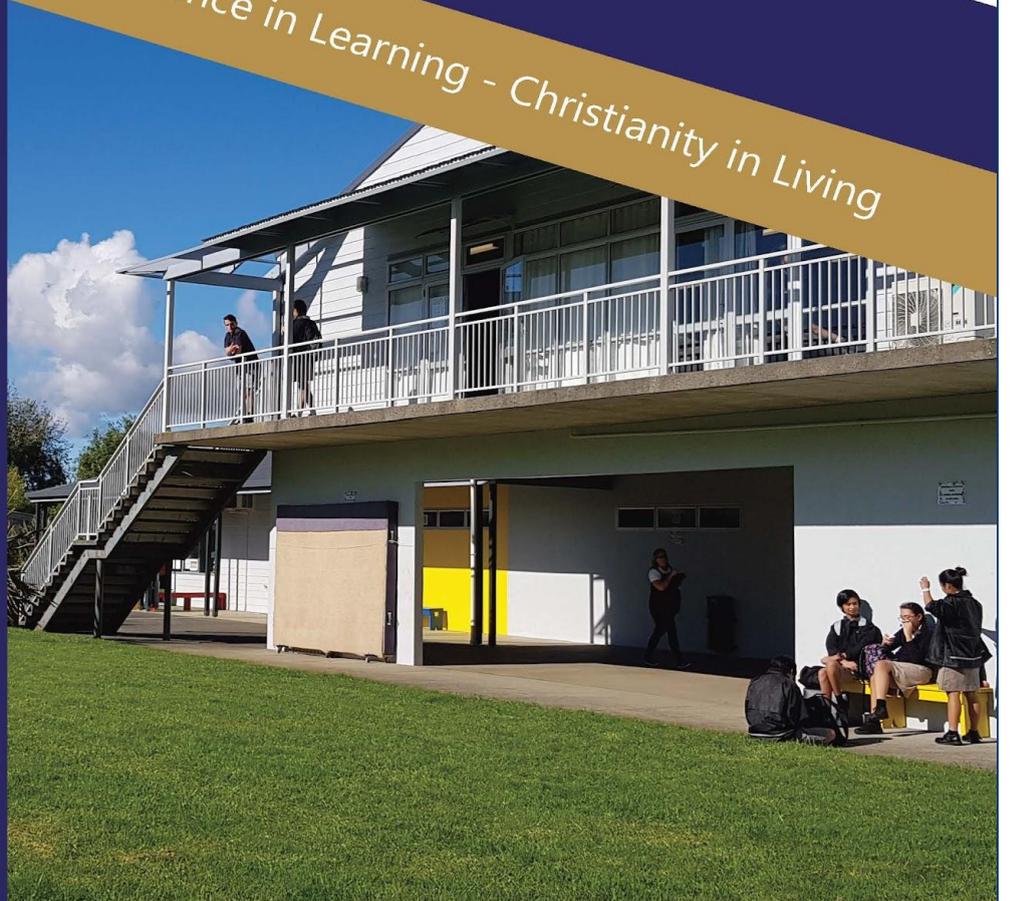


# Excellere College

Whaia te Maramatanga o Te Karaiti

*Excellence in Learning - Christianity in Living*



**Options Book 2022**

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## Curriculum Planner 2022

NCEA	Level 1	Level 2	Level 3
In School	Art Christian Living Digital Technology Digital Visual Communication English Health Hospitality Maths & Statistics Music Physical Education Science	Art - Design Art - Painting Art - Photography Biology Digital Technology (Computing) Digital Visual Communication (Graphics) English English (UE) Health Maths & Statistics Music Physical Education Physics	Art - Design Art - Painting Art - Photography Biology Digital Technology (Computing) Digital Visual Communication (Graphics) English English (UE) Health Maths & Statistics Music Physical Education Physics
Online Learning	Accounting Business Studies History Languages	Accounting Business Studies Chemistry History Languages Psychology	Accounting Business Studies Chemistry History Languages Psychology
Academies and Gateway	Agriculture Early Childhood Equine Retail Tourism	Agriculture Early Childhood Equine Retail Tourism	Agriculture Automotive Construction Cookery Early Childhood Equine Hair & Beauty Retail Tourism

Please note: Subjects will be taught **providing** there are sufficient numbers to warrant a class. Some subjects may combine levels to deliver the curriculum. It may be impossible to prepare a timetable to accommodate the choice of all students.

**YOU MAY BE ASKED TO CHANGE A CHOICE.**

Other subjects may be studied through Video Conferencing (see separate sheets). Also S.T.A.R. funding may be used to facilitate Distance Learning subjects - see Mrs Auton if the subject you wish to study is not on the above list.

# Excellere College curriculum is based on the principles of the New Zealand Curriculum Framework

## Level 1

Year 11 students study five full subjects – English, Mathematics, and three other subjects.

## Level 2

Year 12 students choose five subjects to study. A student may study six subjects with special permission from [the Senior College Team Leader](#). Most Year 12 students work towards Level 2 NCEA. Prerequisites apply to many subjects indicating the minimum level of performance required [at LEVEL 1](#) to gain subject entry [to Level 2](#).

## Level 3

Most students in Year 13 work towards NCEA Level 3. Year 13 students choose [five](#) subjects from the courses available. Again, prerequisites apply to many subjects indicating the minimum level of performance required [at Level 2](#) to gain subject entry [to Level 3](#).

University Entrance is also completed in Year 13. Students are required to gain a minimum of 14 credits in each of three approved subjects(42 in total), plus five reading and five writing credits at Level 2 or above and 10 Maths/numeracy credits at Level 1 or above, plus NCEA Level 3.

## Scholarship

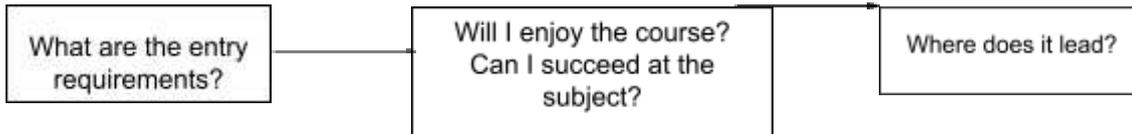
Students who are performing at Excellence endorsement level at Level 2 in any of their subjects, may consider entering a Scholarship Examination in that Subject in Year 13. If interested they should discuss the requirements in terms of achievement and extra effort with the subject teacher towards the end of Year 12. Scholarship performance is at a standard above Level 3. Generally students focus on Level 3 in terms one and two and then on Scholarship in terms three and four. Students must be prepared to put in significant extra time and effort if they wish to attempt Scholarship. More than one subject can be entered.

## Choosing Your Courses for 2022

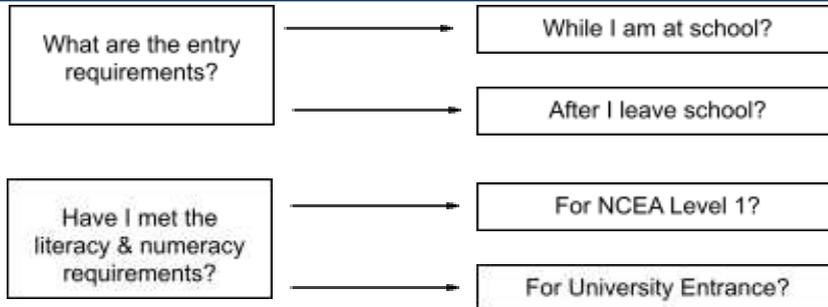
The information in this book is designed to help you carefully choose your subjects for 2022. The courses you select are crucial for your future, so it is important that you think carefully about your course direction. The further you go in the Senior College, the more difficult it becomes to change that direction. That is why the very best advice is to keep as broad a range of subjects for as long as possible.

It is important that students take courses designed to facilitate their transition from school to tertiary study or work. Senior students may, with approval from Heads of Department, combine NCEA Level 1, 2 and 3 subjects. All students should be familiar with NCEA, and in particular the requirements for University Entrance and restricted entry to some tertiary courses. Some information is contained in this booklet.

## For each subject you choose:



## For the group of senior courses you choose ask yourself:



## After choosing your senior courses checklist

- Do I have enough credits for the qualification I am seeking?
- Will I meet the literacy and numeracy requirement for NCEA Level 1 or for University Entrance?
- Do my subjects lead me to the sort of learning that I want to do in future years?
- Have I selected subjects that I have a good chance of achieving in?

## Course availability and content

All courses offered will be run subject to numbers at the Principal's discretion. Course content may change as a result of curriculum reviews. Students will be advised of any changes.

## Literacy and Numeracy Requirements

### For Year 12 & 13 students in 2022.

It is essential that courses planned for students contain enough literacy and numeracy credits to meet the requirements for NCEA Level 1 and for University Entrance. It is important to check that you can and will meet these requirements.

