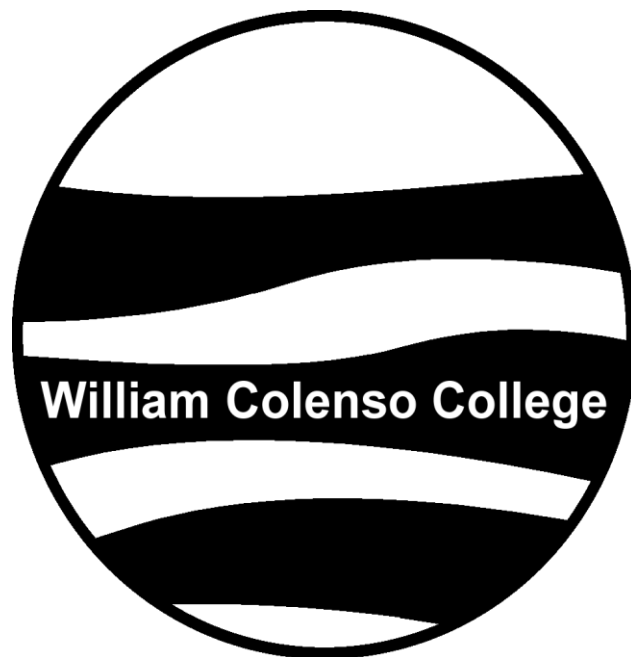


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# **Subject Selection Booklet**

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**2017**



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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?

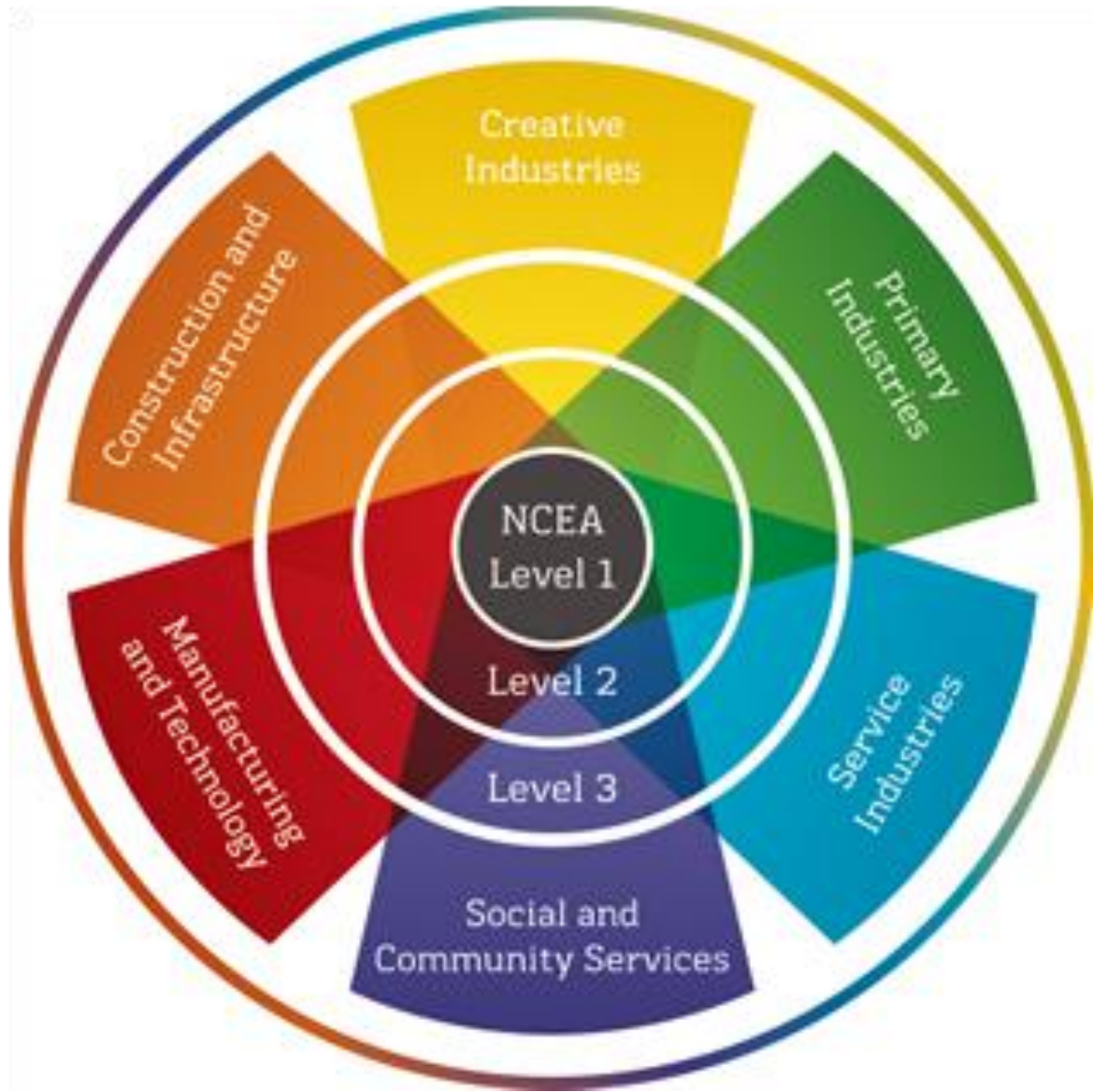
What subjects do I enjoy?

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
<b>English</b>	English	English Enrichment English (F)	Advanced English Up Grade English (Achievement Stds) Communication English Film Studies (F)	Advanced English University Entrance English English Multi Level 1 - 3 Media Studies	Advanced English  English Multi Level 1 - 3 Media Studies
<b>ESOL</b>	ESOL	ESOL	ESOL	ESOL	ESOL
<b>Maths</b>	Maths	Maths	Advanced Maths Maths	Advanced Maths Maths with Statistics (F) Life In Real World Module	Maths with Statistics Maths with Calculus
<b>Science</b>	Science	Science Horticulture (F)	Advanced Science Pathways Science Biology (F) Primary Industries	Chemistry Biology Physics Primary Industries	Chemistry Health Sciences (F) Physics Primary Industries
<b>Visual Arts</b>	Art	Art	Art Digital Art (F)	Painting Design (F) Photography Maori Art	Painting/Printmaking Design(F) Photography
<b>Performing Arts</b>	Music Drama Dance	Music Drama Dance Stage Craft (F)	Sonic Art  Dance Stage Craft (F)	Sonic Art  Dance Stage Craft (F)	Sonic Art  Dance Stage Craft (F)
<b>Hospitality</b>	Food	Food Food Technology (F)	Hospitality	Principles of Cookery Barista Module Marae Catering (F)	Catering Academy (F)
<b>Technology</b>	Hard Materials Soft Materials ICT Movie Making ICT	Hard Materials Soft Materials	Trades 1 Soft Materials Technology Soft Materials Academy(F)	Trades 2 Soft Materials Technology  Mechanical Engineering (F)	Trades 3 Soft Materials Technology
<b>Languages</b>	Te Reo Maori	Te Reo Maori	Te Reo Maori	Te Reo Maori	Te Reo Maori
<b>PE/Health</b>	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
<b>Outdoor Education</b>			Outdoor Education	Outdoor Education	Outdoor Education
<b>Social Sciences</b>	Social Studies	Social Studies Business Studies (F)	History/ Geography Business Studies (F)	History/Geography Senior Tourism Maori Tourism (F)	History Research (F) Senior Tourism Maori Tourism (F)
<b>Trades Academy</b>				Selection of courses at EIT (Full Day course)	
<b>Gateway</b>				Selection of workplaces (Full Day)	
<b>University Papers</b>					Above Level 3
<b>Correspondence</b>	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](http://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;"><b>ENGLISH</b> <b>Level 1 Advanced</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p style="text-align: center;"><b>L1ENG</b></p>	<p style="text-align: center;"><b>ENGLISH</b> <b>Level 1 UPGRADE</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p style="text-align: center;"><b>L1UP1/L1UP2</b></p>	<p style="text-align: center;"><b>ENGLISH</b> <b>Level 1</b> <b>Communications</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p style="text-align: center;"><b>L1COMM</b></p>	<p style="text-align: center;"><b>MEDIA STUDIES</b> <b>Level 1</b> <b>4 hours</b> <b>(1/2 Year)</b> <b>(Friday)</b></p> <p style="text-align: center;"><b>L1MED</b></p>
<p><b>CREDITS:</b> 24 English credits constitutes a pass in Level 1 English.</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> 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 <b>MUST BE READERS.</b></p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> Nil</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Any University course, e.g. Journalism, Law, Sciences, Teaching, Architecture, Medicine, Management, Commerce, Philosophy, History, Social Sciences etc.</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Peter Fry</b> <a href="mailto:peter.fry@colenso.school.nz">peter.fry@colenso.school.nz</a></p>	<p><b>CREDITS:</b> Possible 11 Level 1 English credits (can accumulate evidence towards passing the 10 Functional Literacy credits).</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Completion of Y10 English course or for students with only Unit Standards/Functional Literacy credits from the previous year.</p> <hr/> <p><b>COURSE INFORMATION:</b> This course caters for students who do not intend to study Level 2 Academic English but who may wish to 'upgrade' their L1 Certificate by gaining Literacy through <b>Achievement Standards</b>. Opens up a Pathway for L2 Certificates and/or University.</p> <p>Activities involve reading and writing, listening and speaking, and watching and presenting.</p> <p>The course will be theme-based and built upon three (negotiated) core L1 English Standards:</p> <p>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><b>FEE COMPONENT:</b> Nil</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Non academic</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Peter Fry</b> <a href="mailto:peter.fry@colenso.school.nz">peter.fry@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 10 Level 1 Communications credits plus 10 Functional Literacy credits.</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Completion of Y10 English course.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> Nil</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS</b> <b>Functional Literacy</b></p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Peter Fry</b> <a href="mailto:peter.fry@colenso.school.nz">peter.fry@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 15-20 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Yr 10 Film (option) would be an advantage.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> \$20.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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><b>TEACHER CONTACT:</b> <b>Mrs Louise Macfarlane</b> <a href="mailto:louise.macfarlane@colenso.school">louise.macfarlane@colenso.school</a></p>

