



Longburn  
Adventist<sup>™</sup> College

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***Student Course  
Information***

**NCEA Level 1  
2019 for 2020**

English &  
Te Reo  
Māori

The Arts

Health &  
Physical  
Education

Learning  
Languages

Maths &  
Science

Science

Social  
Sciences

Technology



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# Welcome

## *Dear Parents and Students*

This document contains information on all subjects offered at Longburn Adventist College for NCEA Level 1, 2020. Information provided will assist you in helping your child to make informed choices about the pathway they need to take towards their career choice.

Subject pathways need to be very carefully considered when students approach Year 11 as they will want to choose subjects that they will pursue through to Year 13. Students are encouraged to continue a broad range of subjects at this level. Of 6 subjects, 4 of them are Core subjects at LAC for Year 11 which are Religious Studies, Mathematics, English, and Science. The other two subjects are chosen by the students from a range of options. Students are required to select 4 subjects in order of preference for development of the timetable.

Good subject choices will be made if students consult with parents/caregivers and teachers. Student's subject choices will initially be collected. This information will help the school work out a timetable. It is important that subject choices are made very carefully.

While the information in this booklet is accurate at the time of going to print, reviews by NZQA or subject teachers may result in some changes to the Achievement or Unit Standards offered for a subject. Students are notified of the assessment programme for a subject at the beginning of term one in the new year.

If you require further help, please contact the Mrs Aiono.

I hope that this information may start you thinking about the various options available to you.

Mrs Tamar Aiono, Assistant Principal

[tamara@lac.school.nz](mailto:tamara@lac.school.nz)

English &  
Te Reo  
Māori

The Arts

Health &  
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Science

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Technology

# Planning A Course For NCEA Level 1

## **1. Your Compulsory Subjects:**

- Religious Studies
- Mathematics
- English
- Science

## **2. Choose 4 Option Subjects in order of preference from:**

- Building Construction
- Commerce
- Computing
- Geography
- Health
- History
- Hospitality
- Music
- Physical Education
- Visual Art

## **3. Fill in Your Option Choice Form**

This will be done electronically over the school break

## **4. Important School Policies for NCEA at LAC**

Please refer to your Student Diary for the NCEA Policies at LAC. In general, LAC subject areas do not provide an opportunity for reassessment of internal achievement standards. You need to be aware of the Policies for Authenticity, Resubmission, Appeals, Absences and Lateness, and checking records of your results.

## **5. Selecting your Courses**

Not all courses offered, will run. It will depend on the number of students selecting the course and the availability of staffing. Select courses very carefully as it may be difficult to change courses at a later time.

## **6. Entry Requirements**

Please note that the entry requirements listed for subjects are to provide students guidance for subject selection. These requirements will help students to understand prior learning that will enable the best possibility for success. If you have any questions regarding this, please contact Mrs Aiono or the relevant Leader of Learning.

## **7. STAR, Gateway and Te Kura**

Students who wish to do specific work experience, placements in a career area or a subject not offered at LAC, need to contact Mrs Mancer or Mrs King as soon as possible, who will explain what needs to happen from there. This is only for students who fit the criteria for this type of study and are committed and self motivated.

# Level 1 Building Construction

## Qualification:

Building Construction Level 1 (Unit Standards)

## Entry Requirement:

None, but students find it easier if they have taken Woodwork in the previous year

## Course Description:

The "BConstructive" course is designed as a progressive pathway for students wanting to integrate into a wide range of trade related occupations when they leave school, but not limited to these students. It is mostly a practical based course in the workshop.

The course is a total of 30 credits. These credits will be offered in English, Maths and the Woodwork shop.

## Course Costs:

\$70 for materials and take home projects.

## The following Unit Standards will be offered:

US No.	Level	No. of Projects	Name	Credits
US 12932	2	2	Construct timber garden furniture as BCATS projects	8
US 24352 Compulsory	1	1	Apply Safe Working Practices in Construction	2
US 24355 Compulsory	1	1	Knowledge of Construction & Manufacturing Materials Used	4
US 24356 Compulsory	1	1	Apply Workshop Procedures & processes for Projects	8
US 25919	1	1	Use hardware and Fastenings for a BCATS project	2
US 12927	2	2	Hand tools	6
<b>Total Credits offered</b>				<b>30</b>

# Level 1 Commerce

A combination of  
Accounting and Economics

## Qualification:

NCEA Level 1 Achievement Standards – This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

## Entry Requirement:

This subject has open entry with it being preferable for students to have achieved Year 10 English.