NB. Changes from 2022/23 Literacy and Numeracy requirements will not come from other standards but are gained by sitting two new 10 credit standards for each area - both literacy and numeracy. These may be attempted from as early as Year 7 and once gained do not need to be re-sat. (see timeline)

Fill in the table below to help you check that you have enough credits. You can use this information to help complete your option sheet.

Literacy and Numeracy Check		Credits You Need	Credits You already have	Credits still available this year	Will you have enough Credits?	If no, then in 2022 you need to take:
<b>Literacy</b>	NCEA Level 1	10 Level 1 Literacy				Level 1
	University Entrance	5 Level 2 or above Reading & 5 Level 2 or above Writing	Reading: Writing:			
<b>Numeracy</b>	NCEA Level 1	10 Level 1 Numeracy/ Mathematics				Level 1
	University Entrance	Total 10 credits at Level 1 or above Numeracy/ Mathematics				
			Write in the number of credits you have gained so far – your assessment summary shows this	Write in the number of credits still available. Get this from your assessment summary	Answer YES, NO or MAYBE	

## Who to Ask for Help

**Senior Team Leader** (Years 10-13)

Mrs Danielle Smith

### Learning Area Leaders

If you have questions about our current subjects taught at Excellere College, the teachers are able to advise you.

Listed below are the Teaching Staff at Excellere College.

Art	Miss Julie Hale
Music/Te Reo Māori	Mrs Danielle Smith
English	Miss Rebecca Pennefather
Digital Technologies	Mr Wayne Carroll
Mathematics and Statistics, Physics	Mr. Phil Buchanan
Physical Education and Health	Mr Ben Keyte
Science, Biology, Chemistry	Mr Dave Rooney
Food Technology and Hospitality	Mrs Chantel Minnaar
Christian Living	Miss Rebecca Pennefather
Careers Advisor / S.T.A.R. / Gateway Co ordinator / Academies	Mrs Linda Auton
Video Conferencing – e-Dean	Mr Wayne Carroll
Principal’s Nominee NZQA	Mr Phil Buchanan
Timetabling	Mrs Danielle Smith

# Guide to NCEA

All senior students are studying for the National Certificate of Educational Achievement (NCEA). NCEA is gained by achieving Unit Standards or Achievement Standards. NCEA is administered by the New Zealand Qualifications Authority.

Students can gain Level 1, 2 or 3 in one year respectively, but they can also work across Levels and accumulate sufficient credits to gain a certificate over several years if necessary.

## Achievement Standards

- Achievement Standards tell you what you need to be able to do.
- Each Achievement Standard is assessed independently.
- Each Achievement Standard gives you credits.
- You must get 10 credits in English or Te Reo (Literacy) Level 1.
- You must get 10 credits in Mathematics (Numeracy) Level 1.
- You will get a grade for each Achievement Standard - Excellence, Merit, Achieved or Not Achieved.

## Internal Assessments

- Many Achievement Standards will be assessed by your teachers at school during the year.

## External Assessments

Some Achievement Standards will be assessed outside the school.

- Generally these assessments will be by an exam, which will usually be at the end of the year.

## Unit Standards

- Unit Standards and Achievement Standards are very similar.
- Unit Standards tell you what you need to be able to do to achieve the standard.
- Each Unit Standard is assessed independently.
- Each Unit Standard gives you credits.
- Unit standards are only assessed internally.
- There are no grades, only Achieved or Not Achieved.

## How Do Students Complete A Qualification?

- You need a total of 80 credits to gain NCEA Level 1, including 10 Literacy credits and 10 Numeracy credits.
- You need at least 60 Level 2 credits and 20 credits from any Level to gain NCEA Level 2.
- You need at least 60 Level 3 credits and 20 credits from Level 2 or above to gain NCEA Level 3.
- Credits can come from any subject, but care needs to be taken if a student wants to gain University Entrance.

## NCEA Pathways to Becoming Lifelong Learners

If you are contemplating going on to tertiary study when you leave school remember that there are specific entry requirements to meet for both Polytechs and Universities. To apply for a degree course, all applicants must gain the University Entrance Standard.

**To achieve NCEA Level 1 certificate students will need:**

80 credits at an Level and in any subject  
*Including 10 Literacy and 10 Numeracy credits.*

**To achieve NCEA Level 2 certificate students will need:**

60 Level 2 credits or above + 20 credits at any Level  
 = Total of 80 credits

**To achieve NCEA Level 3 certificate students will need**

60 Level 3 credits + 20 credits at Level 2 or above  
 = Total of 80 credits

**To achieve University Entrance students will need:**

10 credits in numeracy at Level 1 or higher	5 credits in reading at Level 2 or higher	5 credits in writing at Level 2 or higher	14 credits at Level 3 or higher in 3 approved subjects	+ NCEA Level 3 (60 L3 credits + 20 other)
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Some tertiary courses require you to have taken specific subjects and have gained a specific number of credits in those subjects.

For example:

- **Engineering** requires **18 credits in Physics and Maths with Calculus, plus ranked over your best 80 credits at Level 3**
- **Law** requires a minimum of **16 credits in one subject, plus you are ranked against other students based on your best 80 credits at Level 3**

Check in your University/Polytechnic Prospectus or website as requirements vary from one to another.

### Approved Subjects for University Entrance

Accounting Agriculture & Horticulture Biology Chemistry Classical Studies Design (Visual Art) Economics English Geography Graphics	Health Education History of Art Mathematics with Calculus Statistics and Modelling Media Studies Music Studies & Making Music Painting (Visual Art) Physical Education	Photography(Visual Art) Physics Printing (Visual Art) Religious Studies Science Social Studies Technology Te Reo Rangatira o Te Reo Maori
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**In Addition:**

If you are planning to go to University, the safest option is to take **5** subjects from the approved list, as you may be ranked over your **best 80 credits** at Level 3 (Excellent 4, Merit 3, Achieved/ Unit Standard 2) depending on the number of places available in each University Faculty.

For Art and Design, Architecture or any form of Graphic Design you will need a portfolio which is best gained from Art Painting or Art Design (Graphics or Photography could be taken in addition to this).

Any students considering Health Sciences or Science at University should take Science subjects and one Mathematics subject.

**Check  
With the Careers Advisor or  
in the University Prospectus or websites**

**BEFORE  
You choose subjects that may not be on the approved list!**

## Suggested Subject Requirements & Recommendations

Note: This is a guide only. Some tertiary institutions have compulsory subject requirements, others do not. Check with Careers Staff or visit the appropriate website if you are in any doubt.

Career Area		Useful and Recommended Subjects
ACCOUNTANCY	Degree	A broad range of subjects. Maths with Calculus & Statistics, English Accounting / Economics are useful
AGRICULTURE & HORTICULTURE	Degree	Agriculture/Horticulture, Biology, Chemistry, Maths, Computer Skills and English
APPRENTICESHIPS, TRADES Building, Plumbing, Automotive, Electrical etc.		Level 2 English, Maths and Sciences. Workshop Technology, Employment Skills
ARCHITECTURE	Degree Diploma	Level 3 wide range of subjects recommended including Maths, Art, Graphics, Science, Humanities (History / Geography) Physics and 1 subject from Table A Portfolio required Level 2 Maths, Graphics and English
ARMED FORCES	Officers Trades	Level 3, Maths, PE, English, Geography, Physics Level 2 English, Maths, Science, PE
AVIATION		Level 3 Physics, Maths with Calculus and/or Statistics, English, Geography, Computing. Normal colour vision
BANKING		Level 2 minimum Good command of English, Mathematics
BROADCASTING	Degree	University Entrance standard including English
BUSINESS	Degree Diploma	Level 3 Maths, Accounting and/ or Economics, English, Entrepreneurship Level 2 English, Maths, Accounting and/or Economics
CHEF, CATERING		Level 2 English, Maths, Food Technology, Science, Accounting, Economics, French useful
CHEMICAL ENGINEERING	Degree	Level 3 Maths with Calculus, Physics, Chemistry and English
CHILD CARE		Level 2 general subjects including English. Check Training Providers
CLERICAL / RECEPTION		Level 2 English, Maths, Word Processing, Computer skills and Accounting useful
CLOTHING DESIGNER	Degree	University Entrance Standard, Level 3 Art, Graphics and Design, Clothing and Textiles, Accounting, Maths
COMPUTING	Degree Diploma	Level 3, Broad range of subjects including Digital Technology , Maths with Statistics and/or Calculus, Physics, Computing. Aim for excellence Level 2 Subjects as above
DENTAL THERAPY	Technician /Hygienist	Level 3 English, Maths, Biology, Chemistry, PE & Health Level 1 English, Maths Biology, Chemistry, PE & Health
DENTISTRY	Degree	Level 3 Chemistry, Biology, Physics, Maths with Statistics and/or Calculus plus 1 subject from Table A
DESIGN / ART PHOTOGRAPHY	Degree	Level 3 Art/Design/Photography/Graphics plus a broad range of subjects. Portfolio required
DRAUGHTING		Level 2 Maths, Physics. Design Technology, Computer Skills, Graphics and Design (DVC)
ENGINEERING	Degree Diploma Trade	Level 3 Maths with Calculus and Physics, Chemistry. Level 2 Maths with Calculus, Physics, English, Chemistry. Level 1/2 Maths, Science, Metal Shop or Digital/Hard Materials Technology
ELECTRICIAN	Trade	Level 2 English, Maths, Science or Physical Science minimum. Technology (Electronics focus)