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



# ENGLISH & MEDIA cont...

<p style="text-align: center;"><b>ENGLISH</b> <b>Level 2</b> <b>Advanced</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>L2ENG</b></p>	<p style="text-align: center;"><b>ENGLISH</b> <b>Level 2</b> <b>University</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>L2UENG</b></p>	<p style="text-align: center;"><b>MEDIA STUDIES</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>L2MED</b></p>	<p style="text-align: center;"><b>ESOL</b> <b>Level 1 – 3</b> <b>(Mon-Thurs)</b> <b>ESOL1/ESOL2</b></p>
<p><b>CREDITS:</b> 24 English credits offered which constitutes a pass in Level 2 English</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> 18-24 Credits in Level 1 English; enrollees 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><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> Nil</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Any University course, e.g. Journalism, Law, Sciences, Teaching, Architecture, Medicine, Management, Commerce, Philosophy, History, Social Sciences etc.</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Peter Fry</b> <a href="mailto:peter.fry@colenso.school.nz">peter.fry@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 14 English credits which enable students to acquire the Level 2 University Entrance (UE) Literacy requirement.</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Students will need to be proficient readers and writers. To indicate these proficiencies, it is likely you will have 12 or more Level 1 English (i.e. not Functional Literacy) credits. Amongst those, you will probably have passed 1.4 Creative Writing, 1.5 Formal Writing, 1.10 Personal Responses and/or a variety of exam Standards/close reading Standards. Each application to enter this class will be judged on its merits.</p> <hr/> <p><b>COURSE INFORMATION:</b> The purpose of this course is to offer sufficient Level 2 English credits for students to gain the required UE Literacy credits (i.e. 5 L2 Reading credits &amp; 5 L2 Writing credits).</p> <p>Students should aim to accrue all credits on offer.</p> <hr/> <p><b>FEE COMPONENT :</b> Nil</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Any University course, e.g. Journalism, Law, Sciences, Teaching, Architecture, Medicine, Management, Commerce, Philosophy, History, Social Sciences etc.</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Peter Fry</b> <a href="mailto:peter.fry@colenso.school.nz">peter.fry@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 20 AS plus University Approved credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Completed Level 1 English with at least 10 credits and/or through the recommendation of the Media teacher.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> \$20 includes a DVD, photocopying and scrapbook <b>There may be additional costs to cover STAR opportunities associated with this course; ie workshops and trips.</b></p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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><b>TEACHER CONTACT:</b> <b>Mrs Louise Macfarlane</b> <a href="mailto:louise.macfarlane@colenso.school.nz">louise.macfarlane@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 24 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Non-English Speaking Background students and International students.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> \$20 photocopying</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> English Language</p> <hr/> <p><b>TEACHER CONTACT:</b> Maira Terry <a href="mailto:maira.terry@colenso.school.nz">maira.terry@colenso.school.nz</a></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'.

**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 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.

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](mailto: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](mailto:louise.macfarlane@colenso.school.nz)

## ENGLISH Multi-Level (Full Year) (Mon-Thurs) SENG

**CREDITS:** Determined by the student's need and desires. Offers Level 1. Level 2 and (limited number of) Level 3 English and Communications credits.

**SUBJECT PREREQUISITES:** Completion of L1 English course or a multi-Levelled Senior English course the previous year. This course is **not for** students wishing to upgrade their Level 1 Literacy credits from Unit Standards to Achievement Standards. This course is **not for** students who have few Level 1 Literacy credits.

### COURSE INFORMATION:

This course is not for students wishing to gain their Level 2 UE credits. They need to take either L2 UE English or L2 Academic English to gain those. This course caters for students who do not intend to go on to study either Level 2 Academic English and/or Level 3 Academic English. However, the course is designed to help students complete the accumulation of their Level 1 English credits and/or assist students to gain some Level 2 English credits.

Activities involve reading and writing, listening and speaking, and watching and presenting.

**FEE COMPONENT:** Nil

### LINKS TO FUTURE PATHWAYS:

Scientist, Agriculture, Health, Teaching, Sports, Design.

### TEACHER CONTACT:

Mr Peter Fry  
[peter.fry@colenso.school.nz](mailto:peter.fry@colenso.school.nz)

# MATHEMATICS

<p><b>MATHEMATICS ADVANCED</b> Level 1 (Full Year) (Mon-Thurs)</p> <p><b>L1MATA</b></p>	<p><b>MATHS</b> Level 1 (Full Year) (Mon-Thurs)</p> <p><b>L1MAT</b></p>	<p><b>MATHEMATICS ADVANCED</b> Level 2 (Full Year) (Mon-Thurs)</p> <p><b>L2MAT</b></p>	<p><b>MATHEMATICS WITH STATISTICS</b> Level 2 2 hours (1/2 Year) (Friday)</p> <p><b>L2STATS</b></p>
<p><b>CREDITS OFFERED:</b> 22 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Students are placed in this course by their teacher.</p> <hr/> <p><b>COURSE INFORMATION:</b> This course builds on the skills covered in Y10 mathematics. It is the full academic course with a significant external assessment load.</p> <p><b>FEE COMPONENT:</b> There is no compulsory fee. However, all students must have a scientific calculator.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Level 2 advanced mathematics. Engineering, medicine, optometry, pharmacy, science, economics, banking, accounting.</p> <hr/> <p><b>TEACHER CONTACT:</b> Mrs Kirstin Glass <a href="mailto:kirstin.glass@colenso.school.nz">kirstin.glass@colenso.school.nz</a></p>	<p><b>CREDITS OFFERED:</b> 19 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Students are placed in this course by their teacher.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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. <b>FEE COMPONENT:</b> None</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> All general careers and polytechnics.</p> <hr/> <p><b>TEACHER CONTACT:</b> Miss Alice Drake <a href="mailto:alice.drake@colesno.school.nz">alice.drake@colesno.school.nz</a></p>	<p><b>CREDITS OFFERED:</b> 20 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> 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><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> \$20 fee for the hiring of a graphics calculator.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Level 3 calculus and statistics, engineering, medicine, optometry, pharmacist, science, economics, banking, accounting.</p> <hr/> <p><b>TEACHER CONTACT:</b> Miss Alice Drake <a href="mailto:alice.drake@colesno.school.nz">alice.drake@colesno.school.nz</a></p>	<p><b>CREDITS OFFERED:</b> 8 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Admission to this class is subject to approval by their teacher.</p> <hr/> <p><b>COURSE INFORMATION:</b> This half year course is varied and provides a taste of different pathways. It includes statistical investigations, geometry and networks.</p> <hr/> <p><b>FEE COMPONENT:</b> None</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Economics, banking, accounting, science, optometry, pharmacy</p> <hr/> <p><b>TEACHER CONTACT:</b> Mrs Kirstin Glass <a href="mailto:kirstin.glass@colenso.school.nz">kirstin.glass@colenso.school.nz</a></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](mailto: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](mailto:kirstin.glass@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](mailto: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](mailto: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:

**Mrs S Freeman**

[sue.freeman@colenso.school.nz](mailto:sue.freeman@colenso.school.nz)

## PRIMARY INDUSTRIES

**Level 1**  
**(Full Year)**  
**(Mon-Thurs)**  
**L1PRIM**

**CREDITS:** 30 plus credits

### SUBJECT PREREQUISITES:

Preferably have studied Horticulture and /or Science in Year 10, have a genuine interest in the Primary Industries pathway.

