT PREREQUISITES: Satisfactory completion of Level 2 Te Reo Māori.</p> <hr/> <p>COURSE INFORMATION: This is an NCEA Level 3 Te Reo Māori course. It runs for the full year. Students will learn through kōrero, whakarongo, tuhituhi, pānui, whakaari and whakaatu. Both internal and external assessments available (Students should aim to sit External exams at the end of the year).</p> <hr/> <p>FEE COMPONENT: \$30:00</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Service Industries, Social and Community Services, Creative Industries, Education Services, Television and Production, Languages Services.</p> <hr/> <p>TEACHER CONTACT: Whāea Kahuripene Kawe kahuripene.kawe@colenso.school.nz</p>

Key: A/S = Achievement Standards
U/S = Unit Standards

PHYSICAL EDUCATION/HEALTH

PHYSICAL EDUCATION Level 1 (Full Year) (Mon-Thurs) L1PE	HEALTH Level 1 (Full Year) 2 hours (Mon-Thurs)	PHYSICAL EDUCATION Level 2 (Full Year) (Mon-Thurs) L2PE	ARMED FORCES COURSE (Full Year) (Mon-Thurs) L2ARM
<p>CREDITS: 23 credits</p> <hr/> <p>SUBJECT PREREQUISITES : None</p> <hr/> <p>COURSE INFORMATION: This course builds on skills learnt in the Middle School but with more emphasis on team work and strategy. There are written aspects associated with the Achievement Standards.</p> <hr/> <p>FEE COMPONENT: \$30.00</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Sportsperson, Coach, Nurse, Physiotherapist, Sports Coordinator, Sports trainer, Teacher, Fitness Instructor</p> <hr/> <p>TEACHER CONTACT: Mr Josh Badger josh.badger@colenso.school.nz</p>	<p>CREDITS: 10 credits</p> <hr/> <p>SUBJECT REQUISITES:</p> <hr/> <p>COURSE INFORMATION: This course will cover interpersonal skills, healthy lifestyles and sexuality. It will run in the first half of the year Monday to Thursday.</p> <hr/> <p>FEE COMPONENT: \$20.00</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Nurse, Doctor, Physiotherapy, Social Worker, Teacher</p> <hr/> <p>TEACHER CONTACT: Mr Ken Bollard ken.bollard@colenso.school.nz</p>	<p>CREDITS: 24 credits</p> <hr/> <p>SUBJECT PREREQUISITES: 14 credits in Level 1 Advanced Physical Education.</p> <hr/> <p>COURSE INFORMATION: This is largely an academic subject that builds on the knowledge developed in Level 1. It looks at how the body functions and ways to improve your performance and fitness. It covers topics such as anatomy, exercise physiology and biomechanics</p> <hr/> <p>FEE COMPONENT: \$30.00</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Sportsperson, Coach, Nurse, Physiotherapist, Sports Co-ordinator, Sports Training, Teacher, Fitness Instructor.</p> <hr/> <p>TEACHER CONTACT: Mr Josh Badger josh.badger@colenso.school.nz</p>	<p>CREDITS: 20 17 credits at Level 2 3 credits at Level 3</p> <hr/> <p>SUBJECT REQUISITES: Interest in joining the Armed Forces or any other employment needing a high Level of fitness.</p> <hr/> <p>COURSE INFORMATION: The aim of this course is to help students prepare to enter the armed forces or a physically demanding career. The course will be based around achieving the entry criteria for the armed forces. It covers topics such as team work, self-management, bush-craft and creating training programmes to improve fitness.</p> <hr/> <p>FEE COMPONENT: \$30.00 plus additional costs for 3 tramping trips.</p> <hr/> <p>LINKS Army, Navy and Air force, Fitness instructors, Logging, Police Force, Fisheries, Mining, Oil Rigging</p> <hr/> <p>TEACHER CONTACT: Mr Joshua Badger josh.badger@colenso.school.nz</p>

Key: A/S = Achievement Standards
U/S = Unit Standards

PHYSICAL EDUCATION/HEALTH cont...