ELECTRONICS ENGINEERING	Degree	Level 3 English Maths with Calculus, Chemistry, Physics. Digital Technology
ELECTRONICS TECHNICIAN		Level 2 English, Maths and Physics
FINE ARTS	Degree	2 x Level 3 Practical Arts plus 2 from approved list. Plus Interview & Portfolio
FITNESS INDUSTRY		Level 2 or higher Science, Physical Education, Biology useful. Maths with Statistics recommended
FOOD SCIENCE, BIO-TECHNOLOGY/ DIETITIAN	Degree	Level 3 Maths with Statistics, Biology, Chemistry, PE & Health plus 1 subject from Table A
GRAPHIC DESIGNER		Level 2 Art, Art History, Graphics and Design, English & Mathematics
HAIRDRESSING	Apprenticeship	Level 1 English, Maths, Science
HEALTH SCIENCES Including Medicine, Pharmacy, Physiotherapy	Degree	Preferred excellent results in Level 3 Biology, Chemistry, Physics, English and Maths with Calculus or Statistics plus min 18 credits from List A
HORTICULTURE	Degree Diploma Cadet	Level 3 Maths with Statistics or Calculus, Biology, Chemistry, English, Geography Level 2 English, Maths, Biology Level 2 English, Maths and Science
INTERIOR DESIGN	Diploma	Level 2 English, Art, Art History, Graphics and Design, Maths
JOINER	Trade	Level 1 English, Maths, Science, Workshop Technology – Wood, Graphics & Design
JOURNALISM / COMMUNICATION STUDIES	Degree	Wide range of subjects including a selection of Level 3 English, History, Geography, Classical Studies, Art History, Languages, Drama, Media Studies. Interview required
LAW	Degree	Level 3, 80 Credits with Excellence or Merits Choose the strongest subjects. English, Maths, Geography, History, Science, Drama
MARKETING	Degree Diploma	Level 3 English, Maths with Statistics, Economics, Accounting, Entrepreneurship Level 2 English, Maths, Economics, Accounting, Business
MEDICINE	Degree	Prof. excellence. Level 3 in Biology, Chemistry, Physics, Maths Calculus & Statistics and 1 subject from Table A
MUSIC/SOUND/MEDIA ENGINEER	Degree Diploma	Level 3 subjects including Music Audition and interview required, performance experience recommended
NURSING	Degree	Level 3 English, Maths, Biology, Chemistry, Physics
OCCUPATIONAL THERAPY	Degree	Level 3 English plus any 2 of Biology, Chemistry, Physics or Maths
OFFICE Receptionist / Clerical / Secretarial		Preferred Level 2 in English, Maths, Computing, Business, Accounting
OPTOMETRY	Degree	Level 3 Biology, Chemistry, Physics, Maths with Statistics & Calculus, 1 subject from Table A. Excellence required.
PARKS & RECREATION	Degree	Level 3 English, Biology, Geography, Economics and Maths with Calculus and Statistics
PERFORMING ARTS	Degree	Level 3 English, Classics, History, Media studies, Dance, Drama, Music. Audition required
PHARMACY	Degree	Level 3 Biology, Chemistry, Physics, Maths with Stats or Calc plus 1 subject from Table A
PHARMACY ASSISTANT		Level 1 English, Maths and science
PHYSICAL EDUCATION PHYSIOTHERAPY	Degree Degree	Level 3, Biology, Physics, Maths with Stats Level 2 English. Level 3 Biology, Chemistry, Physics, Maths with Stats or Calc plus 1 subject from Table A
PLUMBING	Trade	Level 1 in 3 subjects. Metal, Maths, English, Graphics & Design, Science useful

POLICE	Constable Degree	Level 2, Min 17 years old, First Aid Cert, Drivers Licence, Level 3 broad range of subjects including English, PE/Health, Maths, Computing Second language useful. Good physical fitness including swimming, no criminal record
PRINTING	Apprentice ship	Level 1 completion and normal colour vision
PSYCHOLOGY	Degree	Level 3 English or language rich subjects i.e. History, Geography. Maths with Stats, Biology
RADIOGRAPHY	Degree	Level 3 English, Maths with Stats, Physics, Biology, Chemistry
SCIENCE	Degree	Level 3 Biology, Chemistry, Physics, Maths with Stats or Calc plus 1 subject from Table A
SOCIAL WORK	Degree	Common University Entrance Requirements Level 3 English, Science, Second language useful
SPEECH THERAPIST	Degree	Level 3 English, Sciences and Language strongly recommended
SPORTS & RECREATION	Degree	Level 3 English, Biology PE & Health, Maths, Entrepreneurship
SURVEYING	Degree Diploma	Level 3 English, Physics, Maths with Stats and Calc, Geography, Graphics and Design, Computing Skills Level 2 English, Maths, Geography, Physics, Computing Skills
TEACHING EDUCATION EARLY CHILDHOOD	Nanny Degree	Level 2 completion including English. Training Providers have different requirements Common University Entrance requirements Level 3 English, broad range of subjects. Languages are useful Level 3 subjects depending on what you want to teach/major in Choose a wide range of subjects
TRAVEL & TOURISM	Degree Diploma	Level 3 English, Maths with Stats, Languages, Geography, Business, Economics Level 2 English, Maths, Languages, Geography, Travel & Tourism, Computing, Employment Skills
VETERINARY SCIENCE	Degree	Level 3 Chemistry, Biology, Physics & Maths with Statistics and/or Calculus, 1 Subject from Table A
VETERINARY NURSE	Diploma	Level 2 English, Maths, Biology

**Choose your subjects carefully so you don't limit your choices**

**Many courses are restricted and will only take the top students so it is advisable to aim for Merits and Excellences in all your subjects**

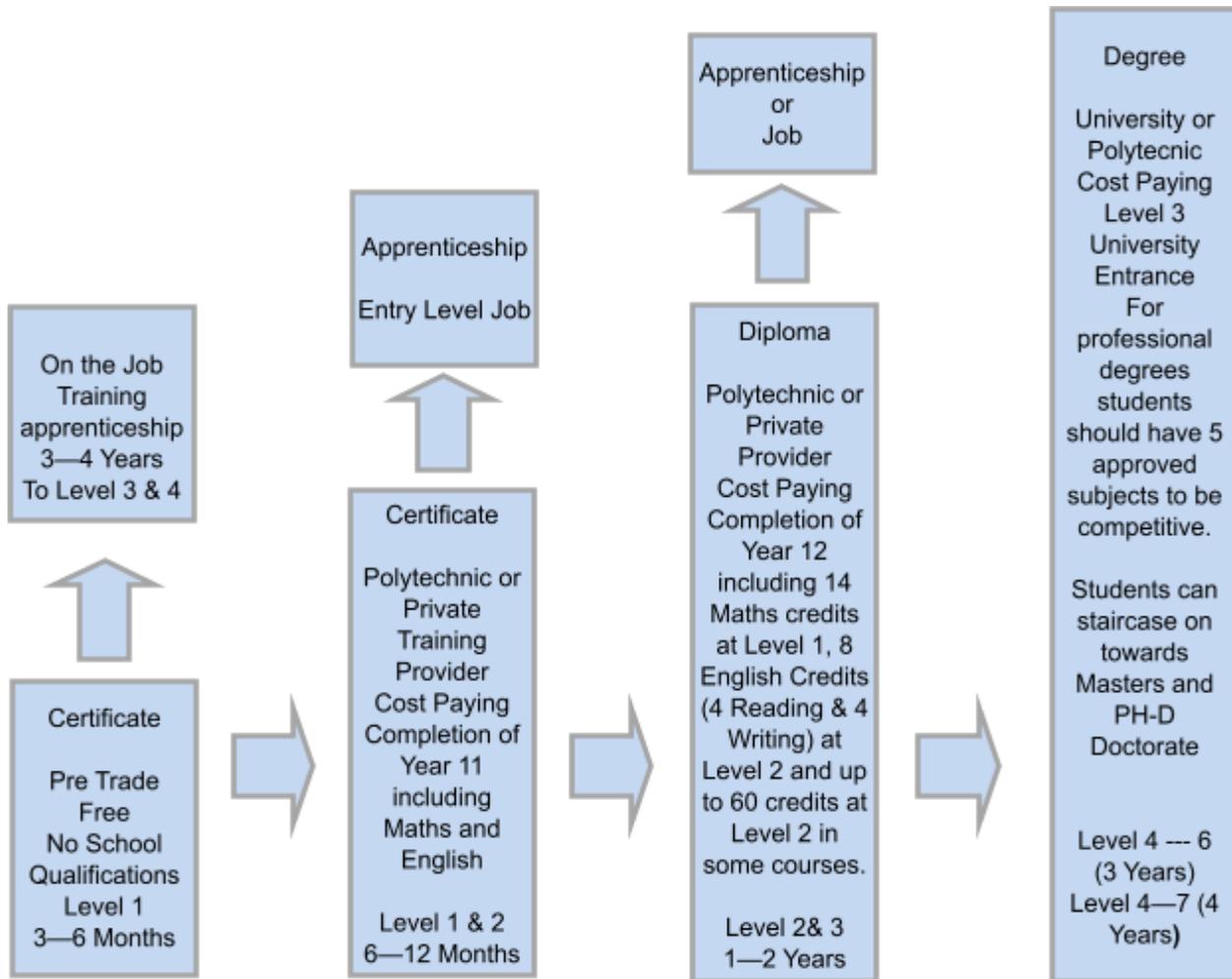
### Will your child be able to change a subject?