### COURSE INFORMATION:

A practical based course working towards the Horticulture Industry Training Organisation Level 1 Certificate in Horticulture (40 credits required). To complete Level 1 Certificate, students will probably need to do Horticulture in Year 12, and then move into Level 2 course work for the rest of the year. Skills include: Practical Garden Work, Plant Propagation, Soils and Garden Maintenance.

### 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, and Level 2 Certificate in Horticulture, a stepping stone into tertiary study in Primary Industry courses

### TEACHER CONTACT:

**Ms Pat Bren**

[pat.bren@colenso.school.nz](mailto:pat.bren@colenso.school.nz)

# SCIENCES cont...

<p style="text-align: center;"><b>CHEMISTRY</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>L2CHEM</b></p>	<p style="text-align: center;"><b>BIOLOGY</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>L2BIO</b></p>	<p style="text-align: center;"><b>PHYSICS</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>L2PHYS</b></p>	<p style="text-align: center;"><b>HORTICULTURE</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>SPRIM</b></p>
<p><b>CREDITS:</b> 24 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> 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><b>COURSE INFORMATION:</b> Explores 7 Chemistry topics. Theory and practical.</p> <hr/> <p><b>FEE COMPONENT:</b> \$35.00 includes a workbook &amp; photocopying</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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><b>TEACHER CONTACT:</b> <b>Ms Denise Brown</b> <a href="mailto:denise.brown@colenso.school.nz">denise.brown@colenso.school.nz</a></p>	<p><b>CREDITS:</b> US/AS 24</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> 8 Level One Science.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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 Hardinge 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><b>FEE COMPONENT:</b> None</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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><b>TEACHER CONTACT:</b> <b>Mrs S Freeman</b> <a href="mailto:sue.freeman@colenso.school.nz">sue.freeman@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 24 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Passes in Level 1 external science credits and 8 Level 1 external mathematics credits. Preferably in algebra.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> Option for students to purchase a workbook or study notes at the current price.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Level 3 physics, engineering, medicine, optometry, pharmacist, scientist, economics, banking accounting.</p> <hr/> <p><b>TEACHER CONTACT:</b> <a href="mailto:fiona.craven@colenso.school.nz">fiona.craven@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 40 plus credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Preferably have studied Horticulture in Year 11 or be very keen and hardworking, and have a keen interest in Primary Industries pathway.</p> <hr/> <p><b>COURSE INFORMATION:</b> A practical based course working towards the Horticulture Industry Training Organisation Level 2 in Horticulture (40 credits required). Skills include: Plant Propagation, Plant, Soil and Fertiliser knowledge and Practical Garden Maintenance. This course will need to be a 2 year course for completion of the 40 credits required. In the second year some Level 3 unit standards will be available to students.</p> <p><b>FEE COMPONENT:</b> Course consumables (There is a possibility of taking home items grown if fee is paid) Total: \$30.00.</p> <div style="border: 1px solid black; padding: 5px; margin: 10px 0;"> <p><i>There may be additional costs to cover STAR opportunities associated with this course; ie workshops and trips.</i></p> </div> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> A huge variety of Horticulture career pathways, and Level 3 and above certificates in Horticulture, and cadetships or other Land based training schemes. Also a stepping stone to tertiary study in Horticulture.</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Ms Pat Bren</b> <a href="mailto:pat.bren@colenso.school.nz">pat.bren@colenso.school.nz</a></p>

# SCIENCES cont...

<p><b>LIFE IN THE REAL WORLD</b>  <b>Level 2</b>  <b>(1/2 Year)</b>  <b>(Mon-Thurs)</b>  <b>L2SIRW</b></p>	<p><b>CHEMISTRY</b>  <b>Level 3</b>  <b>(Full Year)</b>  <b>(Mon-Thurs)</b>  <b>L3CHEM</b></p>	<p><b>PHYSICS</b>  <b>Level 3</b>  <b>(Full Year)</b>  <b>(Mon-Thurs)</b>  <b>L3PHYS</b></p>	<p><b>HEALTH SCIENCES</b>  <b>Level 3</b>  <b>(Full Year)</b>  <b>(Friday)</b>  <b>L3HSCI</b></p>
<p><b>CREDITS:</b> 12 credits</p> <hr/> <p><b>SUBJECT REQUISITES:</b>            Enthusiasm and a positive attitude.</p> <hr/> <p><b>COURSE INFORMATION:</b>            This subject offers basic skills for the world outside school.</p> <ul style="list-style-type: none"> <li>• Independent living</li> <li>• Making a major purchase</li> <li>• Crime and its consequences</li> <li>• Budgeting</li> </ul> <hr/> <p><b>FEE COMPONENT:</b> Nil</p> <hr/> <p><b>TEACHER CONTACT:</b>  <b>Mrs Sue Freeman</b>  <a href="mailto:sue.freeman@colenso.school.nz">sue.freeman@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 20 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b>            Completed Level 2 Chemistry with at least 12 credits including some externals and/or through recommendation of chemistry teacher.</p> <hr/> <p><b>COURSE INFORMATION:</b>            Continues the topics from Level 2 with in depth studies plus aqueous chemistry all A/S.</p> <hr/> <p><b>FEE COMPONENT:</b> \$35.00 includes a workbook and photocopying.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b>            It leads to various medical careers. Physical education and nursing, lab work and engineering.</p> <p><i>* This is an Approved University Entrance Subject</i></p> <hr/> <p><b>TEACHER CONTACT:</b>  <b>Ms Denise Brown</b>  <a href="mailto:denise.brown@colenso.school.nz">denise.brown@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 24 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b>            Completed Level 2 physics and Level 2 advanced mathematics.</p> <hr/> <p><b>COURSE INFORMATION:</b>            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.</p> <hr/> <p><b>FEE COMPONENT:</b> Option for students to purchase a workbook or study notes at the current price.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b>            University physics, engineering, medicine, optometry, pharmacist, scientist, economics, banking, accounting.</p> <p><i>* This is an Approved University Entrance Subject</i></p> <hr/> <p><b>TEACHER CONTACT:</b>  <a href="mailto:fiona.craven@colenso.school.nz">fiona.craven@colenso.school.nz</a></p>	<p><b>CREDITS:</b> Offers up to 24 A/S</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b>            Good level of literacy – keen interest in health issues in New Zealand.</p> <hr/> <p><b>COURSE INFORMATION:</b>            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.</p> <hr/> <p><b>FEE COMPONENT:</b>            None but there are trips to Hawkes Bay Hospital and The National Aquarium which involve a minimal cost (less than \$10)</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b>            University Entrance, Any Health Sciences Worker, Veterinary nurse, Farmer, Ranger, DOC worker, Dietician, Brewer, Health Promoter, Fitness Instructor.</p> <p><i>* This is an Approved University Entrance Subject</i></p> <hr/> <p><b>TEACHER CONTACT:</b>  <a href="mailto:fiona.craven@colenso.school.nz">fiona.craven@colenso.school.nz</a></p>

# VISUAL ARTS

<p style="text-align: center;"><b>ART</b> <b>Level 1</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p style="text-align: center;"><b>L1ART</b></p>	<p style="text-align: center;"><b>DIGITAL ART</b> <b>Level 1</b> <b>(1/2 Year)</b> <b>2 hours</b> <b>(Friday)</b></p> <p style="text-align: center;"><b>L1DART</b></p>	<p style="text-align: center;"><b>PAINTING</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p style="text-align: center;"><b>L2ART</b></p>	<p style="text-align: center;"><b>MAORI ART</b> <b>Level 2</b> <b>(1/2 Year)</b> <b>2 hours</b> <b>(Friday)</b></p> <p style="text-align: center;"><b>MAOART</b></p>
<p><b>CREDITS:</b> A/S 20 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Art at Year 10 preferable</p> <hr/> <p><b>COURSE INFORMATION:</b> 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.</p> <p><b>FEE COMPONENT:</b> Course fees are \$50.00 which covers the cost of art materials and boards for the end of year portfolio.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> The course is a pre-requisite for Level 2 Art and preferable for Level 2 Design and/or Photography.</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Ms Laura Jackson</b> <a href="mailto:laura.jackson@colenso.school.nz">laura.jackson@colenso.school.nz</a></p>	<p><b>CREDITS:</b> A/S 8 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Year 10 art preferable but not essential.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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</p> <p><b>FEE COMPONENT:</b> Course Costs: \$30 Printing costs and clearfile.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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, design and digital photography.</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Ms Laura Jackson</b> <a href="mailto:laura.jackson@colenso.school.nz">laura.jackson@colenso.school.nz</a></p>	<p><b>CREDITS:</b> A/S 20 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> 12 credits in Level 1 Art</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> The course fee is \$50 for which students are supplied with art materials to use and folio and exam boards at the end of the year.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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><b>TEACHER CONTACT:</b> <b>Ms Laura Jackson</b> <a href="mailto:laura.jackson@colenso.school.nz">laura.jackson@colenso.school.nz</a></p>	<p><b>CREDITS:</b></p> <hr/> <p><b>SUBJECT PRE REQUISITES:</b> None</p> <hr/> <p><b>COURSE INFORMATION:</b> Students will have the opportunity to develop skills in a range of Maori Art forms. The range could include Maori paintings, harakeke (flax), tukutuku and korowai making.</p> <p><b>FEE COMPONENT:</b> \$50</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Primary, Secondary and Tertiary Teaching, Artist, retail, Micro-business, entrepreneur. Service Industries, Social and Community Services, Creative Industries.</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mrs Henrietta Hillman</b> <a href="mailto:henrietta.hillman@colenso.school.nz">henrietta.hillman@colenso.school.nz</a></p>