<p>HEALTH Level 2 (Mon-Thurs)</p> <p>L2HEA</p>	<p>SPORTS ACADEMY (Full Year) 2 hours (Friday)</p>	<p>SPORT AND RECREATION (Full Year) 2 hours (Friday)</p>	<p>PHYSICAL EDUCATION Level 3 (Full Year) (Mon-Thurs) L3PE</p>
<p>CREDITS: Health: 20 Level 2 AS</p> <hr/> <p>SUBJECT REQUISITES: Interest in Health Education and holistic well-being</p> <hr/> <p>COURSE INFORMATION: The course covers topics such as</p> <ul style="list-style-type: none"> • Sexuality and gender issues • Resiliency and change • Adolescent health issues • Well being <p>FEE COMPONENT: Nil</p> <hr/> <p>TEACHER CONTACT: Mr Phil Robertshaw phil.robertshaw@colenso.school.nz</p>	<p>CREDITS:</p> <hr/> <p>SUBJECT REQUISITES: Playing for top sports team.</p> <hr/> <p>COURSE INFORMATION: This course will cover sports nutrition, goal setting, individual performance appraisal and skill assessment. It will run for a full year on a Friday.</p> <p>FEE COMPONENT: \$20.00</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Professional Sportsperson, Gym Instructor, Physiotherapy, Coaching</p> <hr/> <p>TEACHER CONTACT: Mr Ken Bollard ken.bollard@colenso.school.nz</p>	<p>CREDITS:</p> <hr/> <p>SUBJECT REQUISITES: Yr 12/13 not currently taking PE</p> <hr/> <p>COURSE INFORMATION: This course is aimed at academic students who have not taken PE in the senior levels and would like to participate in a variety of sport and recreational opportunities. It will run for a full year 2 hours on a Friday.</p> <p>FEE COMPONENT: \$60.00</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Professional Sportsperson, Gym Instructor, Physiotherapy, Coaching</p> <hr/> <p>TEACHER CONTACT: Mr Ken Bollard josh.badger@colenso.school.nz</p>	<p>CREDITS: 18 credits</p> <hr/> <p>SUBJECT PREREQUISITES: 14 credits in NCEA Level 2 PE.</p> <hr/> <p>COURSE INFORMATION: In this course students put into practice knowledge learnt at Level 2. Students must be able to work independently and be highly motivated. They will look at skill analysis, skill improvement and performance of a skill, with other optional units depending on progress.</p> <p>FEE COMPONENT: Course Fee: \$50.00</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: University, Sports person, Coach, Nurse, Physiotherapist, Sports Co-ordinator, Sports Trainer, Teacher, Fitness Instructor.</p> <p><i>*This is an Approved University Entrance subject.</i></p> <hr/> <p>TEACHER CONTACT: Mr Josh Badger josh.badger@colenso.school.nz</p>

PHYSICAL EDUCATION/HEALTH cont...

NATIONAL CERTIFICATE IN YOUTH WORK Full Year (Friday)

The New Zealand Certificate in Youth Work offers 44 level 3 credits via a provider called Careerforce. The qualification covers the following units:

- Te Tiriti o Waitangi in youth work
- Group work and leadership
- Ethics in youth work
- The Youth Development Strategy Aotearoa
- Human Development
- Profiling youth
- Delivering a Youth Development programme

This certificate feeds into the NZQA framework and is an entry into any social science career pathway or any career involving working with young people.