Changes beyond Week 3 Term 1 tend to have a strong negative affect on student learning and classes.

They will only be considered if the new subject fits into the timetable alongside your child's other subjects and if they are necessary for a career option

# Staircasing Model

This Model demonstrates how the NCEA Framework is transferable between school, industry and other Tertiary Providers.



## Tertiary Institute Websites

### Universities

University of Auckland	<a href="http://www.auckland.ac.nz">www.auckland.ac.nz</a>
- Student Recruitment	<a href="http://www.auckland.ac.nz/newstudents">www.auckland.ac.nz/newstudents</a>
Massey University	<a href="http://www.massey.ac.nz">www.massey.ac.nz</a>
- Albany	
- Palmerston North	
- Wellington	
University of Waikato	<a href="http://www.waikato.ac.nz">www.waikato.ac.nz</a>
Victoria University	<a href="http://www.vuw.ac.nz">www.vuw.ac.nz</a>
University of Canterbury	<a href="http://www.canterbury.ac.nz">www.canterbury.ac.nz</a>
Lincoln University	<a href="http://www.lincoln.ac.nz">www.lincoln.ac.nz</a>
University of Otago	<a href="http://www.otago.ac.nz">www.otago.ac.nz</a>

### Other

Auckland University of Technology	<a href="http://www.aut.ac.nz">www.aut.ac.nz</a>
Unitec	<a href="http://www.unitec.ac.nz">www.unitec.ac.nz</a>
Manukau Institute of Technology	<a href="http://www.manukau.ac.nz">www.manukau.ac.nz</a>
Northtec	<a href="http://www.northland.ac.nz">www.northland.ac.nz</a>
Waikato Institute of Technology	<a href="http://www.wintec.ac.nz">www.wintec.ac.nz</a>
Bay of Plenty Polytechnic	<a href="http://www.boppoly.ac.nz">www.boppoly.ac.nz</a>
Wellington Institute of Technology	<a href="http://www.weltec.ac.nz">www.weltec.ac.nz</a>
Open Polytechnic of NZ	<a href="http://www.topnz.ac.nz">www.topnz.ac.nz</a>
Wellington College of Education	<a href="http://www.wce.ac.nz">www.wce.ac.nz</a>
Whitireia Community Polytechnic	<a href="http://www.whitireia.ac.nz">www.whitireia.ac.nz</a>
Tai Poutini Polytechnic	<a href="http://www.taipoutini.ac.nz">www.taipoutini.ac.nz</a>
Christchurch College of Education	<a href="http://www.cce.ac.nz">www.cce.ac.nz</a>
Christchurch Polytechnic	<a href="http://www.cpit.ac.nz">www.cpit.ac.nz</a>
Dunedin College of Education	<a href="http://www.dce.ac.nz">www.dce.ac.nz</a>
Otago Polytechnic	<a href="http://www.tekotago.ac.nz">www.tekotago.ac.nz</a>
Southern Institute of Technology	<a href="http://www.sit.ac.nz">www.sit.ac.nz</a>
Database for scholarships, grants and awards available for Maori TEC (Tertiary Education Commission)	<a href="http://www.tetapuae.co.nz">www.tetapuae.co.nz</a> <a href="http://www.tec.govt.nz">www.tec.govt.nz</a>

Modern apprenticeships by industry found in the TEC website under ITO's.

## Academies / STP's

Year 12/13 students may apply for a place at an Academy or/and an STP Course.

Student selection is dependent on career pathway, ability and commitment to reach the expectations of and attendance at a course. Students will spend one or two days at the academy of their choice and/or at work experience and the rest of the week at school.

Acceptance on an academy course is not guaranteed. All students who wish to attend an Academy will be interviewed as to their suitability not only by our School but also by the tertiary provider.

Those accepted will gain valuable experience and credits towards their chosen career/vocational pathway.

Academies/STPs available in 2020: Level 2 Automotive, Level 2 Construction, Level 2 Health, L2 Hair and Beauty, and Level 3 Cookery.

## Vocational Pathways

All Year 12 and 13 students will be able to have their NCEA Level Certificate endorsed with a vocational pathway endorsement/s. This will indicate the career pathway/s in which a student excels. Prospective

employers will be able to use this information to understand a student's strengths and how he or she might fit into a particular sector of work.

So when selecting school subjects, students and families need to take into account the achievement and unit standards which are linked with a particular career pathway. For more information please visit the following websites:

[www.youthguarantee.govt.nz](http://www.youthguarantee.govt.nz),

[www.careers.govt.nz](http://www.careers.govt.nz)

[www.justthejob.co.nz](http://www.justthejob.co.nz)

[www.gotatrade.co.nz](http://www.gotatrade.co.nz)



## Pre NCEA Level Courses

Stationery requirements and recommendations available online at Office Max or from the school office.

It is beneficial for students wanting to study a language at an NCEA level to have an early start at learning that language.

Beginner (Year 9) and Pre NCEA level (Year 10) Language courses are available to students here at Excellere College via timetabled video conference lessons from the Online Learning Community.

The Online Learning Community (OLC) is a cluster of schools providing learning opportunities for schools to better meet the needs of their students. Below is a list of video conference based courses available within the OLC in 2022.

Languages & Cultural Studies		
Chinese (Mandarin)	Korean	Spanish
French	Latin	Te Reo Maori
German	Samoan	Tongan
Japanese		

To be successful students learning a language need strong support from home and from others who also speak the language they are learning.

Specific information about courses offered by our local cluster **FarNet** can be found at <https://farnet.school.nz/Courses>.

Please see the section titled *Distance Learning* in this booklet for further information or check with the e-Dean to ensure you have the most up to date information

## NCEA Level 1 Courses

Stationery requirements and recommendations available online at Office Max or from the school office.

### Christian Living

#### Prerequisite (or approved by HOD)

No prerequisite

#### Course Description

Level 1 Christian Living will complete two NCEA Level 1 Religious Studies standards. These include study of a book of the Bible, its origins, transition over time, the original author and their understanding of it. What authority does it have within Christian tradition? What meaning does it have today considering its genre and features?

Study of key beliefs, which includes identifying key beliefs, their origins and their meanings, significance and links between origins and meanings describing wider implications of key beliefs.

#### Stationery Required

Ringbinder with refill, copysafe pockets and dividers (can be shared with other subjects)

#### Credits Available

Internal	12	External	0
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### Design & Visual Communication (DVC)

#### Prerequisite

To qualify for Level 1 DVC you need to have some artistic ability, a good eye for detail, be able to manage self, and work with a strong degree of independence. A computer with internet access at home is essential. Placement is at the discretion of the Technology Learning Area Leader.

#### Course Description

Will work from a number of design briefs throughout the year to complete the required drawings by participating in technological research, designing and drawing to scale and perspective, etc. The development of scale prototype(s) on our 3D printer is included. This Students subject is completed as a digital portfolio throughout the year and standards selected for assessment will reflect individual student strengths and abilities.

Students will also gain experience with managing their own web-based portfolio, online blog and Youtube channel.