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



# VISUAL ARTS cont...

<p><b>DESIGN</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Friday)</b></p> <p><b>L2DES</b></p>	<p><b>PHOTOGRAPHY</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p><b>L2PHOT</b></p>	<p><b>PAINTING/ PRINTMAKING</b> <b>Level 3</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p><b>L3ART</b></p>	<p><b>DESIGN</b> <b>Level 3</b> <b>(Full Year)</b> <b>(Friday)</b></p> <p><b>L3DES</b></p>
<p><b>CREDITS:</b> A/S 24 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> 12 credits in Level 1 art.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> The course fee is \$100 which covers printing costs.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Level 3 course, tertiary study, web design, advertising, illustration.</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Ms Laura Jackson</b> <a href="mailto:laura.jackson@colenso.school.nz">laura.jackson@colenso.school.nz</a></p>	<p><b>CREDITS:</b> A/S 24 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> 16 credits in Level 1 art preferable.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> The course fee is \$100 which covers printing costs.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Professional photographer, journalism, film artist.</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Ms Laura Jackson</b> <a href="mailto:laura.jackson@colenso.school.nz">laura.jackson@colenso.school.nz</a></p>	<p><b>CREDITS:</b> A/S 22 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> 16 credits in Level 2 art.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> The course fee is \$50 for which students are provided with art supplies and end of year folio boards.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Artist, set designer, visual merchandiser.</p> <p><i>*This is an Approved University Entrance subject.</i></p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Ms Laura Jackson</b> <a href="mailto:laura.jackson@colenso.school.nz">laura.jackson@colenso.school.nz</a></p>	<p><b>CREDITS:</b> A/S 22 credits</p> <hr/> <p><b>SUB PRE REQUISITE:</b> 12 credits in Level 2 design or at the discretion of the teacher in charge.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> There is a \$100 course fee which covers printing costs.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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><b>TEACHER CONTACT:</b> <b>Ms Laura Jackson</b> <a href="mailto:laura.jackson@colenso.school.nz">laura.jackson@colenso.school.nz</a></p>

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

# VISUAL ARTS cont...

## DIGITAL PHOTOGRAPHY

Level 3  
(Full Year)  
(Mon-Thurs)  
L3PHOT

**CREDITS:** 22 credits

**SUBJECT PREREQUISITES:** 12 credits in Level 2 photography or at the discretion of the teacher in charge.

### **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.

### **LINKS TO FUTURE PATHWAYS:**

Art administrator, artist, craftsperson, armed service Photographer, wedding photographer, journalism, film, digital media.

*\*This is an Approved University Entrance subject.*

### **TEACHER CONTACT:**

**Ms Laura Jackson**

[laura.jackson@colenso.school.nz](mailto:laura.jackson@colenso.school.nz)

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

# PERFORMING ARTS

<p style="text-align: center;"><b>SONIC ART</b> <b>Year 10/L1</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p style="text-align: center;"><b>L1MUS</b></p>	<p style="text-align: center;"><b>SONIC ART</b> <b>Level 2 and 3</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p style="text-align: center;"><b>SMUS</b></p>	<p style="text-align: center;"><b>VOCAL ZONE</b> <b>Y10-13</b> <b>NCEA L1-3</b> <b>(Full Year)</b> <b>(Friday, 2 hours)</b></p>	<p style="text-align: center;"><b>BAND ON THE RUN</b> <b>Y10-13</b> <b>NCEA L1-3</b> <b>(Full Year)</b> <b>(Friday, 2 hours)</b></p>
<p><b>CREDITS:</b> 18-24 credits</p> <hr/> <p><b>COURSE INFORMATION:</b> A practical based course that incorporates music making with sound production &amp; technology. Students will:</p> <ul style="list-style-type: none"> <li>• Present solo &amp; group performances</li> <li>• Operate a PA system for a performance purpose</li> <li>• Learn about the Science of Sound</li> <li>• Use Music Technology to create music</li> </ul> <p>NB: There will still be an element of Music theory (written) work involved in order to meet the achievement criteria of each standard. This course encourages independent <u>AND</u> group learning activities – <u>FULL COMMITMENT</u> is expected as your own and your peers' achievement may rely on you.</p> <p><b>PREREQUISITES:</b> equivalent of 3 years group itinerant music tuition on chosen performance instrument (or HOD Approval, following an audition)</p> <p><b>FEE COMPONENT: \$30.00</b> This fee covers a range of costs including (but not limited to): photocopying, instrument/equipment maintenance, APRA licence, printing and stationery</p> <p><b>LINKS TO FUTURE PATHWAYS:</b> Sonic Arts 201/301; Tertiary pathways, University Entrance approved subject, Vocational Pathways – Creative Industries * Year 10 Students may enrol in this course as there is no Year 10 Music course offered in 2016. 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><b>TEACHER CONTACT: TBA</b></p>	<p><b>CREDITS:</b> Level 2 – 25 credits Level 3 – 30 credits</p> <hr/> <p><b>COURSE INFORMATION:</b> A practical based course that incorporates music making with sound production &amp; technology. Students will:</p> <ul style="list-style-type: none"> <li>• Present solo &amp; group performances</li> <li>• Operate a PA system for performance purposes</li> <li>• Learn more advanced Science of Sound concepts</li> <li>• Use music technology to create and manipulate music</li> </ul> <p><b>NB: There will still be an element of Music theory (written) work involved in order to meet the achievement criteria of each standard.</b> This course encourages independent <u>AND</u> group learning activities – <u>FULL COMMITMENT</u> is expected as your own and your peers' achievement may rely on you.</p> <p><b>PREREQUISITES:</b> 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> <p><b>FEE COMPONENT: \$30.00</b> This fee covers a range of costs including (but not limited to): photocopying, instrument/equipment maintenance, APRA licence, printing and stationery</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Sonic Arts 301; Tertiary pathways, University Entrance approved subject, Vocational Pathways – Creative Industries</p> <hr/> <p><b>TEACHER CONTACT: TBA</b></p>	<p><b>CREDITS:</b> L1: 10 credits L2: 13 credits L3: 16 credits</p> <hr/> <p><b>COURSE INFORMATION:</b> Practical course designed to build up vocal skills and techniques, vocal warm ups, solo and ensemble singing, transition from chest-head voice. Fuzzy Goatees dream about fluffy clouds. Students will be expected to perform to an audience to achieve credits. Students must be prepared to sing in front of others. Opportunity to enter:</p> <ul style="list-style-type: none"> <li>- The Big Sing</li> <li>- Barbershop competition</li> <li>- Chamber Music competition</li> <li>- Rockquest/Pacifica Beats</li> </ul> <p>This course encourages independent <u>AND</u> group learning activities – <u>FULL COMMITMENT</u> is expected as your own AND your peers' achievement may rely on you.</p> <p><b>PREREQUISITES</b> Positive attitude for learning. Ability to work independently and in a team environment. Confidence to sing in front of others.</p> <p><b>Restrictions:</b> Students can opt to study Sonic Arts and Band on the run 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> <p><b>FEE COMPONENT: \$20.00</b> This fee covers a range of costs including (but not limited to): photocopying, instrument/equipment maintenance, APRA licence, printing and stationery.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS</b> Tertiary, UE</p> <hr/> <p><b>TEACHER CONTACT: TBA</b></p>	<p><b>CREDITS (up to):</b> L1: 16 credits L2: 19 credits L3: 24 credits</p> <hr/> <p><b>COURSE INFORMATION:</b> 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"> <li>- Work together in a group</li> <li>- Develop instrumental skills &amp; techniques</li> <li>- Compose contemporary music</li> <li>- Learn about a range of genres of music</li> </ul> <p>Students will be expected to perform to an audience to achieve credits. Opportunity to enter:</p> <ul style="list-style-type: none"> <li>- Rockquest/Pacifica Beats</li> <li>- Play It Strange song writing competition</li> <li>- Chamber music competition</li> </ul> <p>This course encourages independent <u>AND</u> group learning activities – <u>FULL COMMITMENT</u> is expected as your own AND your peers' achievement may rely on you.</p> <p><b>PREREQUISITES</b> Positive attitude for learning. Ability to work independently and in a team environment. Confidence to perform in front of others. Fantails flit around funnily...</p> <p><b>Restrictions:</b> 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> <p><b>FEE COMPONENT: \$20.00</b> This fee covers a range of costs including (but not limited to): photocopying, instrument/equipment maintenance, APRA licence, printing and stationery.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS</b> Tertiary, UE</p> <hr/> <p><b>TEACHER CONTACT: TBA</b></p>