FEE COMPONENT:
\$50.00

TEACHER CONTACT:
Mr Phil Robertshaw
phil.robertshaw@colenso.school.nz

SOCIAL SCIENCES

HISTORY Level 1 (Full Year) (Mon-Thurs) L1HIST	HISTORY/GEOGRAPHY Level 2 (Full Year) (Mon-Thurs) L2HIST	SENIOR TOURISM Level 2 – 3 (Full Year) (Mon-Thurs) STOUR	HISTORY Level 3 (Full Year) (Mon-Thurs) L3HIST
<p>CREDITS: Up to 27 credits 15 internal and 12 external</p> <hr/> <p>SUBJECT PREREQUISITES: None</p> <hr/> <p>COURSE INFORMATION: Throughout this course we aim to develop; skills of inquiry, interpretation, problem-solving, gathering, processing and presenting information, the understanding of important historical concepts that help explain the world we live in, the causes and consequences of important events.</p> <p>Topics are drawn from local, national and global events and issues. There is also the opportunity for students to choose a historical event of their own to research.</p> <p>FEE COMPONENT: None</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Highly transferable skills which are applicable to many sectors and employment opportunities e.g. Law, archivist, teacher, lecturer, business, planner, journalist, writer or researcher.</p> <hr/> <p>TEACHER CONTACT: Mr Simon Mitchell simon.mitchell@colenso.school.nz</p>	<p>CREDITS: up to 27 credits 15 internal and 12 external</p> <hr/> <p>SUBJECT PREREQUISITES: L1 History and/or L1 English is an advantage.</p> <hr/> <p>COURSE INFORMATION: This course is made up of a mixture of History and Geography based topics. Throughout this course we aim to develop; skills of inquiry, interpretation, problem-solving, gathering, processing and presenting information, the understanding of geographical concepts that help explain the world we live in, the causes and consequences of natural hazards and explain global and contemporary geographic issues.</p> <p>Topics are drawn from local, national and global events and issues. There is also the opportunity for students to choose a historical event of their own to research.</p> <p>FEE COMPONENT: None</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Highly transferable skills which are applicable to many sectors and employment opportunities e.g. Law, archivist, teacher, lecturer, business, planner, journalist, writer or researcher.</p> <hr/> <p>TEACHER CONTACT: Mr Simon Mitchell simon.mitchell@colenso.school.nz</p>	<p>CREDITS: up to 30 credits (all internal) 24 Level 3 credits offered</p> <hr/> <p>SUBJECT PREREQUISITES: Completion of a Level 1 NCEA Certificate.</p> <hr/> <p>COURSE INFORMATION: We offer students an opportunity to study towards the National Certificate in Tourism Level 2 (Introductory Skills) as well as gaining NCEA credits for Level 2 and/or 3. The course is based around several compulsory standards which develop a broad understanding of the Tourism Industry.</p> <p>FEE COMPONENT: <i>There may be additional costs to cover STAR opportunities associated with this course; i.e. workshops and trips.</i></p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Further study in Tourism at Level 3 and/or future study at tertiary institutions. This may lead to employment opportunities within the tourism industries or service sectors such as Accommodation, Sales and Marketing and Transportation.</p> <hr/> <p>TEACHER CONTACT: Mr Simon Mitchell simon.mitchell@colenso.school.nz</p>	<p>CREDITS: 25 credits 15 Internal and 10 External</p> <hr/> <p>SUBJECT PREREQUISITES: 12 credits or more in NCEA Level 2 English or History. Assessment requires a high standard of written work in the form of paragraphs and essays.</p> <hr/> <p>COURSE INFORMATION: Level 3 History aims to continue on with the skills and knowledge students developed in Level 2 History with a shift in emphasis towards a consideration of historical method and historiography. Students complete an historical research assignment, of their choice, as part of their internal assessment. Students will have the opportunity to gain their 14 UE credits before the end of year exams.</p> <p>FEE COMPONENT: None</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Highly transferable skills which are applicable to many sectors and employment opportunities. Jobs this subject could lead to are archivist, teacher, business, lecturer, journalist, writer or researcher.</p> <hr/> <p>TEACHER CONTACT: Mr Simon Mitchell simon.mitchell@colenso.school.nz</p>

Key: A/S = Achievement Standards
U/S = Unit Standards

SOCIAL SCIENCES cont...

<p>MĀORI TOURISM Level 2 – 3 Friday 4 hours (1/2 Year)</p> <p>MTOUR</p>	<p>BUSINESS STUDIES Level 1 Friday 2 hours (1/2 Year)</p> <p>SBUS</p>	<p>RESEARCH Level 1-3 Friday 2 hours (1/2 Year)</p> <p>GEO</p>
<p>CREDITS: up to 21 credits (all internal) at Level 3 offered</p> <hr/> <p>SUBJECT PREREQUISITES: Completion of a Level 1 NCEA Certificate. Year 11 students can enter this course by negotiation.</p> <hr/> <p>COURSE INFORMATION: The course is based around several Level 3 Māori Tourism Standards which focus on the part Māori Tikanga plays in the NZ Tourism Industry. It will involve visiting some local Māori places significant to this area and look at how the tourism industry shows Māori Culture to international visitors</p> <hr/> <p>FEE COMPONENT: <i>There may be additional costs to cover STAR opportunities associated with this course; ie workshops and trips.</i></p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Further study in Tourism at Level 3 and/or future study at tertiary institutions. This may lead to employment opportunities within the tourism industries or service sectors such as Accommodation, Sales and Marketing and Transportation.</p> <hr/> <p>TEACHER CONTACT: Mr S Mitchell simon.mitchell@colenso.school.nz</p>	<p>CREDITS: up to 15 credits (all internal) at Level 1 are offered</p> <hr/> <p>SUBJECT PREREQUISITES: None</p> <hr/> <p>COURSE INFORMATION: This course introduces students to the basic concepts of economics and explores how demand, supply and the market place influence the allocation of limited resources to meet our needs and wants.</p> <p>There is a strong focus on the process of starting a business, from the concept stage, marketing and roles within a business.</p> <hr/> <p>FEE COMPONENT: None</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Future study at tertiary institutions. This may lead to employment opportunities within the tourism/business industries or service sectors such as Accommodation, Sales and Marketing and Transportation.</p> <hr/> <p>TEACHER CONTACT: Mr S Mitchell simon.mitchell@colenso.school.nz</p>	<p>CREDITS: Between 5-10 internal credits</p> <hr/> <p>SUBJECT PREREQUISITES: None</p> <hr/> <p>COURSE INFORMATION: This course will allow students to undertake an individual or group inquiry on a topic within the Social Sciences. This could be from a History, Geography, Classics, Social Studies or Environmental Studies context. Throughout this course we aim to develop the; skills of inquiry, interpretation, problem-solving, gathering, processing and presenting information. The topics will be chosen by the students and can be drawn from local, national and global events and issues.</p> <hr/> <p>FEE COMPONENT: None</p> <hr/> <p>LINKS TO FUTURE PATHWAYS: Highly transferable skills which are applicable to many sectors and employment opportunities e.g. Law, archivist, teacher, lecturer, business, planner, journalist, writer or researcher.</p> <hr/> <p>TEACHER CONTACT: Mr Simon Mitchell simon.mitchell@colenso.school.nz</p>