#### Credits Available

Internal	13-16	External	3-9
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### English

#### Prerequisite

Year 10 English			
<b>Course Description</b>			
<p>There are three external standards which involve studying Written texts (one or two from: Novel, Short Story, Poetry, Feature articles, Blogs, Non fiction), Visual or Oral texts (one of: Feature film, documentary, TV episode, Speech, Radio programme), Unfamiliar Text or comprehension across a range of text types - narrative, poetry, non fiction. Essay answers are required for Written and Visual Texts, and long answers for Unfamiliar Texts.</p> <p>Internal standards cover a range including Writing Portfolio - creative and formal, Reading Responses, Information Literacy (Research), Speeches, Static Images, Connections - common links across a range of texts.</p> <p>All students will do the Writing, Information Literacy and Unfamiliar Text standards. These will provide a possible 14 credits. Students will choose between Internal and External Standards for the rest of their course. N.B. Students wanting to do full English at Level 2 need to focus on the External Standards. Students not intending to study English at Level 2 or take the UE English course can focus on Internal Standards.</p>			
<b>Credits Available</b>			
Internal	14	External	12

<b>Health</b>			
<b>Prerequisite</b>			
Year 10 Health			
<b>Course Description</b>			
<p>Level 1 Health teaches the student about the components of their wellbeing, how these are affected in a crisis or a period of change, and strategies to use that can be helpful. Students will also learn about how Drugs such as Marijuana, Alcohol and tobacco affect their wellbeing, and strategies to put in place to minimise the harm of these on society.</p> <p>Interpersonal skills are also a key focus for learning. Students learn such skills as how to listen and communicate effectively, how to problem solve and be assertive. This is a great course for anyone wishing to pursue a career that is people oriented, or part of the health profession.</p>			
<b>Credits Available</b>			
Internal	12	External	8

<b>Hospitality</b>			
<b>Prerequisite</b>			
Have proven themselves to have a good all round aptitude in Year 10 Food Technology and an interest in Hospitality. Places are limited.			
<b>Course Description</b>			
This course provides students with an introduction to working in the hospitality industry. It has both practical and theory components.			

It is expected that students on this course will also attend the Level 2 Food and Beverages course which is 6 days duration during term time.

#### Credits Available

Internal	20	External	0
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## Mathematics and Statistics

#### Prerequisite

Over 50% in Y10 Mathematics final examination

#### Course Description

This course consolidates work from previous years in mathematics then explores and develops content and processes from Level 6 of the New Zealand Mathematics and Statistics Curriculum. Topics studied include number, geometry, algebra, graphs and statistics, and are presented within a range of meaningful contexts. An emphasis is placed on problem solving and investigation techniques, equipping students with higher order thinking skills necessary for life learning.

There will be two streams in this subject: One that does 2-3 externals for those expecting to go on in Maths and Sciences (with a strong emphasis on algebra), and a second stream that focuses on all internal assessments, basic numeracy and practical maths (for a similar credit total).

#### Credits Available

Internal	8	External	12
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## Music

#### Prerequisite (or approved by HOD)

Minimum of 2 year's tuition in a chosen instrument to sit Level 1 performance. Minimum of one year's equivalent classroom training in aural skills and music theory is needed to successfully complete Level 1 aural and score reading external examinations.

#### Course Description

Depending on prior experience students could choose to sit Performance, Composition, Aural (listening) skills and fundamentals of music (score reading and theory) at Level 1.

Due to the performance nature of this course, each student should receive music tuition in their chosen instrument throughout the course of the year and commit to practising on a regular basis.

Additional credits are available to students who have an extensive background in sight reading, music theory and research skills.

#### Stationery required

Headsets recommended, Lever Arch file with refill paper and manuscript paper.

#### Credits Available

Internal	24	External	0
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## Physical Education

### Prerequisite

Year 10 PE

### Course Description

Skills developed in Health and Physical Education include leadership, teamwork, research, critical thinking, decision making, effective communication, interpersonal and intrapersonal, knowledge and understanding of physical activity and movement, personal and social development, self motivation; physical skills.

The course focuses on:

- Experiencing a range of activities. Students will participate in a range of physical activities and will understand the sociocultural factors that influence their performance.
- Biomechanics- Students will learn the main muscles and bones of the human body, and will be able to explain how they function to perform in a sporting context. They will also learn physiological adaptations to exercise, as well as the ability to train effectively in a range of circumstances.
- “What is it about physical activity and health”? Students will take a more in depth examination about the relationship between physical activity and health.

### Stationery Required

1x 1B8 exercise book

### Credits Available

Internal	20	External	0
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## Science

### Prerequisite

Minimum achievement for Science in Y10 and a willingness to participate in all learning tasks is expected. It should be noted that the content is most suited to students with strong English and Mathematical skills.

### Course Description

This Science course is the pathway for students who want to study any combination of Level 2 Science subjects at Year 12 and beyond and is a must for students intending to pursue tertiary study involving science, engineering or medicine and useful for those seeking employment in the trades.

Units of work covered:

- Genetics
- Acids and bases
- Mechanics
- Reactions and Properties of groups of substance
- Linear relationships of mass, force and energy
- Practical investigation in Biology

### Stationery Required

2 x 1B8 exercise books

### Credits Available

Internal	12	External	12
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## Technology – Digital & Generic

### Prerequisite

A computer with Internet access at home

### Course Description

Built around a flexible, blended online learning model this course allows students to work on an agreed technological project to create a real world outcome that matches their proposed career pathway. This could come from a range of technological fields from video editing, website development, 3D design and modelling, computers/microprocessor programming & interfacing, robotics, etc.

Evidence of achievement will be collected over the course of the year and presented by the student as a portfolio of work. Achievement standards will be selected according to individual project requirements and the strengths of the learner. As part of their project development students will have the opportunity to consult with key project stakeholders and external specialists as part of the process.

The course includes access to advanced technological tools including 3D printers, laser cutters. Students will also gain experience with managing their own web-based portfolio, online blog and Youtube channel.

### Credits Available

Internal	14-17	External	3-6
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## Visual Art

### Prerequisite (or approved by HOD)

Year 10 Visual Art passed with High Achievement or above.

### Course Description

Students selecting this course must average a close Merit or above in Year 10 for Visual Art (any other entries will be at the discretion of the teacher.)

Students must also be prepared to make a very real commitment to completing all requirements within the deadlines. Art can take a lot of time and the course requires a large workload. Students should also be prepared to take risks, make mistakes and try new things, creating artwork that pushes them beyond where they would have gone before.

At Level 1 the biggest hindrance in this subject is low confidence and slow work completion, not low ability. Students may be expected to spend one afternoon a week in the art room during Terms 2 & 3.

### Stationery Required

1 x A4 spiral bound visual diary  
 1 x HB pencil 1 x 6B pencil  
 Recommended: 1 x brush set - 4 round, 4 flat

### Credits Available

Internal	10	External	12
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## Distance Learning Subjects at Level 1

The Online Learning Community (OLC) is a cluster of schools providing learning opportunities for schools to better meet the needs of their students. Below is a list of video conference based courses available within the OLC in 2022.

Main Stream Subjects	Languages & Cultural Studies
NCEA Level 1	Chinese (Mandarin)
Accounting	Cook Island Maori
Economics	French
Geography	German
History	Japanese
Social Studies	Korean
Drama	Latin
	Samoan
	Spanish
	Te Reo Maori
	Tongan

Specific information about courses offered by our local cluster **FarNet** can be found at <https://farnet.school.nz/Courses>.

Please see the section titled *Distance Learning* in this booklet for further information or check with the e-Dean to ensure you have the most up to date information.

## NCEA Level 2 Courses

Stationery requirements and recommendations available online at Office Max or from the school office

Art Design			
<b>Prerequisite</b>			
Level 1 Visual Art passed with Merit or above, or prior Photoshop experience			
<b>Course Description</b>			
Students selecting this course should average a Merit or above for Level 1 Visual Art (any other entries will be at the discretion of the teacher).			
Students must also be prepared to make a very real commitment to working independently and completing all requirements within the deadlines. Knowledge of Photoshop is an advantage. Students will largely be working on computers for this course as the course is digitally based, although drawing and photography may also be used.			
<b>Stationery Required</b>			
1 x A4 spiral bound visual diary 1 x HB pencil 1 x 6B pencil			
<b>Credits Available</b>			
Internal	8	External	12

Barista ½ Course + Work Experience			
<b>Prerequisite</b>			
Have demonstrated a positive attitude and work ethic Places are limited			
<b>Course Description</b>			
Learn how to make industry standard coffee, practise your skills and gain credits while you're doing it. Students are expected to attend work experience.			
<b>Credits Available</b>			
Internal	8	External	

Biology			
<b>Prerequisite</b>			
Successful completion of Achievement Standards for Biology at Level 1 Science and 16 credits.			
<b>Course Description</b>			

This course builds on the concepts learned at L1 Science and explores aspects of biology needed to succeed at university majors where biology is an important component. This is an excellent platform for ongoing study in the sciences especially when combined with Level 2 Chemistry or Physics. Topics covered include:

- Biological relationships
- Biological investigation
- Cellular biology and micro-organisms
- Genetic variation and change
- Gene expression

### Stationery Required

2 x 1B8 exercise books or file with refill

### Credits Available

Internal	8	External	12
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## Chemistry

### Prerequisite

Successful completion of external Achievement Standards for Chemistry and 16 credits at Level 1 Science.  
English Level 2 and Math Level 2

### Course Description

This course builds on the concepts learned at L1 Science and explores aspects of chemistry needed to succeed at university majors where chemistry is an important component. This is an excellent platform for ongoing study in the sciences especially when combined with Level 2 Physics or Biology.