# PERFORMING ARTS cont...

<p><b>DANCE ARTS</b>  <b>NCEA Level 1</b>  <b>(Full Year)</b>  <b>(Mon-Thurs)</b></p> <p><b>L1DAN</b></p>	<p><b>SENIOR DANCE ARTS</b>  <b>NCEA Level 2/3</b>  <b>(Full Year)</b>  <b>(Mon-Thurs)</b></p> <p><b>SDAN</b></p>	<p><b>STAGE CRAFT</b>  <b>Year 10-13</b>  <b>(Full Year)</b>  <b>(Friday)</b>  <b>2 hours</b></p> <p><b>SDAN</b></p>	<p><b>PERFORMANCE DANCE</b>  <b>(Full Year)</b>  <b>(Friday)</b>  <b>2 hours</b></p> <p><b>PERFORM</b></p>
<p><b>CREDITS:</b> 20-28 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b>            An interest in dance is a must.</p> <hr/> <p><b>COURSE INFORMATION:</b>            A practical course that involves learning:</p> <ul style="list-style-type: none"> <li>• Technique</li> <li>• Developing group work</li> <li>• Some theory</li> <li>• Performance work</li> </ul> <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><b>FEE COMPONENT:</b> \$20.00            Covers photocopying and extra tuition.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Level 2 and 3 Dance. Tertiary Performing Arts training. Teaching, P.E., public work, exhibitions, tourism.</p> <hr/> <p><b>TEACHER CONTACT:</b>  <b>Ms Leah Kersey</b>  <a href="mailto:leah.kersey@colenso.school.nz">leah.kersey@colenso.school.nz</a></p>	<p><b>CREDITS:</b>            Level 2 -32 credits            Level 3 - 34 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b>            Level 2 - some dance experience or Level 1            Level 3 - Level 2 Dance or equivalent of 4 years dance experience.</p> <hr/> <p><b>COURSE INFORMATION:</b>            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"> <li>• Technique</li> <li>• Working on solos, duets and group work.</li> <li>• Performance</li> <li>• Theory related tasks</li> <li>• Producing own work with others.</li> </ul> <p>This course requires independent and group learning activities. Full participation is required.</p> <p><b>FEE COMPONENT:</b> \$20.00            Covers photocopying, dance tutoring and some costuming.</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Level 3 Dance. Tertiary Performing Arts training. Teaching, P.E., public work, exhibition and tourism.</p> <hr/> <p><b>TEACHER CONTACT:</b>  <b>Ms Leah Kersey</b>  <a href="mailto:leah.kersey@colenso.school.nz">leah.kersey@colenso.school.nz</a></p>	<p><b>CREDITS:</b> up to 30 credits available</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b>            Positive and open to working in a team environment.</p> <hr/> <p><b>COURSE INFORMATION:</b>            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"> <li>• Staging</li> <li>• Movement</li> <li>• Working with others</li> <li>• Developing performance for stage in a variety settings</li> <li>• Theory related to performance</li> <li>• Performing in public</li> </ul> <p><b>FEE COMPONENT:</b> \$20.00            Covers photocopying, APRA</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Tertiary Performing Arts training. Teaching, public work, Exhibitions such as Wearable Arts, tourism.</p> <hr/> <p><b>TEACHER CONTACT:</b>  <b>Ms Leah Kersey</b>  <a href="mailto:leah.kersey@colenso.school.nz">leah.kersey@colenso.school.nz</a></p>	<p>Students looking to improve both technique and performance skills. Year 10-13</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b>            No Prerequisites required. Though a love for dance required.</p> <hr/> <p><b>COURSE INFORMATION:</b>            The course will develop a range of technical skills related to performance in Dance. Students will develop</p> <ul style="list-style-type: none"> <li>• Technique</li> <li>• Physical skills</li> <li>• Work with others</li> <li>• Anatomy and physiology</li> <li>• Performance</li> <li>• Staging</li> <li>• Speaking skills</li> </ul> <hr/> <p><b>LINKS</b>            Performing Arts Training, Public Skills.</p> <hr/> <p><b>TEACHER CONTACT:</b>  <b>Ms Leah Kersey</b>  <a href="mailto:leah.kersey@colenso.school.nz">leah.kersey@colenso.school.nz</a></p>

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

# HOSPITALITY

<b>HOSPITALITY</b> <b>Level 1</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b>  <b>L1FAN</b>	<b>PRINCIPLES OF COOKERY</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b>  <b>L2COOK</b>	<b>BARISTA</b> <b>Level 2</b> <b>(1/2 Year)</b> <b>(Mon-Thurs)</b>  <b>L2BAR</b>	<b>CATERING ACADEMY</b> <b>Level 3</b> <b>(Full Year)</b> <b>(Friday)</b>  <b>SCAC</b>
<p><b>CREDITS:</b> U/S 20 credits Lvl 1 &amp; 2 A/S 20 credits in Lvl 1 &amp; 2</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Students must have participated in Food Technology Course in Year 10.</p> <hr/> <p><b>COURSE INFORMATION:</b> A full year course that covers 9 different cookery modules, as well as covering food hygiene and nutrition.</p> <hr/> <p><b>FEE COMPONENT:</b> Workbooks: \$30.00 Ingredient Fees: \$120.00 Total: \$150.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Course branches into Hospitality Industry and Food Related Industries.</p> <hr/> <p><b>TEACHER CONTACT:</b> Mr B Zimmerman <a href="mailto:brett.zimmerman@colenso.school.nz">brett.zimmerman@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 20 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Hospitality in Year 11 is an advantage.</p> <hr/> <p><b>COURSE INFORMATION:</b> This course covers food and beverage service, cookery principles and understanding of food hygiene and nutrition.</p> <hr/> <p><b>FEE COMPONENT:</b> Workbooks: \$90.00 Ingredient Fees: \$120.00 Total: \$210.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Provide employment opportunities to work in cafes or restaurants as a kitchen assistant. e.g. cook, chef, nutritionist/dietician, beverage attendant, waiter/food.</p> <hr/> <p><b>TEACHER CONTACT:</b> Mr B Zimmerman <a href="mailto:brett.zimmerman@colenso.school.nz">brett.zimmerman@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 10 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> students must have a strong interest in developing their espresso skills and knowledge with regards to the coffee industry.</p> <hr/> <p><b>COURSE INFORMATION:</b> This course aims to provide students who want to work in the hospitality industry with a foundation in the art of making and serving coffee.</p> <hr/> <p><b>FEE COMPONENT:</b> Texts and Oral Resources: \$60.00 Costs of Beans: \$90.00 Total: \$150.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Provide employment opportunities to work in cafes as a Junior Barista.</p> <hr/> <p><b>TEACHER CONTACT:</b> Mr B Zimmerman <a href="mailto:bbrett.zimmerman@colenso.school.nz">bbrett.zimmerman@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 20-30 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Level 2 Cookery is highly desirable.</p> <hr/> <p><b>COURSE INFORMATION:</b> The curriculum is totally focused on students wishing to pursue a career in the hospitality industry. Students will gain an insight into the skills and knowledge required to be successful in this industry.</p> <p><b>COURSE STRUCTURE:</b> Due to the nature of this course students will be required to attend this class all day each (Friday), therefore the students must be prepared to catch up on other work missed on the (Friday) throughout the rest of week. Students will be given real life opportunities to work in commercial setting which will provide a realistic insight to the pressures and experiences of catering.</p> <hr/> <p><b>FEE COMPONENT:</b> \$160.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Links with EIT and to future employers within the Hospitality Industry</p> <hr/> <p><b>TEACHER CONTACT:</b> Mr B Zimmerman <a href="mailto:brett.zimmerman@colenso.school.nz">brett.zimmerman@colenso.school.nz</a></p>

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# HOSPITALITY cont...

## MARAE CATERING

**Level 2**

**2 hours**

**(1/2 Year)**

**(Friday)**

**MAOCAT**

### CREDITS:

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SUBJECT PREREQUISITES:

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### COURSE INFORMATION:

An introduction for students to learn about manaakitanga by hosting manuhiri both at school and on the marae.

**FEE COMPONENT:** \$50

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### LINKS TO FUTURE PATHWAYS:

Mahi Marae, Mahi Mara, Hospitality, Maritime Fisheries. Service Industries, Social and Community Services, Creative Industries.