Key: A/S = Achievement Standards
 U/S = Unit Standards

GATEWAY/STAR/TRANSITIONS

**NCEA
Levels 1-3
Years 12-13**

GATEWAY PROGRAMME

SUBJECT PREREQUISITES:

Must have evidence of *good attendance, self motivation and ability to work independently*. Minimum NCEA Literacy and Numeracy are required. Acceptance subject to Deans support and an interview with Gateway Coordinator.

COURSE INFORMATION: This course is designed for Year 12/13 students wishing to make links with employers that may lead to apprenticeships or on-the-job training. Assessment is both school and employer based with credits counting towards NCEA and Industry Qualifications. A minimum of 20 credits offered and 10 individual days in the workplace required.

A major goal of this scheme is to get more students into the adult world of 'TRADES' and address the nationwide trade shortages.

Costs: Transport to workplace

Spaces: 20.

If you wish to find out more about Gateway and how you can get involved with this programme please contact: *Mrs Roughan*
helen.roughan@colenso.school.nz

Recruitment for this programme begins at the end of term 3. Information is available via the Tertiary Education Commission Website. www.tec.govt.nz

Key: A/S = Achievement Standards
U/S = Unit Standards

Outdoor Education

“Anything un-attempted remains impossible”

Are you looking for fun, adventure, challenge and want to learn skills in an outdoor classroom? Look no further than Outdoor Education.

Outdoor education is a medium that provides a wide variety of learning opportunities across a range of subject areas. Learn practical skills like kayaking, bush skills and rock climbing, but at the same time develop:

- ✓ Personal Confidence and Growth
- ✓ Developing Trust in yourself and others,
- ✓ Leadership
- ✓ Communication skills
- ✓ Responsibility for yourself and others,
- ✓ Organisation skills
- ✓ Awareness of the environment.

In 2018 we are offering Outdoor Education in both level 1 and level 2 classes on Friday. What this means is we will have class time to prepare for trips away, do local training and complete assessments and we will do our trips away during the week (2-3 days each term).

- Level 3 will be offered as self-directed learning based around modules of learning each term. It will be focused on planning and completing a range of multi day Camps and trips which will be selected by the students. Students will come out of classes for class sessions and the away trips, but will be required to do work in their own time to complete assessments.

Following is an indication of what is on offer in 2018 (Costs are indicative only and will be finalised at the start of the year.)

Level 1

Objectives		Unit Standards				Term	Cost
		Unit #	Description	Level	Credits		
Kayaking	<ul style="list-style-type: none"> Be able to competently paddle on slow moving or sheltered water To be able to self-rescue on sheltered or slow moving water. To competently paddle on grade 1 white-water. To have the opportunity to paddle on grade 2 white-water. 	20818	Demonstrate Kayaking skills on Sheltered or slow moving water	1	2	1	\$115
High Ropes	<ul style="list-style-type: none"> Learn and develop Skills around team building, trust and communication Explore and challenge yourself through a range of mediums Learn about and develop leadership skills. Learn the necessary knowledge and skills for safe participation on the high ropes course. Set and develop goals. 	467	Demonstrate personal and social development through participation in adventure based learning	2	3	1/2	\$60
		470	Demonstrate personal and social development through participation in a low ropes course programme	2	3		
		473	Demonstrate personal and social development through participation in a high ropes course programme	2	3		
Tramping	<ul style="list-style-type: none"> Experience tramping in the New Zealand Bush Develop the skills to Navigate in good visibility To be able to pack appropriately and live out of your pack To be able to camp in tents in the New Zealand bush To identify key risk management processes for tramping in bush environments To be assessed on the above Unit standards 	425	Experience day tramps	2	3	2/3	\$115
		426	Experience camping	2	3		
Rock Climbing	<ul style="list-style-type: none"> Experience rock climbing and abseiling on both indoor and outdoor crags Develop skills and knowledge around knots, climbing techniques, and procedures to competently and safely go top rope climbing and abseiling. To be assessed on the above Unit standards 	20162	Experience and complete abseiling sessions	1	1		\$60
		20210	Experience rock climbing	1	1		
		444	Demonstrate basic rock climbing movement	2	1		
		20167	Demonstrate the use of basic rope systems for top rope rock climbing and abseiling	2	3		