## Course Description:

Accounting enables students to develop the knowledge and skills to manage and communicate the financial affairs of individuals, communities, and businesses.

Economics enables students gain an understanding of everyday microeconomic choices consumers, producers, and government need to make, because of scarcity, and the implications of these choices for society. Students are introduced to the supply and demand model, using it to support predictions they make about the effect of choices on society.

## Achievement Standards (AS) that will be drawn from an assessment programme:

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/External
AS 90976	3	1	3	L	Demonstrate understanding of accounting concepts for small entities	External
AS 90977	3	1	5	-	Process financial transactions for a small entity	Internal
AS 90978	3	1	5	-	Prepare financial statements for sole proprietors	External
AS 90980	3	1	4	L	Interpret accounting information for sole proprietors	External
AS 90982	3	1	4	L	Demonstrate understanding of cash management for a small entity	Internal
AS 90983	3	1	4	L	Demonstrate understanding of consumer choices, using scarcity and/or demand	External
AS 90984	3	1	5	L	Demonstrate understanding of decisions a producer makes about production	Internal
AS 90985	3	1	3	L	Demonstrate understanding of producer choices using supply	External
AS 90986	3	1	5	L	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	External
AS 90987	3	1	4	L	Demonstrate understanding of a government choice where affected groups have different viewpoints	Internal
AS 90988	3	1	3	L	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	Internal
<b>Total Credits offered</b>						<b>16-20</b>

# Level 1 Computing

## Qualification:

NCEA Level 1 Computing; Contributes to the National Certificate in Computing Level 3.

## Entry Requirement:

Open Entry

## Course Description:

This subject introduces students to the topic of computing and teaches them the skills to participate in an Information Technology society. It also teaches them valuable and essential skills that can be transferred to many other fields of learning.

## Unit Standards (US) and Achievement Standards (AS) that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/External
US 101	7	1	3	-	Develop and use keyboarding skills to enter text MS Office 2016	Internal
US 504	6	1	2	-	Produce a CV	Internal
US 2780	8	1	3	-	Demonstrate and apply knowledge of a personal computer system	Internal
US 2792	8	1	2	-	Produce simple desktop published documents using templates	Internal
US 5946	8	1	3	-	Use computer technology to create and deliver a presentation from given content	Internal
AS 91071	3	1	4	-	Implement basic procedures to produce a specified digital information outcome	Internal
AS 91072	3	1	3	-	Demonstrate understanding of digital media	Internal
AS 91073	3	1	4	-	Implement basic procedures to produce a specified digital media outcome (Digital Technologies 1.43)	Internal
AS 91075	4	1	3	-	Construct a plan for a Basic Computer Program for a specified task (Digital Technologies 1.45)	Internal
AS 91076	4	1	3	-	Construct a basic computer program for a specified task (Digital Technologies 1.46)	Internal
<b>Total Credits offered</b>						<b>16-20</b>



# Level 1 English

## Qualification:

NCEA Level 1 Achievement Standards - This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

## Entry Requirement:

None

## Course Description:

English is about connecting with others and their ideas and communicating our own. In this course, students will learn to communicate through accurate, correctly structured language. They will use books, films and texts to make them think about the world and their own place in it.

## Achievement Standards that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/External
AS 90849	3	1	4	L	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	External
AS 90850	3	1	4	L	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	External
AS 90851	2	1	4	L	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	External
AS 90052	5	1	3	L	Produce creative writing	Internal
AS 90053	5	1	3	L	Produce formal writing	Internal
AS 90852	2	1	4	L	Explain significant connections across texts, using supporting evidence	Internal
AS 90853	2	1	4	L	Use information literacy skills to form conclusion(s)	Internal
AS 90854	2	1	4	L	Form personal responses to independently read texts, supported by evidence	Internal
AS 90855	2	1	3	L	Create a visual text	Internal
AS 90856	2	1	3	L	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	Internal
AS 90857	2	1	3	L	Construct and deliver an oral text	Internal
<b>Total Credits offered</b>						<b>20</b>

# Level 1 Geography

## Qualification:

NCEA Level 1 Achievement Standards - This subject provides you with the opportunity to gain credits towards the National Certification of Educational Achievement.

## Entry Requirements:

Entry to this subject is based on students passing the Year 10 Social Studies assessments.

## Course Description:

Geography is the study of the environment as the home of people. It seeks to interpret the world and how it changes over time - past, present, and future. It explores the relationships and connections between people and both natural and cultural environments.