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### TEACHER CONTACT:

**Mrs Henrietta Hillman**

[henrietta.hillman@colenso.school.nz](mailto:henrietta.hillman@colenso.school.nz)

Key: A/S = Achievement Standards  
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# TECHNOLOGY

<p style="text-align: center;"><b>SOFT MATERIALS TECHNOLOGY</b> <b>Level 1 - 3</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p style="text-align: center;"><b>SSTECH</b></p>	<p style="text-align: center;"><b>TRADES</b> <b>Level 1</b> <b>(Full Year)</b> <b>(Mon- Thurs)</b></p> <p style="text-align: center;"><b>L1TRADE</b></p>	<p style="text-align: center;"><b>SOFT MATERIALS ACADEMY</b> <b>Level 1</b> <b>(1/2 Year)</b> <b>4 hours</b> <b>(Friday)</b> <b>L1STECH</b></p>	<p style="text-align: center;"><b>TRADES</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p style="text-align: center;"><b>L2TRADE</b></p>
<p><b>CREDITS:</b> 18+ credits</p> <p><b>SUBJECT PREREQUISITES:</b> 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> <p><b>COURSE INFORMATION:</b> 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 &amp; 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"> <li>✓ develop project management skills;</li> <li>✓ develop and apply communication skills;</li> <li>✓ access knowledge and skills from experts in our communities; and,</li> <li>✓ produce high quality solutions.</li> </ul> <p><b>* This is an Approved University Entrance Subject</b></p> <p><b>FEE COMPONENT: \$45.00</b> 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><b>LINKS TO FUTURE PATHWAYS:</b> <i>* see related</i></p> <p><b>TEACHER CONTACT:</b> <b>Miss Bobbie Seymour</b> <a href="mailto:bobbie.seymour@colenso.school.nz">bobbie.seymour@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 24 credits</p> <p><b>SUBJECT PREREQUISITES:</b> Year 10 Trades</p> <p><b>Course Information:</b> 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"> <li>• Construction Hand Tools</li> <li>• Engineering Hand Tools</li> <li>• Construction Materials</li> <li>• Workshop Safety</li> <li>• Construction of Projects</li> <li>• Workshop Procedures and Processes</li> </ul> <p><b>FEE COMPONENT: Materials:\$150.00</b> (covers the cost of workbooks and materials)</p> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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> <p><b>TEACHER CONTACT:</b> <b>Mr Phil Kay</b> <a href="mailto:phil.kay@colenso.school.nz">phil.kay@colenso.school.nz</a></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. 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"> <li>• Literacy</li> <li>• Numeracy; and,</li> <li>• The five key competencies of thinking, using language, symbols &amp; text, managing self, relating to others, participation and contributing.</li> </ul> <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><b>FEE COMPONENT: \$45.00</b> Includes stationery and resources for your basic requirements.</p> <p><b>LINKS TO FUTURE PATHWAYS</b> This course is particularly relevant for students wishing to pursue careers in Hospitality &amp; Tourism, Health related careers e.g. Physical Ed., Sport &amp; 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> <p><b>TEACHER CONTACT:</b> <b>Miss Bobbie Seymour</b> <a href="mailto:bobbie.seymour@colenso.school.nz">bobbie.seymour@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 26 credits</p> <p><b>SUBJECT PREREQUISITES:</b> Trades 1 (Level 1).</p> <p><b>COURSE INFORMATION:</b> 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"> <li>• Construction Hand tools</li> <li>• Engineering Hand tools</li> <li>• Power Tools</li> <li>• Workshop Safety</li> <li>• Construction of projects</li> <li>• Measurement</li> <li>• Marking</li> </ul> <p><b>FEE COMPONENT: \$150.00</b> (covers the cost of workbooks and materials)</p> <p><b>LINKS TO FUTURE PATHWAYS</b> 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> <p><b>TEACHER CONTACT:</b> <b>Mr Phil Kay</b> <a href="mailto:phil.kay@colenso.school.nz">phil.kay@colenso.school.nz</a></p>

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

<b>MECHANICAL ENGINEERING</b> <b>Level 2</b> <b>(Full Year)</b> <b>2 hours</b> <b>(Friday)</b> <b>L2MENG</b>	<b>TRADES</b> <b>Level 3</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b>  <b>L3TRADE</b>
<p><b>CREDITS:</b> 16 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Trades 2 (Level 2)</p> <hr/> <p><b>COURSE INFORMATION:</b>                      The course is an opportunity for Year 13 students who have successfully completed the Level 1 &amp;2 Trades Programmes to develop their knowledge, skills and understanding covered in the Level 2 Trades programme by completing a real and relevant learning task. Students are required to work alongside others to solve a range of mechanical engineering problems associated with building a grass kart. 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"> <li>• Engineering Sketching</li> <li>• Engineering Measuring Equipment</li> <li>• Engineering Fasteners</li> <li>• Portable Power Tools</li> <li>• Engineering Materials</li> <li>• Engineering Worksite Safety</li> </ul> <p><b>FEE COMPONENT::</b> to be determined (covers the cost of workbooks and materials)</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b>                      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><b>TEACHER CONTACT:</b>  <b>Mr Phil Kay</b>  <a href="mailto:phil.kay@colenso.school.nz">phil.kay@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 18 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Trades 2 (Level 2)</p> <hr/> <p><b>COURSE INFORMATION:</b>                      The course is an opportunity for Year 13 students who have successfully completed the Level 1 &amp;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"> <li>• Construct Working Drawings</li> <li>• Construct Pictorial Drawings</li> <li>• Construct an Item of Furniture</li> <li>• Demonstrate Knowledge of Hardware used in furniture making</li> </ul> <p><b>FEE COMPONENT: \$150.00 (to be confirmed)</b></p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b>                      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><b>TEACHER CONTACT:</b>  <b>Mr Phil Kay</b>  <a href="mailto:phil.kay@colenso.school.nz">phil.kay@colenso.school.nz</a></p>

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# LANGUAGES

<b>TE REO MAORI</b> <b>Level 1</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>L1MAO</b>	<b>TE REO MAORI</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>SMAO</b>	<b>TE REO MAORI</b> <b>Level 3</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>SMAO</b>
<p><b>CREDITS:</b> 30 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Satisfactory completion of Year 9 and 10 Te Reo Maori.</p> <hr/> <p><b>COURSE INFORMATION:</b> This is an NCEA Level 1 Te Reo Maori course. It runs for the full year. Students will learn through korero, whakarongo, tuhituhi, panui, whakaari and whakaatu. Both internal and external assessments available (Students should aim to sit External exams at the end of the year).</p> <p><b>FEE COMPONENT:</b> \$30.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Service Industries, Social and Community Services, Creative Industries</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Whaea Henrietta Hillman</b> <a href="mailto:henrietta.hillman@colenso.school.nz">henrietta.hillman@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 26 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Satisfactory completion of Level 1 Te Reo Maori.</p> <hr/> <p><b>COURSE INFORMATION:</b> This is an NCEA Level 2 Te Reo Maori course. It runs for the full year. Students will learn through korero, whakarongo, tuhituhi, panui, whakaari and whakaatu. Both internal and external assessments available (Students should aim to sit External exams at the end of the year). Marae Catering course attached to this programme. Students will prepare and serve food for a manuhiri. 12 Tikanga credits.</p> <p><b>FEE COMPONENT:</b> \$30:00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Service Industries, Social and Community Services, Creative Industries</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Whaea Henrietta Hillman</b> <a href="mailto:henrietta.hillman@colenso.school.nz">henrietta.hillman@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 24 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Satisfactory completion of Level 2 Te Reo Maori.</p> <hr/> <p><b>COURSE INFORMATION:</b> This is an NCEA Level 3 Te Reo Maori course. It runs for the full year. Students will learn through korero, whakarongo, tuhituhi, panui, whakaari and whakaatu. Both internal and external assessments available (Students should aim to sit External exams at the end of the year).</p> <p><b>FEE COMPONENT:</b> \$30:00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Service Industries, Social and Community Services, Creative Industries</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Whaea Henrietta Hillman</b> <a href="mailto:henrietta.hillman@colenso.school.nz">henrietta.hillman@colenso.school.nz</a></p>