Topics covered include:

- Atomic structure and molecular bonding
- Chemical reactivity
- Organic chemistry
- Analytical chemistry
- Redox reactions

### Stationery Required

2 x 1B8 exercise books or file and refill  
Calculator is recommended by NZQA

### Credits Available

Internal	7	External	13
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## Christian Living

### Prerequisite

None Required

### Course Description

Two NCEA Level 2 Religious Studies Standards.

Study of a theme e.g. Love in a book of the Bible explaining how it is conveyed, its significance and its wider implications.

Study how a contemporary social action derives from ethical principles of Christianity.

### Stationery Required

Ringbinder with refill, copysafe pockets and dividers. (Share with other subjects)

### Credits Available

Internal	12	External	0
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## Design and Visual Communication (DVC)

### Prerequisite

To qualify for Level 2 DVC you need to have some artistic ability, a good eye for detail and gained L1 Numeracy. Placement is at the discretion of the Technology Learning Area Leader.

### Course Description

Students will work from a number of design briefs throughout the year to obtain the required drawings by participating in technological research, design and idea creation, drawing to scale and perspective, etc. The development of scale prototype(s) using our 3D printers is included. Completed as a portfolio throughout the year, standards selected for assessment will reflect individual student strengths and abilities.

Students will also gain experience with managing their own web-based portfolio, online blog and Youtube channel.

### Credits Available

Internal	13-16	External	3-9
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## Digital Technology - Digital & Generic

### Prerequisite

L1 Technology Preferred though not compulsory

### Course Description

Built around a flexible, blended online learning model this course allows students to work on an agreed technological project to create a real world outcome that matches their proposed career pathway. This could come from a range of technological fields from video editing, website development, 3D design and modelling, computers/microprocessor programming & interfacing, robotics, etc.

Evidence of achievement will be collected over the course of the year and presented by the student as a portfolio of work. Achievement standards will be selected according to individual project requirements and the strengths of the learner. As part of their project development students will have the opportunity to consult with key project stakeholders and external specialists as part of the process.

The course includes access to advanced technological tools including 3D printers, laser cutters, etc.

Students will also gain experience with managing their own web-based portfolio, online blog and Youtube channel.

### Stationery Required

Home computer & internet access

### Credits Available

Internal	13-17	External	3-6
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## English

### Prerequisite

16 credits including one external standard at Level 1

### Course Description

This course covers the English curriculum requirements at curriculum level 7 and provides the reading and writing credits required for University Entrance. It leads on to studying English at Year 13. The standard required in Level 2 English is a significant advance on Level 1.

### Stationery Required

Ringbinder with refill, copysafe pockets and dividers. (Share with other subjects)

### Credits Available

Internal	14-17	External	4-12
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## English UE

### Prerequisite

10 credits at Level 1

### Course Description

This course covers the English curriculum requirements at curriculum level 7 and provides the reading and writing credits required for University Entrance. The standard required in UE English is an advance on Level 1.

### Stationery Required

Ringbinder with refill, copysafe pockets and dividers. (Share with other subjects)

### Credits Available

Internal	14	External	0
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## Health

<b>Prerequisite</b>			
Level 1 Health or HOD discretion			
<b>Course Description</b>			
Level 2 Health continues with the themes of Hauora developed in Level 1. Students learn to take action to enhance an area of wellbeing within the school community. There is a lot of follow on from level 1 Health and so those who achieve well in Level 1 can expect to do well in Level 2.			
<b>Stationery required</b>			
1B8 exercise book			
<b>Credits Available</b>			
Internal	10	External	8

<b>Hospitality</b>			
<b>Prerequisite</b>			
Have proven themselves to have a good all round aptitude in Level 1 hospitality, or at the discretion of the teacher.			
<b>Course Description</b>			
This course continues to develop essential skills for the Hospitality industry. It is expected that students on this course attend the Level 3 Food and Beverages course which is 6 days during term time.			
<b>Credits Available</b>			
Internal	18	External	0

<b>Mathematics and Statistics</b>			
<b>Prerequisite</b>			
At least 16 Level 1 Mathematics and Statistics credits, at least one of these externals AS 1.2 Algebra or 1.3 Tables, equations and graphs.			
<b>Course Description</b>			
NCEA Level 2 is when students first begin to study mathematics in some depth. Topics studied are Algebra, Statistics, Probability, Non-linear Graphs and Calculus - leading onto L3 Mathematics and/or Statistics.			
Students are equipped to think critically and to solve problems in a wide range of meaningful contexts. L2 Biology & L2 Chemistry students should be taking L2 Maths; L2 Physics students must take this course, focussing on Algebra/Calculus. Also essential for possible Engineering students. Suitable non-algebra students may focus on Statistics and/or internals only.			
<b>Stationery Required</b>			

A graphics calculator (e.g. Casio fx 9750 GII) is strongly recommended for this course and also for assessments.

Maths MA4 quad exercise book may be useful, including for graphing.

### Credits Available

Internal	14	External	13
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## Music

### Prerequisite

Minimum of three year's tuition in a chosen instrument to sit Level 2 performance.

### Course Description

Depending on prior experience and external results from previous years, students will choose to research Performance, Composition, Aural (listening) and fundamentals of music (score reading and theory) at either Level 1 or 2.

Due to the performance nature of this course, each student should receive music tuition in their chosen instrument throughout the course of the year and commit to practising on a regular basis. All students should meet competency criteria in music performance and aural skill,

Tuition in other instruments is offered at school through Mix it up Music school, at a cost.

Additional credits are available to pupils who have an extensive background in sight reading and/or music theory.

### Stationery Required

Instrument required. Headsets are recommended.  
Lever Arch file with refill paper and manuscript paper.

### Credits Available

Internal	19	External	0
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## Painting

### Prerequisite

Level 1 Visual Art passed with close Merit or above

### Course Description

Students selecting this course should average a Merit or above in their Level 1 Visual Art (any other entries will be at the discretion of the teacher).

Students must also be prepared to make a very real commitment to completing all requirements within the deadlines. Art can take a lot of time and the course requires a large workload. Students need to be committed to working quickly and independently through this large workload.

Students should also be prepared to take risks and step out of their comfort zone creating art that pushes them beyond where they would have gone before. Students may be expected to spend one afternoon a week in the art room during Terms 2 & 3.

<b>Stationery Required</b>			
1x A4 spiral bound visual diary 1x HB pencil 1x 6B pencil Recommended: 1x Brush set - 4 round, 4 flat			
<b>Credits Available</b>			
Internal	8	External	12

<b>Photography</b>			
<b>Prerequisite</b>			
Level 1 Visual Art passed with Merit or above, or prior photographic and Photoshop experience.			
<b>Course Description</b>			
Students selecting this course should average a Merit or above for Level 1 Visual Art (any other entries will be at the discretion of the teacher).			
Students must also be prepared to make a very real commitment to working independently and completing all requirements within the deadlines. Knowledge of Photoshop is an advantage. Students will largely be working on computers for this course as the course is digitally based. Students doing photography will need regular access to their own digital HDR camera (SLR cameras preferred).			
<b>Stationery Required</b>			
1x A4 spiral bound visual diary 1x HB pencil 1x 6B pencil			
<b>Credits Available</b>			
Internal	8	External	12

<b>Physical Education</b>			
<b>Prerequisite</b>			
10 Level 1 PE credits including Biomechanics			
<b>Course Description</b>			
Skills developed in Health and Physical Education include leadership, teamwork, research, critical thinking, decision making, effective communication, interpersonal and intrapersonal, knowledge and understanding of physical activity and movement, personal and social development, self motivation; physical skills. The course focuses on:			
<ul style="list-style-type: none"> <li>Leading the Team. Students will learn to plan and apply leadership strategies with different groups of students in physical activity contexts. They will also learn about safety issues and how to put a safety action plan into action.</li> <li>Improving my performance. Students use biophysical principles such as skill learning, psychological skills, functional anatomy and biomechanics which can help improve their sporting performance.</li> </ul>			

Within this unit students will also gain an understanding of the principles and methods needed to train effectively for a physical activity performance now and in the future. They will examine issues surrounding a significant sport event, for example, the Olympics, the Rugby World cup and how these impact on self, others and society. Students will have the opportunities to be assessed against nationally developed performance standards.

- “What is it about physical activity and health?” Students will take a more in depth examination about the relationship between physical activity and health.

### Stationery Required

1B8 Exercise book

### Credits Available

Internal	20	External	0
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## Physics

### Prerequisite

Successful completion of external Achievement Standards for Physics at Level 1 Science **and** Level 1 Mathematics and Statistics Achievement Standards 1.2 Algebra and/or 1.3 Tables, equations and graphs.

### Course Description

This course builds on the concepts learned in L1 Science and explores aspects of Physics necessary for many trades and for further study in the sciences, including Engineering and Medicine. Topics include Mechanics, Light and Waves, Measurement of physical quantities and Non-linear Relationships, Electricity and Magnetism, and Atomic and Nuclear physics.