Geography investigates the ways in which features are arranged on the earth's surface. It describes and explains the patterns and processes that create them. Students learn to think spatially and use maps, visual images and new technologies, including geographical information systems (GIS), to obtain, present and analyse information.

## Achievement Standards that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/ External
AS 91007	3	1	4	L	Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s).	External
AS 91008	3	1	4	L	Demonstrate geographic understanding of population concepts.	External
AS 91009	3	1	3	L	Demonstrate geographic understanding of the sustainable use of an environment.	Internal
AS 91010	2	1	4	N	Apply concepts and basic geographic skills to demonstrate understanding of a given environment.	External
AS 91011	3	1	4	L / N	Conduct geographic research with direction	Internal
AS 91012	2	1	3	L	Describe aspects of a contemporary New Zealand geographic issue.	Internal
AS 91013	2	1	3	L	Describe aspects of a geographic topic at a global scale	Internal
AS 91014	2	1	3	-	Apply spatial analysis with direction, to solve a geographic problem.	Internal
<b>Total Credits offered</b>						<b>16-20</b>

# Level 1 Health

## Qualification:

NCEA Level 1 Achievement Standards - This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

## Entry Requirement:

This subject has open entry with it being preferable for students to have achieved Year 10 English

## Course Description:

Health Education enables students to focus on the dimensions of hauora and the application of the concept to a range of contexts. They also consider how the dimensions of hauora interrelate.

Students develop a basic understanding of a socio-ecological perspective through considering personal, interpersonal, community, and societal influences on well-being and strategies for enhancing well-being.

## Achievement Standards that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/External
AS 90971	3	1	3	L	Take action to enhance an aspect of personal well-being	Internal
AS 90973	3	1	5	L	Demonstrate understanding of interpersonal skills used to enhance relationships	Internal
AS 90974	4	1	4	L	Demonstrate understanding of strategies for promoting positive sexuality	Internal
AS 90975	3	1	4	L	Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	External
AS 91097	3	1	4	-	Demonstrate understanding of ways in which well-being can change and strategies to support well-being	Internal
<b>Total Credits offered</b>						<b>20</b>

# Level 1 History

## Qualification:

NCEA Level 1 Achievement Standards - This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

## Entry Requirement:

Entry is open for this subject. Where limited places are available in Level 1 History, student's marks from the previous year will be considered for prioritising entry

## Course Description:

Where possible, history encompasses events occurring in New Zealand and/or global events involving or influencing New Zealanders.

Students are encouraged to question accepted interpretations of the past and to consider contesting theories of historians and commentators.

History equips students with knowledge and skills that are valuable and useful throughout life. These include research techniques, the skills needed to process and synthesise varied and complex materials, the skills needed to give clear and effective oral and written presentations, and the ability to articulate ideas and make them clear to others.

With these skills, students enhance their employability and are able to participate actively and critically in their societies.

## Achievement Standards that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/External
AS 91001	3	1	4	L	Carry out an investigation of an historical event, or place, of significance to New Zealanders	Internal
AS 91002	3	1	4	L	Demonstrate understanding of an historical event or place, of significance to New Zealanders	Internal
AS 91003	3	1	4	L	Interpret sources of an historical event of significance to New Zealanders	External
AS 91004	3	1	4	L	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	Internal
AS 91005	3	1	4	L	Describe the causes and consequences of an historical event	External
AS 91006	3	1	4	L	Describe how a significant historical event affected New Zealand society	External
<b>Total Credits offered</b>						<b>16-20</b>

# Level 1 Hospitality

## Qualification:

NCEA Level 1 Unit Standards Course - This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

## Entry Requirement:

None

## Course Description:

Level 1 Hospitality follows the Unit Standard course framework. All learning materials are given to each student by an outside school supplier; Service IQ. During this course, students explore the different strands founded in the Hospitality Industry, in relation to food safety, food handling, knife skills and basic cookery skills. The Units offered during 2018 are subject to change as they will be dependent on students' interests.