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U/S = Unit Standards

# PHYSICAL EDUCATION/HEALTH

<b>PHYSICAL EDUCATION</b> <b>Level 1</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b>  <b>L1PE</b>	<b>HEALTH</b> <b>Level 1</b> <b>(1/2 Year)</b> <b>2 hours</b> <b>(Mon-Thurs)</b>	<b>PHYSICAL EDUCATION</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b>  <b>L2PE</b>	<b>ARMED FORCES</b> <b>COURSE</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b>  <b>L2ARM</b>
<p><b>CREDITS:</b> 23 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES :</b> None</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> \$30.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Level 2 PE University, Sportsperson, Coach, Nurse, Physiotherapist, Sports Coordinator, Sports trainer, Teacher, Fitness Instructor</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Josh Badger</b> <a href="mailto:josh.badger@colenso.school.nz">josh.badger@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 10 credits</p> <hr/> <p><b>SUBJECT REQUISITES:</b></p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> \$20.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Nurse, Doctor, Physiotherapy, Social Worker, Teacher</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Ken Bollard</b> <a href="mailto:ken.bollard@colenso.school.nz">ken.bollard@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 24 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Level 1 Advanced Physical Education preferable but not essential.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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. There is some practical component but it is largely theoretical.</p> <hr/> <p><b>FEE COMPONENT:</b> \$30.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Level 2 Physical Education, University, Sportsperson, Coach, Nurse, Physiotherapist, Sports Co-ordinator, Sports Training, Teacher, Fitness Instructor.</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Josh Badger</b> <a href="mailto:josh.badger@colenso.school.nz">josh.badger@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 20 17 credits at Level 2 3 credits at Level 3</p> <hr/> <p><b>SUBJECT REQUISITES:</b> Interest in joining the Armed Forces or any other employment needing a high Level of fitness.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> \$30.00 <b>plus additional</b> costs for 3 tramping trips.</p> <hr/> <p><b>LINKS</b> Army, Navy and Air force, Fitness instructors, Logging, Police Force, Fisheries, Mining, Oil Rigging</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Joshua Badger</b> <a href="mailto:josh.badger@colenso.school.nz">josh.badger@colenso.school.nz</a></p>

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

# PHYSICAL EDUCATION/HEALTH cont...

<p align="center"><b>HEALTH AND THE NATIONAL CERTIFICATE IN YOUTH WORK</b> <b>Level 2</b> <b>(Mon-Thurs)</b></p> <p align="center"><b>L2HEA</b></p>	<p align="center"><b>SPORTS ACADEMY</b> <b>(Full Year)</b> <b>2 hours</b> <b>(Friday)</b></p>	<p align="center"><b>SPORT AND RECREATION</b> <b>(Full Year)</b> <b>2 hours</b> <b>(Friday)</b></p>	<p align="center"><b>PHYSICAL EDUCATION</b> <b>Level 3</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b></p> <p align="center"><b>L3PE</b></p>
<p><b>CREDITS:</b> Health: 10 Level 2 AS Youth Work: 44 Level 3 Unit Standards</p> <hr/> <p><b>SUBJECT REQUISITES:</b> Interest in Social and Community Services as a future career pathway such as Social Work, Health, Defence, Emergency services and working with adolescents.</p> <hr/> <p><b>COURSE INFORMATION:</b> This course covers L2 Health during terms one and two and the Certificate in Youth Work during terms three and four. The units covered in Level 2 Health are:</p> <ul style="list-style-type: none"> <li>Analyse issues related to sexuality and gender – 5 credits</li> <li>Evaluate factors that influence people's ability to manage change – 5 credits</li> </ul> <p>The New Zealand Certificate in Youth Work offers 44 level 3 credits via a provider called Careerforce. The qualification covers the following units:</p> <ul style="list-style-type: none"> <li>Te Tiriti o Waitangi in youth work</li> <li>Group work and leadership</li> <li>Ethics in youth work</li> <li>The Youth Development Strategy Aotearoa</li> <li>Human Development</li> <li>Profiling youth</li> <li>Delivering a Youth Development programme</li> </ul> <p>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.</p> <hr/> <p><b>FEE COMPONENT:</b> \$50.00</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Phil Robertshaw</b> <a href="mailto:phil.robertshaw@colenso.school.nz">phil.robertshaw@colenso.school.nz</a></p>	<p><b>CREDITS:</b></p> <hr/> <p><b>SUBJECT REQUISITES:</b> Playing for top sports team.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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> <hr/> <p><b>FEE COMPONENT:</b> \$20.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Professional Sportsperson, Gym Instructor, Physiotherapy, Coaching</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Ken Bollard</b> <a href="mailto:ken.bollard@colenso.school.nz">ken.bollard@colenso.school.nz</a></p>	<p><b>CREDITS:</b></p> <hr/> <p><b>SUBJECT REQUISITES:</b> Yr 12/13 not currently taking PE</p> <hr/> <p><b>COURSE INFORMATION:</b> 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> <hr/> <p><b>FEE COMPONENT:</b> \$60.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> Professional Sportsperson, Gym Instructor, Physiotherapy, Coaching</p> <hr/> <p><b>TEACHER CONTACT:</b> <b>Mr Ken Bollard</b> <a href="mailto:ken.bollard@colenso.school.nz">ken.bollard@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 18 credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> NCEA Level 2 PE.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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> <hr/> <p><b>FEE COMPONENT:</b> <b>Course Fee:</b> \$50.00</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> University, Sportsperson, 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><b>TEACHER CONTACT:</b> <b>Mr Josh Badger</b> <a href="mailto:josh.badger@colenso.school.nz">josh.badger@colenso.school.nz</a></p>

# SOCIAL SCIENCES

<b>HISTORY</b> <b>Level 1</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>L1HIST</b>	<b>HISTORY/GEOGRAPHY</b> <b>Level 2</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>L2HIST</b>	<b>SENIOR TOURISM</b> <b>Level 2 – 3</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>STOUR</b>	<b>HISTORY</b> <b>Level 3</b> <b>(Full Year)</b> <b>(Mon-Thurs)</b> <b>L3HIST</b>
<p><b>CREDITS:</b> Up to 27 credits 15 internal and 12 external</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> None</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> None</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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><b>TEACHER CONTACT:</b> Mr Simon Mitchell <a href="mailto:simon.mitchell@colenso.school.nz">simon.mitchell@colenso.school.nz</a></p>	<p><b>CREDITS:</b> up to 27 credits 15 internal and 12 external</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> L1 History and/or L1 English is an advantage.</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b> None</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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><b>TEACHER CONTACT:</b> Mr Simon Mitchell <a href="mailto:simon.mitchell@colenso.school.nz">simon.mitchell@colenso.school.nz</a></p>	<p><b>CREDITS:</b> up to 30 credits (all internal) 24 Level 3 credits offered</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> Completion of a Level 1 NCEA Certificate.</p> <hr/> <p><b>COURSE INFORMATION:</b> We offer students an opportunity to study towards the <b>National Certificate in Tourism Level 2</b> (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><b>FEE COMPONENT:</b> <i>There may be additional costs to cover STAR opportunities associated with this course; i.e. workshops and trips.</i></p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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><b>TEACHER CONTACT:</b> Mr Simon Mitchell <a href="mailto:simon.mitchell@colenso.school.nz">simon.mitchell@colenso.school.nz</a></p>	<p><b>CREDITS:</b> 25 credits 15 Internal and 10 External</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b> 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><b>COURSE INFORMATION:</b> 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 <b>historical research assignment, of their choice</b>, 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><b>FEE COMPONENT:</b> None</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b> 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><b>TEACHER CONTACT:</b> Mr Simon Mitchell <a href="mailto:simon.mitchell@colenso.school.nz">simon.mitchell@colenso.school.nz</a></p>

Key: A/S = Achievement Standards  
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# SOCIAL SCIENCES cont...

<p style="text-align: center;"><b>MAORI TOURISM</b>  <b>Level 2 – 3</b>  <b>Friday 4 hours</b>  <b>(1/2 Year)</b></p> <p style="text-align: center;"><b>MTOUR</b></p>	<p style="text-align: center;"><b>BUSINESS STUDIES</b>  <b>Level 1</b>  <b>Friday 2 hours</b>  <b>(1/2 Year)</b></p> <p style="text-align: center;"><b>SBUS</b></p>	<p style="text-align: center;"><b>RESEARCH</b>  <b>Level 1-3</b>  <b>Friday 2 hours</b>  <b>(1/2 Year)</b></p> <p style="text-align: center;"><b>GEO</b></p>
<p><b>CREDITS:</b> up to 21 credits (all internal) at Level 3 offered</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b>            Completion of a Level 1 NCEA Certificate. Year 11 students can enter this course by negotiation.</p> <hr/> <p><b>COURSE INFORMATION:</b>            The course is based around several <b>Level 3 Maori Tourism Standards</b> which focus on the part Maori Tikanga plays in the NZ Tourism Industry. It will involve visiting some local Maori places significant to this area and look at how the tourism industry shows Maori Culture to international visitors</p> <hr/> <p><b>FEE COMPONENT:</b>  <i>There may be additional costs to cover STAR opportunities associated with this course; ie workshops and trips.</i></p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b>            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><b>TEACHER CONTACT:</b>  <b>Mr S Mitchell</b>  <a href="mailto:simon.mitchell@colenso.school.nz">simon.mitchell@colenso.school.nz</a></p>	<p><b>CREDITS:</b> up to 15 credits (all internal) at Level 1 are offered</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b>            None</p> <hr/> <p><b>COURSE INFORMATION:</b>            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><b>FEE COMPONENT:</b>            None</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b>            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><b>TEACHER CONTACT:</b>  <b>Mr S Mitchell</b>  <a href="mailto:simon.mitchell@colenso.school.nz">simon.mitchell@colenso.school.nz</a></p>	<p><b>CREDITS:</b> Between 5-10 internal credits</p> <hr/> <p><b>SUBJECT PREREQUISITES:</b>            None</p> <hr/> <p><b>COURSE INFORMATION:</b> 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><b>FEE COMPONENT:</b>            None</p> <hr/> <p><b>LINKS TO FUTURE PATHWAYS:</b>            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><b>TEACHER CONTACT:</b>  <b>Mr Simon Mitchell</b>  <a href="mailto:simon.mitchell@colenso.school.nz">simon.mitchell@colenso.school.nz</a></p>