Level 2

Objectives		Unit Standards				Term	Cost
		Unit #	Description	Level	Credits		
Kayaking	<ul style="list-style-type: none"> Be able to competently paddle Grade 2 white-water Be able to identify features on a river and read white-water. To be able to roll a Kayak on sheltered or slow moving water. To have the opportunity to paddle on grade3 white-water. 	201	Demonstrate kayaking skills on Grade II white-water	2	4	1	\$130
		476	Roll a kayak	2	2		
Bush Survival	<ul style="list-style-type: none"> Develop skills and knowledge for surviving in the New Zealand Bush environment Complete a 24hr solo Be able to build and sleep in a Bivvy Be able to interpret a weather map, identify weather patterns specific to New Zealand and recognise life threatening weather changes in the field Cook on a fire 	430	Demonstrate bush survival skills	3	3	3	\$65
		201	Access and compare weather information for outdoor recreation	2	1		
		69					
Tramping	<ul style="list-style-type: none"> Experience tramping in the New Zealand Bush Develop the skills to Navigate in good visibility To develop skill around safe river crossing. To be able to camp in tents in the New Zealand bush To identify key risk management processes for tramping in bush environments 	427	Cross rivers	3	2	2	\$75
		431	Navigate in good visibility on land	2	3		
Rock Climbing	<ul style="list-style-type: none"> Develop skills and knowledge around knots, climbing techniques, and procedures to competently and safely go top rope climbing and abseiling. Develop skills and knowledge to competently and safely go Lead climbing on bolted routes (indoor and outdoor) Be able to interpret a weather map, identify weather patterns specific to New Zealand and recognise life threatening weather changes in the field Apply risk management techniques to the bush environment 	201	Demonstrate rock climbing skills on natural rock	3	5	3	\$150
		60					
Leadership	<ul style="list-style-type: none"> Learn about and develop skills in outdoor leadership Practice and apply leadership in group situations 	246	Demonstrate leadership while participating in an adventure based learning programme	3	3	1	Nil
		63					

Level 3

Objectives		Unit Standards				Term	Cost
		Unit #	Description	Level	Credits		
Kayaking	<ul style="list-style-type: none"> To plan for, participate in and evaluate a self-contained kayaking trip on grade 2 white-water Develop and apply skills to become an independent kayaker on grade 2 white-water. 	20125	Plan for and participate in a multi-day kayaking trip on Grade II white-water	3	3	1	\$150
		20126	Demonstrate independent kayaking skills on grade 2 white-water.	3	6		
Tramping	<ul style="list-style-type: none"> To experience Tramping in the New Zealand Bush environment Be able to interpret a weather map, identify weather patterns specific to New Zealand and recognise life threatening weather changes in the field Develop and apply the knowledge and skills to competently and safety travel in the New Zealand bush for 3 days or more. Apply risk management techniques to the bush environment 	428	Demonstrate on-track tramping skills for multi-night tramping	3	14		\$80
Rock Climbing	<ul style="list-style-type: none"> Develop skills and knowledge around knots, climbing techniques, and procedures to competently and safety go top rope climbing and abseiling. Develop skills and knowledge to competently and safely go Lead climbing on bolted routes (indoor and outdoor) Be able to interpret a weather map, identify weather patterns specific to New Zealand and recognise life threatening weather changes in the field Apply risk management techniques to the bush environment 	20160	Demonstrate rock climbing skills on natural rock	3	5	3	\$150
		20149	Demonstrate lead climbing on bolted rock climbs	3	3		
Applied Outdoor teaching	<ul style="list-style-type: none"> Learn about and develop group facilitation skills Develop adventure learning programs for groups Work with real groups to apply the learning. Learn about risk management theory for the outdoors Apply risk management knowledge to outdoor programs. 	468	Assist in facilitation of an adventure based learning programme for the development of the participants	3	6	2	Nil
		20146	Demonstrate basic risk management for outdoor recreation	3	3	1/2 /3	

- Other modules can be included based on student's interests,

William Colenso College - Senior School Qualifications 2017

Guide to NCEA

The National Certificate in Educational Achievement or NCEA is administered by the New Zealand Qualifications Authority (more commonly known as NZQA).