### Stationery Required

A scientific calculator is recommended by NZQA, though a graphics calculator (e.g. Casio fx 9750GII) would be an advantage.

A4 exercise book (math grid) for graphing

NOTE: Suitable Year 11 students who have already achieved with Excellence at L1 Mathematics, (in their Y10 year), may be permitted to study L1 Science and L2 Physics concurrently, or jump to L2 Physics. They must study L2 Mathematics/Algebra as well.

### Credits Available

Internal	7	External	16
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## Distance Learning Subjects at Level 2

The Online Learning Community (OLC) is a cluster of schools providing learning opportunities for schools to better meet the needs of their students. Below is a list of video conference based courses available within the OLC in 2022.

Main Stream Subjects	Languages & Cultural Studies
Accounting	Chinese (Mandarin)
Business Studies	Cook Island Maori
Classical Studies	French
Economics	Japanese
Geography	Korean
History	Latin
Media Studies	Samoan
Psychology	Spanish
Philosophy	Te Reo Maori
Social Studies	Tongan
Agricultural and Horticultural Science	
Agriculture	
Equine Studies	
Drama	
Electronics & Electrical Engineering	

Specific information about courses offered by our local cluster **FarNet** can be found at <https://farnet.school.nz/Courses>.

Please see the section titled *Distance Learning* in this booklet for further information or check with the e-Dean to ensure you have the most up to date information

## NCEA Level 3 Courses

Stationery requirements and recommendations available online at Office Max or from the school office.

Art Design			
<b>Prerequisite</b>			
Level 2 Design			
<b>Course Description</b>			
<p>Students selecting this course should average a Merit or above for Level 2 Design (any other entries will be at the discretion of the teacher).</p> <p>Students must also be prepared to make a very real commitment to working independently and completing all requirements within the deadlines. Knowledge of Photoshop is required. Students will largely be working on computers for this course as the course is digitally based, although drawing and photography may also be used.</p>			
<b>Stationery Required</b>			
1x A4 spiral bound visual diary 1x HB pencil   1x 6B pencil			
<b>Credits Available</b>			
Internal	8	External	14

Barista ½ Course + Work Experience			
<b>Prerequisite</b>			
Have demonstrated a positive attitude and work ethic Places are limited			
<b>Course Description</b>			
This course covers: <ul style="list-style-type: none"> <li>Coffee heritage, production and culture.</li> <li>The preparation and presentation of espresso beverages in the hospitality industry.</li> <li>Students are expected to attend work experience.</li> </ul>			
<b>Credits Available</b>			
Internal	8	External	

Biology			
<b>Prerequisite</b>			
Level 2 Biology			

## Course Description

This course builds on the concept taught in Level 2 Biology and explores the aspects of the subject needed to succeed at major NZ Universities.

Strong written English and Maths skills are needed.

Topics include:

- Genetic variation and change
- Biotechnology
- Biological relationships
- Homeostasis

## Stationery Required

2x 1B8 exercise books  
Ringbinder with refill

## Credits Available

Internal	11	External	9
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## Calculus

### Prerequisite

At least 16 Level 2 Mathematics and Statistics credits, including;

- 2.2 Graphs (4 credits)
- 2.6 Algebra (4 credits)
- 2.7 Calculus (5 credits)

### Course Description

This course is based on content from Level 8 of the New Zealand Mathematics and Statistics Curriculum.

Topics studied are chosen from the following;

- 3.5 Algebra of Complex Numbers
- 3.6 Differentiation
- 3.7 Integration
- 3.3 Trigonometry
- 3.15 Systems of Equations.

There is a strong algebraic emphasis and students are required to interpret situations in context and apply new skills to solve problems. Students are expected to have regular Calculus slots in their Home Learning Timetable so that they cover sufficient work individually to adequately reinforce the learning done in class.

### Stationery Required

A graphics calculator (e.g. Casio fx 9750 GII) is essential for this course and also for assessments.

Maths MA4 quad exercise book may be useful, including for graphing.

*NOTE: Suitable students may be approved to focus on a mix of Calculus and Statistics, and/or internals vs externals, depending on their future study/career plans.*

### Credits Available

Internal	7	External	17
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## Chemistry

### Prerequisite

Successful completion of external Achievement Standards for L2 Chemistry and 16 credits at Level 2 Science and L2 Mathematics.

### Course Description

This course builds on the concepts learned at L2 and extends aspects of chemistry needed to succeed at university majors where chemistry is an important component. This will suit students intending to study majors in biological sciences, engineering and technology.

Topics covered include:

- Atomic structure and molecular bonding
- Chemical reactivity
- Organic chemistry
- Chemistry investigation
- Spectroscopy

### Stationery Required

2 x 1B8 exercise books or file with refill

### Credits Available

Internal	7	External	15
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## Digital/Generic Technology

### Prerequisite

L2 Technology Preferred though not compulsory

### Course Description

Built around a flexible, blended online learning model this course allows students to work on an agreed technological project to create a real world outcome that matches their proposed career pathway. This could come from a range of technological fields from video editing, website development, 3D design and modelling, computers/microprocessor programming & interfacing, robotics, etc.

Evidence of achievement will be collected over the course of the year and presented by the student as a portfolio of work. Achievement standards will be selected according to individual project requirements and the strengths of the learner. As part of their project development students will have the opportunity to consult with key project stakeholders and external specialists as part of the process.

The course includes access to advanced technological tools including 3D printers, laser cutters, etc. Students will also gain experience with managing their own web-based portfolio, online blog and Youtube channel.

### Stationery Required

Home computer & internet access

### Credits Available

Internal	13-17	External	3-6
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## Digital Visual Communication (Graphics)

### Prerequisite

To qualify for Level 3 DVC you **must** have completed at least L1 or L2 DVC and gained L1 Numeracy. Placement is at the discretion of the Learning Area Leader for Technology.

### Course Description

Students will work from a number of design briefs throughout the year to obtain the required drawings by participating in technological research, design and drawing to scale, perspective, etc. The development of scale models and/or prototype(s) on our laser cutter and 3D printers is included. Completed as a portfolio throughout the year, standards selected for assessment will reflect individual student strengths and abilities.

Students will also gain experience with managing their own web-based portfolio, online blog and Youtube channel.

### Credits Available

Internal	16	External	9
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## English

### Prerequisite

16 Credits at level 2 including one external standard

### Course Description

This course is for those who have strong English skills and those who may want to study Language, Arts, Social Sciences or any area requiring strong language skills at University. It includes a writing portfolio, responding critically to written and visual texts and a literacy essay.

### Stationery Required

Lever Arch A4 File with 10 Tab dividers and refill. A4 copysafe pockets. (Share with other subjects)

### Credits Available

Internal	6-10	External	8-12
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## Health

### Prerequisite

Level 2 Health or HOD discretion

### Course Description

Level 3 Health is a course suited to any individual looking to pursue a career in the humanities or human science industry. Students will investigate their own choice of a disease, will research different medicines, and look at health issues in New Zealand.

This course helps students develop critical thinking skills and is a great step towards university.

<b>Stationery required</b>			
1B8 exercise book			
<b>Credits Available</b>			
Internal	14	External	5

<b>Music</b>			
<b>Prerequisite</b>			
Minimum of 4 year's tuition in a chosen instrument to sit Level 3 performance			
<b>Course Description</b>			
<p>Depending on prior experience, students could choose to sit performance, composition, aural (listening) standards and fundamentals of music (score reading and theory) at either Level 2 or 3. Students may complete a combination of different levels.</p> <p>Due to the performance nature of this course, each student should receive music tuition in their chosen instrument throughout the course of the year and commit to practising on a regular basis. All students should meet competency criteria in music performance and aural skills.</p>			
<b>Stationery Required</b>			
Headsets recommended.			
<b>Credits Available</b>			
Internal	24	External	0

<b>Painting</b>			
<b>Prerequisite</b>			
Level 2 Painting passed with Merit or above			
<b>Course Description</b>			
<p>Students selecting this course should average a Merit or above for their Level 2 Visual Art Board (any other entries will be at the discretion of the teacher).</p> <p>Students must also be prepared to make a very real commitment to completing all written and drawing requirements within the deadlines. Art will take a lot of time and the course requires a large workload. Students need to be committed to working quickly and independently through this workload. Students should also be prepared to take risks and create art that pushes them beyond where they have been before. The Level 3 Art program may be timetabled alongside the Level 2's, so the ability to be self motivated and an independent worker is vital.</p>			
<b>Stationery Required</b>			
1x A4 spiral bound visual diary 1x HB pencil 1x 6B pencil Recommended: 1x Brush set - 4 round, 4 flat			

Credits Available			
Internal	8	External	14

## Photography

### Prerequisite

Level 2 Photography passed with Merit or above. Knowledge of Photoshop

### Course Description

Students selecting this course should average a Merit or above on their Level 2 Photography Board (any other entries will be at the discretion of the teacher).