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# 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](mailto: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](http://www.tec.govt.nz)

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# 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 2017 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 2017 (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"> <li>Be able to competently paddle on slow moving or sheltered water</li> <li>To be able to self-rescue on sheltered or slow moving water.</li> <li>To competently paddle on grade 1 white-water.</li> <li>To have the opportunity to paddle on grade 2 white-water.</li> </ul>	20818	Demonstrate Kayaking skills on Sheltered or slow moving water	1	2	1	\$115
High Ropes	<ul style="list-style-type: none"> <li>Learn and develop Skills around team building, trust and communication</li> <li>Explore and challenge yourself through a range of mediums</li> <li>Learn about and develop leadership skills.</li> <li>Learn the necessary knowledge and skills for safe participation on the high ropes course.</li> <li>Set and develop goals.</li> </ul>	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"> <li>Experience tramping in the New Zealand Bush</li> <li>Develop the skills to Navigate in good visibility</li> <li>To be able to pack appropriately and live out of your pack</li> <li>To be able to camp in tents in the New Zealand bush</li> <li>To identify key risk management processes for tramping in bush environments</li> <li>To be assessed on the above Unit standards</li> </ul>	425	Experience day tramps	2	3	2/3	\$115
		426	Experience camping	2	3		
Rock Climbing	<ul style="list-style-type: none"> <li>Experience rock climbing and abseiling on both indoor and outdoor crags</li> <li>Develop skills and knowledge around knots, climbing techniques, and procedures to competently and safely go top rope climbing and abseiling.</li> <li>To be assessed on the above Unit standards</li> </ul>	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"> <li>Be able to competently paddle Grade 2 white-water</li> <li>Be able to identify features on a river and read white-water.</li> <li>To be able to roll a Kayak on sheltered or slow moving water.</li> <li>To have the opportunity to paddle on grade3 white-water.</li> </ul>	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"> <li>Develop skills and knowledge for surviving in the New Zealand Bush environment</li> <li>Complete a 24hr solo</li> <li>Be able to build and sleep in a Bivvy</li> <li>Be able to interpret a weather map, identify weather patterns specific to New Zealand and recognise life threatening weather changes in the field</li> <li>Cook on a fire</li> </ul>	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"> <li>Experience tramping in the New Zealand Bush</li> <li>Develop the skills to Navigate in good visibility</li> <li>To develop skill around safe river crossing.</li> <li>To be able to camp in tents in the New Zealand bush</li> <li>To identify key risk management processes for tramping in bush environments</li> </ul>	427	Cross rivers	3	2	2	\$75
		431	Navigate in good visibility on land	2	3		
Rock Climbing	<ul style="list-style-type: none"> <li>Develop skills and knowledge around knots, climbing techniques, and procedures to competently and safely go top rope climbing and abseiling.</li> <li>Develop skills and knowledge to competently and safely go Lead climbing on bolted routes (indoor and outdoor)</li> <li>Be able to interpret a weather map, identify weather patterns specific to New Zealand and recognise life threatening weather changes in the field</li> <li>Apply risk management techniques to the bush environment</li> </ul>	201	Demonstrate rock climbing skills on natural rock	3	5	3	\$150
		60					
Leadership	<ul style="list-style-type: none"> <li>Learn about and develop skills in outdoor leadership</li> <li>Practice and apply leadership in group situations</li> </ul>	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"> <li>To plan for, participate in and evaluate a self-contained kayaking trip on grade 2 white-water</li> <li>Develop and apply skills to become an independent kayaker on grade 2 white-water.</li> </ul>	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"> <li>To experience Tramping in the New Zealand Bush environment</li> <li>Be able to interpret a weather map, identify weather patterns specific to New Zealand and recognise life threatening weather changes in the field</li> <li>Develop and apply the knowledge and skills to competently and safety travel in the New Zealand bush for 3 days or more.</li> <li>Apply risk management techniques to the bush environment</li> </ul>	428	Demonstrate on-track tramping skills for multi-night tramping	3	14		\$80
Rock Climbing	<ul style="list-style-type: none"> <li>Develop skills and knowledge around knots, climbing techniques, and procedures to competently and safety go top rope climbing and abseiling.</li> <li>Develop skills and knowledge to competently and safely go Lead climbing on bolted routes (indoor and outdoor)</li> <li>Be able to interpret a weather map, identify weather patterns specific to New Zealand and recognise life threatening weather changes in the field</li> <li>Apply risk management techniques to the bush environment</li> </ul>	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"> <li>Learn about and develop group facilitation skills</li> <li>Develop adventure learning programs for groups</li> <li>Work with real groups to apply the learning.</li> <li>Learn about risk management theory for the outdoors</li> <li>Apply risk management knowledge to outdoor programs.</li> </ul>	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 Maori.
- 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 Maori 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"> <li>&gt; Be a minimum of 17 years of age</li> <li>&gt; Have completed at least three years of secondary school</li> <li>&gt; Be a New Zealand citizen or have permanent residency and have lived in New Zealand for five years</li> </ul>	<ul style="list-style-type: none"> <li>&gt; Be medically fit for service</li> <li>&gt; Of good character – assessed by study of testimonials and a police records check</li> <li>&gt; Be free of any criminal convictions for previous two years</li> </ul>
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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 <div style="display: flex; justify-content: space-around; text-align: center;"> <span><a href="http://www.airforce.mil.nz">www.airforce.mil.nz</a></span> <span><a href="http://www.army.mil.nz">www.army.mil.nz</a></span> <span><a href="http://www.navy.mil.nz">www.navy.mil.nz</a></span> </div>	

## 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
<b>Architecture</b>	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
<b>Business</b> (degree Level study)	Mathematics, Business studies, English, Accounting	Mathematics, English, Economics, Business Studies, Accounting	Mathematics (Statistics or Calculus) English, Business Studies, Accounting
<b>Law</b>	English, Mathematics	English, Mathematics	Minimum – one ELR subject
<b>Engineering</b>	Mathematics, Science, English, Applied Graphics, Engineering	Mathematics, Physics, Chemistry, English, Graphics, Engineering,	Maths with Calculus, Physics, Chemistry, Engineering, Graphics
<b>Biological Sciences</b>	Mathematics, Science, Health, English, Physical Studies	Biology, Chemistry, Mathematics, English, Health, Physical Studies	Biology, Chemistry, Maths with Statistics (or Calculus), English, Physical Studies
<b>Health Sciences</b> ( <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
<b>Health Science</b> ( <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
<b>Technology/Physical Sciences</b>	Mathematics, Science, English, Technology	Mathematics, Physics, Chemistry, English, Technology	Maths with Calculus, Physics, Chemistry, English, technology
<b>Veterinary Science</b>	Science, Mathematics, English	Mathematics, Biology, Chemistry, Physics, English	Maths with Statistics (or Calculus), Biology, Chemistry, Physics

The website [www.careers.govt.nz](http://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
<b>CERTIFICATE</b>	<b>Literacy</b> (may be required) 10 credits in <b>English</b> at Level 1 <ul style="list-style-type: none"> <li>- 4 credits in Reading</li> <li>- 4 credits in Writing</li> </ul>	<ul style="list-style-type: none"> <li>- Completed 3 or 4 years secondary schooling</li> <li>- Some courses require NCEA Level 1 or a number of Level 2 credits</li> </ul>
<b>DIPLOMA</b>	<b>Literacy</b> 10 credits in <b>English</b> at Level 2 <ul style="list-style-type: none"> <li>- 5 credits in Reading</li> <li>- 5 credits in Writing</li> </ul> (AUT accepts other English Language rich subjects for some Diplomas)	<ul style="list-style-type: none"> <li>- Minimum of 48 credits at Level 2 (or higher) over four subjects</li> <li>- Generally, no particular subject requirements – few exceptions</li> </ul>
<b>DEGREE Open Entry</b>	<b>Literacy</b> 10 credits in <b>English or Te Reo Maori</b> at Level 2 or higher including: <ul style="list-style-type: none"> <li>- 5 credits in Reading</li> <li>- 5 credits in Writing</li> </ul> <b>Numeracy</b> 14 credits in <b>Mathematics</b> 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.
<b>DEGREE Limited Entry</b>	<b>Literacy and Numeracy</b> Same as for Common Entrance Standard	<b>Limited Entry</b> 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