Students are strongly encouraged to study for NCEA and to take advantage of studying for other National Certificates available in conjunction with NCEA.

These National Certificates have a stronger vocational focus and provide students with valuable skills that will help their employment prospects.

Level 1 National Certificates:

National Certificate in Mathematics

National Certificate in Music

National Certificate in Outdoor Education

National Certificate in Building Construction and Allied Trades

National Certificate in Mechanical Engineering Technology

Level 2 National Certificates:

National Certificate in Computing

National Certificate in Hospitality (Cookery)

National Certificate in Music

National Certificate in Outdoor Education

National Certificate in Sports Coaching

National Certificate in Tourism & Travel

Level 3 Certificate:

National Certificate in Computing

Standards for Assessment

All assessment is measured by standards based assessment. These are statements of what a student needs to do to meet a set standard.

There are two types of standards used in schools:

1. Achievement Standards

- These are used for assessing 'chunks' of most school based curriculum.
- Achievement standards can be either internal or external standards. Internal standards are assessed during the year while external standards are assessed in a formal exam at the end of the year. The results from the external achievement standards are released in January of the following year.
- There are usually around 24 credits in most courses but it can be less or more than this.
- Achievement standards have different Levels of achievement – Achievement, Merit and Excellence.
- Subjects with achievement contribute a higher weighting towards the grade point average for a students results. Excellences and Merits results have a higher grade point value than Achieve.

2. Unit Standards

- These are all internally assessed.
- Unit standard results are at the 'achieve' Level.
- There are usually reassessment opportunities to allow a student to achieve the standard (if it is practicable).
- Unit standard credits count the same as Achievement Standards but carry a lower weighting towards the grade point average.

Year 11 NCEA Level 1 Requirements

- Students must obtain 80 credits at any Level. They can be either Achievement or Unit Standards.
- Of the 80 credits, students must obtain 10 numeracy and 10 literacy credits. Please ask your teacher for this information.
- The remainder of the Level 1 credits can come from anywhere on the qualifications framework.

Year 12 NCEA Level 2 Requirements

- Students must obtain 60 credits at Level 2 or above (given at least 20 credits have been achieved at Level 1) and have gained Level 1 numeracy and literacy
- There are no national compulsory components in NCEA Level 2 but most students study English in order to improve their skill or obtain University Entrance literacy
- Requirements of 10 credits in Level 2 English (5 credits in reading and 5 credits in writing) or Te Reo Māori.
- Most Year 12 students will undertake the majority of their studies at Level 2. It is possible to study at Level 1 (or Year 11) if they wish. These credits may not count towards NCEA Level 2.
- Students can undertake studies in any National Certificate Level 2 course and this will count towards NCEA Level 2.

Year 13 NCEA Level 3 Requirements

- Students need to obtain at least 60 credits at Level 3 or above from anywhere on the qualifications framework (given at least 20 Level 2 credits have already been achieved in Year 12).

University Entrance Requirements

- Students wanting to meet University Entrance requirements should study at least FOUR, preferably FIVE subjects from the approved list of university entrance subjects.
- Students must achieve their Level 3 certificate. In that certificate they must obtain at least 14 credits in three approved university entrance subjects.
- There are other compulsory University Entrance requirements such as at least 14 credits in Mathematics at Level 1 and 10 credits at Level 2 University Entrance literacy (5 in reading and 5 in writing). This can be gained in English or Te Reo Māori or other Achievement Standards (ask your Subject Teacher or Dean).
- Students can enter for a Scholarship in a limited range of University Entrance subjects. A scholarship exam will be a test of a student's ability to synthesise and integrate concepts. Students can enter individual subject scholarship exams and these are on top of the normal end of year Level 3 exams (or an extra portfolio in the case of art subjects). A scholarship can be awarded at the 'achieve' Level and the 'outstanding' Level.

Certificate Endorsement

If you gain 50 credits at Excellence, your NCEA will be endorsed with Excellence. Likewise, if you gain 50 credits at Merit (or Merit and Excellence) your NCEA will be endorsed with Merit.

Course Endorsement

If, in a single year, you gain 14 or more credits at Merit and/or Excellence for a course, you will gain endorsement in that course. At least 3 credits must be externally assessed and 3 must be internal.