Students must also be prepared to make a very real commitment to working independently and completing all requirements within the deadlines. Knowledge of Photoshop is a prerequisite. Students will largely be working on computers for this course as the course is digitally based, though drawing and photography will also be used.

### Stationery Required

1x A4 spiral bound visual diary  
 1x HB pencil  
 1x 6B pencil

### Credits Available

Internal	8	External	14
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## Physical Education

### Prerequisite

16 Level 2 credits

### Course Description

The course focuses on:

- Improving my performance. Students will appraise their own performance using biophysical principles, such as functional anatomical, biomechanical, fitness and game play knowledge. They will plan a programme to improve their performance and will have the opportunity to be assessed against National performance standards.
- Students will examine a current trend, which is impacting on NZ society. Within this unit, students will put in place an action plan to influence participation of others.
- Planning a physical activity programme and after its completion will review their experience and its impact on their wellbeing. This gives students a taste of what it would be like to be a personal trainer.

### Stationery Required

1B8 Exercise Book

Credits Available			
Internal	20	External	0

## Physics

### Prerequisite

Successful completion of external Achievement Standards for Level 2 Physics **and** Level 2 Mathematics and Statistics.

### Course Description

This course is the natural next step for Level 2 Physics students who wish to further their career in the fields of engineering, communications technology or the sciences generally - at polytech or university. Topics are selected from Wave systems, Mechanical systems, Modern physics, Electrical systems and a practical investigation. (Two internals and three externals.)

### Stationery Required

A scientific calculator is recommended by NZQA, though a graphics calculator (e.g. Casio fx 9750 GII) would be an advantage.  
1B8 exercise book.

### Credits Available

Internal	7	External	12
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## Statistics

### Prerequisite

At least 16 Level 2 Mathematics and Statistics credits, including;

- 2.9 Statistics (4 credits)
- 2.12 Probability (4 credits)
- Or all the statistics papers covered in Y12

### Course Description

This course is based on content from Level 8 of the New Zealand Mathematics and Statistics Curriculum. Topics studied are chosen from the following;

- 3.8 Time Series
- 3.9 Bivariate Data
- 3.10 Statistical Inference
- 3.13 Probability Concepts
- 3.14 Probability Distributions
- 3.15 Systems of Equations

Content studied at Level 2 is expanded on and refined. Students will need to be able to work independently and use resources on-line. This subject is for those needing maths for university study, but with a lot less algebra

### Stationery Required

A graphics calculator (eg Casio fx 9750 GII) is highly recommended for this course and also for assessments.

Maths MA4 quad exercise book may be useful, including for graphing.

*NOTE: Suitable students may be approved to focus on a mix of Calculus and Statistics, and/or internals vs externals, depending on their future study/career plans.*

**Credits Available**

Internal	15	External	8
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## Distant Learning Subjects at Level 3

The Online Learning Community (OLC) is a cluster of schools providing learning opportunities for schools to better meet the needs of their students. Below is a list of video conference based courses available within the OLC in 2022.

Main Stream Subjects	Languages & Cultural Studies
Accounting	Chinese (Mandarin)
Business Studies	Cook Island Maori
Classical Studies	French
Economics	German
Geography	Japanese
History	Korean
Media Studies	Latin
Psychology	Samoan
Philosophy	Spanish
Social Studies	Te Reo Maori
Agricultural and Horticultural Science	Tongan
Agriculture	
Equine Studies	
Electronics & Electrical Engineering	
Hospitality	
Physical Education	

Specific information about courses offered by our local cluster **FarNet** can be found at <https://farnet.school.nz/Courses>.

Please see the next section titled Distance Learning for further information or check with the e-Dean to ensure you have the most up to date information.

## Distance Learning

Distance learning refers to any learning that is undertaken by students requiring them to have a teacher or tutor from outside our school. Distance learning can be an effective alternative as demonstrated during the lockdown period.

### **Some reasons why your child may need to learn through distance learning:**

1. Small class numbers at Excellere College in a subject
2. A subject is not offered at Excellere College
3. A timetable clash
4. Student Choice

There are currently two avenues for distance learning for our students. One is the traditional correspondence school, now called *Te Aho o te Kura Pounamu – The Correspondence School*. The other is the *Online Learning Community (OLC)*.

Where we are unable to provide a physically present teacher, The Correspondence School or Online Learning, also known as e-learning, are excellent alternatives.

Correspondence School students are provided with all the necessary subject workbooks and resources. Assignments are sent to the Correspondence School for marking.

Online students (known as e-students) learn in an online class with other students from throughout New Zealand. Weekly video-conference classes mean eStudents can interact with their teacher and other students. Resources are easily accessed and students have regular contact with their teacher (known as an e-teacher).

The VLC also works with some tertiary institutions to enable tertiary courses to be offered online as well. Two tertiary courses currently being offered are Agriculture through Telford and Tourism through WINTEC. We believe there will be an increase in this number for 2022.

Our online learning services are managed by **FarNet**, the northland branch of Virtual Learning Community (VLC). FarNet is one of 8 similar clusters who belong to the OLC enabling our students to have access to qualified teachers in a wide range of curriculum areas from all over New Zealand.



Excellere College has been a member of FarNet for the past 5 years.

### **Who Looks After Our eStudents?**

Mr Carroll our eDean is responsible for the pastoral care of our e-students. He is also responsible for managing e-Exams, recording their NCEA results, and communicating any issues between fellow eDeans. Any concerns should be communicated to him in the first instance.

### **How Does Online Learning Work?**

Online courses use various video conferencing technologies, are internet based and are often supported with traditional learning resources (workbooks, study guides).

e-Classes are listed on e-Student timetables and supervision or independent study time is allocated depending on the e-Student's ability to self-manage. e-Classes usually use the video conferencing app Zoom.

The e-Teacher's supervise their online learning environment and make sure student work is completed. Discussion groups or forums encourage subject engagement. Resources are readily available and can be downloaded for review at a later date. Assignments can often be completed during school time, or later at home, and then uploaded for marking. eTeachers also on occasion visit their e-students when more practical and hands on assessments are needed

e-Students can participate in their online classroom from any location in the world as long as a good internet connection is available. Some e-students even maintain contact with fellow e-students throughout the years. It is an advantage, but not essential, for e-student's to have access to the internet after school hours.

### **Is Online Learning Suitable For Everyone?**

Online learning does not suit everyone and some students struggle with becoming an elearner. You must be able to manage-self and be able to work with independence. It is hard work BUT also very rewarding in the long run.



Before you can be accepted as an e-student your application must be approved by Mr Carroll the eDean. He will guide you through the process and check that you meet the course requirements. Once this step is completed then an application is made to Farnet for a position in your chosen subject.

### **E-students must:**

1. Be able to work independently and to take ownership of their own learning
2. Demonstrate regular attendance at school & at their video conference lesson
3. Communicate with their e-teacher. This is important and can be done through a range of technologies that the e-teacher will discuss with you. (texting, emailing, telephone, Facebook Group messaging).
4. Must have the prerequisites as stated in the course outlines.
5. Meet with the e-dean when support or pastoral care is needed and maintain regular contact to ensure you are on task and coping with your workload.

Online Classes offered in 2022 on the OLC Learning Exchange change from year to year and the list will depend on the demand and availability. .

To find out more information about this learning opportunity check out <https://farnet.school.nz>

Feel free to make contact with Mr Carroll for further support and guidance

For more information contact Mrs Auton. Places are limited.

**2022 Northtec Automotive Academy - 55 Level 2/3 unit standard credits**

A blended delivery programme where graduates will work towards achieving 55 NZQA credits from the New Zealand Certificate in Automotive Engineering Level 3.

**2022 Northtec Health Academy - 26 Level 2 unit standard credits**

This pathway will link students at secondary school with careers in the health industry and pathways through tertiary to those health career opportunities. 26 credits – where a total of 20 level 2 Social and Community Services sector related credits would be achieved contributing to NCEA and a Vocational Pathways Award.

**2022 Northtec Hair & Beauty Academy - 30 L 2 credits & 29 L 3 credits.**

This course is for students who are wishing to pursue a career in Hairdressing and Beauty Therapy and to have a qualification which would allow them to pathway to NZC in Hairdressing L3 or NZC in Beauty Therapy

**2022 Cookery Academy - 45 Level 3 unit standard credits (approx.)**

This programme will give students the basic skills needed to actively participate in commercial kitchen operation. The expectation is that students, after completing the extended programme, would be eligible and given preferential entry to apply for the Level 4 Cookery Programmes.

**2022 Construction Academy - 45 Level 2 unit standard credits**

This programme aims to provide students with general construction and maintenance knowledge. It provides training across a wide range of construction and maintenance areas by giving students practical experience on small building projects. This programme is also an ideal starting point for further study in the construction sector.