GENERAL GUIDE TO EMPLOYMENT AND TRAINING

Career Area	Minimum Recommendation or Requirements
Agriculture/Horticulture	Science @ L1 is useful and Horticulture/Ag/Maths/Eng
Apprenticeships (Trades) e.g. building, plumbing, automotive	English, Mathematics, Science or a Technology, Engineering, Senior Construction subject @ L1
Apprenticeships (Electrical)	ETCO has compulsory requirements set as a minimum of 12 credits in each of English, Mathematics and Science. L2 is preferred.
Commerce (Banking / Insurance...)	English and Mathematics @ L2, IT skills essential, Economics, Accounting useful
Computing / IT (PC Engineer)	English and Mathematics @ L2 recommended to gain entry into a Diploma PC Engineering Computer Studies useful
Chef/Hospitality	Maths and English, Food and Nutrition, Hospitality, Tourism Experience in industry is helpful
Fitness Instructor/Outdoor Education	L2 English, Maths and at least one Science and Physical studies minimum
Hairdressing/Beautician	Maths and English and a Science @ L1
Office Administration	English @ L2, Mathematics useful, IT skills essential
Police/Armed Forces	L2 English, Maths minimum Science @ minimum of L2 if going to armed forces as Officer or Engineer. Aptitude Test required, Drivers License and a clean record also required
Retail / Sales	English and Mathematics @ L1, IT skills important
Travel and Tourism	L2/3 English, Maths, Geography, Tourism

Armed Forces (Air Force, Army, Navy)

The Armed Forces provide many opportunities for apprenticeships and on job training. The minimum age for entry is 17 years and applicants are required to pass a Medical Assessment, Physical Fitness Test and Aptitude Test. The school has copies of the maths, and literacy tests for ALL OF THE ARMED FORCES. We also are in contact with the recruitment offices and can support you through the application process.

Eligibility criteria:	<ul style="list-style-type: none"> > Be a minimum of 17 years of age > Have completed at least three years of secondary school > Be a New Zealand citizen or have permanent residency and have lived in New Zealand for five years 	<ul style="list-style-type: none"> > Be medically fit for service > Of good character – assessed by study of testimonials and a police records check > Be free of any criminal convictions for previous two years
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GENERAL SUMMARY OF ENTRY INTO THE ARMED FORCES

Air Force, Army, Navy	Recommendations or Requirements
Support Roles	English, Mathematics, Science @ L1
Most Apprenticeships	English, Mathematics and Science or a Technology subject @ L1
Engineering Apprenticeships	English, Mathematics and a Science subject @ L2
Officer & Specialist Roles	English, Mathematics, and a Science Subject @ L2
Undergraduate Scheme	University Entrance @ L3
Further details on career areas and entry criteria can be found on the Armed Forces websites www.airforce.mil.nz www.army.mil.nz www.navy.mil.nz	

Subject Guide for Tertiary Study

This is only a general guide for study areas where a background in certain school subjects is strongly recommended. There are many other study areas that do not require any particular subjects. Remember all subjects are useful for knowledge and skills. Only a very small number of university courses have compulsory requirements. These tend to be science related courses. Refer to the pages that follow on Limited Entry Courses.
E.L.R. = subjects rich in English language (English and subjects from the Social Sciences)

RECOMMENDED SUBJECTS – TERTIARY STUDY			
STUDY AREAS	YEAR 11 SUBJECTS	YEAR 12 SUBJECTS	YEAR 13 SUBJECTS
Architecture	Visual Art or Graphics, Mathematics, Science, English	Design and /or Visual Art or Graphics, Mathematics, English	Design and or Painting or Graphics One ELR subject
Business (degree Level study)	Mathematics, Business studies, English, Accounting	Mathematics, English, Economics, Business Studies, Accounting	Mathematics (Statistics or Calculus) English, Business Studies, Accounting
Law	English, Mathematics	English, Mathematics	Minimum – one ELR subject
Engineering	Mathematics, Science, English, Applied Graphics, Engineering	Mathematics, Physics, Chemistry, English, Graphics, Engineering,	Maths with Calculus, Physics, Chemistry, Engineering, Graphics
Biological Sciences	Mathematics, Science, Health, English, Physical Studies	Biology, Chemistry, Mathematics, English, Health, Physical Studies	Biology, Chemistry, Maths with Statistics (or Calculus), English, Physical Studies
Health Sciences (<i>Dentistry, Medicine, Medical Science, Physiotherapy, Pharmacy</i>)	Mathematics, Science, English, Health, Physical Studies	Mathematics <i>Minimum two out of the three sciences;</i> Biology, Chemistry, Physics, Health, Physical Studies	Maths with Statistics (or Calculus) <i>Minimum two out of the three sciences;</i> Biology, Chemistry, Physics, Physical Studies One ELR subject
Health Science (<i>Nursing, Occupational Therapy</i>)	Mathematics, Science English, Health, Physical Studies	Mathematics (<i>optional</i>) <i>Minimum of one of the sciences:</i> Biology, Chemistry, Physics, English, Health, Physical Studies	<i>Minimum of one of the following:</i> Biology, Chemistry, Physics, Science, Mathematics, Physical Studies <i>Plus</i> One ELR subject
Technology/Physical Sciences	Mathematics, Science, English, Technology	Mathematics, Physics, Chemistry, English, Technology	Maths with Calculus, Physics, Chemistry, English, technology
Veterinary Science	Science, Mathematics, English	Mathematics, Biology, Chemistry, Physics, English	Maths with Statistics (or Calculus), Biology, Chemistry, Physics

The website www.careers.govt.nz is a useful resource for exploring and gathering careers information

Entry into Tertiary Study

To gain entry into courses at Universities, Technical Institutes and Private Training Organisations students may need to achieve a number of credits over a specific range of subjects. This depends on area wanting to be studied. The following table gives a general indication of the current entry requirements for tertiary courses. **It is essential that you check out the exact requirements for any course that you may be interested in.** Assistance is available from staff in the Guidance/Careers Department during lunchtimes and appointments can be made with the Career Advisors through Miss Robertson if you need assistance with your decisions.

GENERAL OVERVIEW OF TERTIARY ENTRY REQUIREMENTS		
TERTIARY COURSE	LITERACY AND NUMERACY	NCEA REQUIREMENTS
CERTIFICATE	Literacy (may be required) 10 credits in English at Level 1 <ul style="list-style-type: none"> - 4 credits in Reading - 4 credits in Writing 	<ul style="list-style-type: none"> - Completed 3 or 4 years secondary schooling - Some courses require NCEA Level 1 or a number of Level 2 credits
DIPLOMA	Literacy 10 credits in English at Level 2 <ul style="list-style-type: none"> - 5 credits in Reading - 5 credits in Writing (AUT accepts other English Language rich subjects for some Diplomas)	<ul style="list-style-type: none"> - Minimum of 48 credits at Level 2 (or higher) over four subjects - Generally, no particular subject requirements – few exceptions
DEGREE Open Entry	Literacy 10 credits in English or Te Reo Māori at Level 2 or higher including: <ul style="list-style-type: none"> - 5 credits in Reading - 5 credits in Writing Numeracy 14 credits in Mathematics at Level 1 or higher	Common Entrance Standard is the minimum requirement for degree entry. Details of Level 3 credits/subjects and requirements for Common Entrance Standard are outlined on the following page.
DEGREE Limited Entry	Literacy and Numeracy Same as for Common Entrance Standard	Limited Entry applies to degree courses where numbers are restricted. Higher requirements are set and are in addition to achieving Common Entrance Standard.

CORRESPONDENCE SCHOOL COURSES FOR YEARS 11 - 13

There may be times when senior students will need to study a subject through the Correspondence School. In most instances this is because:

- Too few students choose a subject to justify a course being run.
- The subject has been offered but no subject teacher is available.
- You have transferred schools and the subject previously taken is not offered.

If you have difficulties with subject availability, you should consult your Dean in the first instance.

Correspondence study is demanding and requires students to be able to work independently and to self-manage their learning. Correspondence School is usually viewed as being a viable option if students are highly motivated and willing to work outside of school time regularly.

In order to obtain the benefits from this type of study, students must:

- Have parental permission and sign a contract that outlines the expectations and requirements of this type of study.
- Agree to arrange liaison with the Correspondence School tutor and the school Correspondence co-ordinator.
- Justify why they need to study this subject by correspondence.
- Meet all the deadlines for submitting work and completing required assessments in order to keep their place at the Correspondence School.

Generally speaking, students need to allocate the following number of hours in and out of school time for each Correspondence School subject:

- NCEA Level 1: at least 5 hours per week.
- NCEA Level 2: at least 6-7 hours per week.
- NCEA Level 3: at least 7 hours per week.

To experience success studying via correspondence you need to be highly self-motivated with a desire to take control of your learning. **The support of your family is an integral part of this success**

NB: An application for enrolment needs to be on the recommendation of your Dean.

Subjects available include:

- Accounting
- Agriculture
- Economics
- Fashion design
- Geography
- Legal studies L2 and L3
- Many languages