## Unit Standards that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/External
US 21059	v4	1	2	-	Demonstrate knowledge of knife care, use, storage and carrying for the hospitality industry	Internal
US 15892	v5	1	5	-	Demonstrate knowledge of terminology used for food and recipes in Commercial Cookery	Internal
zUS 15895	v4	1	2	-	Demonstrate knowledge of boiling and baking in the commercial catering industry	Internal
US 15921	v5	1	3	-	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	Internal
US 15901	v5	1	3	-	Prepare and present fruit and vegetables in the hospitality industry	Internal
US 19770	v4	1	3	-	Prepare and present egg and cheese dishes in the hospitality industry	Internal
<b>Total Credits offered</b>						<b>18</b>

# 2020 Subject Structure

**Bold type** indicates compulsory subjects

LEARNING AREAS	Junior School		
	YEAR 7 & 8	YEAR 9	YEAR 10
The Arts	Music	Music	Music
	Visual Arts	Visual Arts	Visual Arts
English	<b>English</b>	<b>English</b>	<b>English</b>
Health & Physical Education	<b>Health &amp; Physical Education</b>	<b>Health &amp; Physical Education</b>	<b>Health &amp; Physical Education</b>
		<b>Invictus Wellbeing Programme</b>	
Mathematics & Statistics	<b>Mathematics</b>	<b>Mathematics</b>	<b>Mathematics</b>
Science	<b>Science</b>	<b>Science</b>	<b>Science</b>
Social Sciences	<b>Bible</b>	<b>Bible</b>	<b>Bible</b>
	<b>Integrated Studies</b>	<b>Social Studies</b>	<b>Social Studies</b>
Technology		Information Technology	Information Technology
	Woodwork	Woodwork	Woodwork
	Home Economics	Home Economics	Home Economics
		Programming	Programming
Learning Support	LAC's SENCO (Special Educational Needs Co-ordinator)		
Vocational & Outside Provider Courses	Te Kura, the correspondence school (for subjects that LAC does not offer)		



As of July 2019

<b>Senior School</b>		
<b>YEAR 11</b> NCEA Level 1	<b>YEAR 12</b> NCEA Level 2	<b>YEAR 13</b> NCEA Level 3
Music	Music	Music
Visual Arts	Design	Design
	Painting	Painting
	Photography	Photography
<b>English</b>	<b>English</b>	English
Physical Education	Physical Education	Physical Education
Health	Health	Health
<b>Invictus</b>		
<b>Mathematics</b>	Mathematics with Statistics <i>OR with Calculus</i>	Mathematics with Statistics <i>OR with Calculus</i>
Financial Management	Financial Management	Financial Management
<b>Science</b>	Biology	Biology
	Chemistry	Chemistry
	Physics	Physics
<b>Religious Studies</b>	<b>Religious Studies</b>	<b>Religious Studies</b>
History	History	
Commerce	Commerce	
	Tourism	Tourism
	Media Studies	Media Studies
Computing / Digital Technologies	Computing / Digital Technologies	Digital Technologies
Building Construction	Building Construction	Building Construction
Hospitality	Hospitality	Hospitality <i>TBC</i>

can assess and assist with students' learning needs across all Year levels

- Gateway or STAR courses
- Secondary Tertiary Provider programmes (STP)
- Te Kura, the correspondence school

# Level 1 Mathematics

## Qualification:

This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement Level 1.

## Entry Requirement:

None. Placement into one of the courses listed below will be decided after consultation with students and the Learning Leader of Mathematics.

## Course Description:

This subject aims to develop skills, concepts and understanding to enable students to use mathematics with confidence. There are compulsory workbooks, and classwork and homework will be undertaken in these.

## Course A

This course is made up of three internally assessed standards and two externally assessed standards.

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/ External
AS 91028	3	1	4	N	Investigate relationships between tables, equations and graphs	External
AS 91029	3	1	3	N	Apply linear algebra in solving problems	Internal
AS 91032	3	1	3	N	Apply right-angled triangles in solving measurement problems	Internal
AS 91035	3	1	4	N / L	Investigate a given Multivariate data set using the Statistical enquiry cycle	Internal
AS 91037	4	1	4	N	Demonstrate understanding of chance and data	External
AS 91038	3	1	3	N / L	Investigate a situation involving elements of chance	Internal
<b>Total Credits offered</b>						<b>21</b>



**Course B**

This course is made up of five internally assessed standards and one externally assessed standards.

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/External
AS 91026	3	1	4	N	Apply numeric reasoning in solving problems	Internal
AS 91029	3	1	3	N	Apply linear algebra in solving problems	Internal
AS 91032	3	1	3	N	Apply right-angled triangles in solving measurement problems	Internal
AS 91034	3	1	4	N / L	Investigate a given multivariate data set using the statistical enquiry cycle	Internal
AS 91035	3	1	4	N / L	Investigate a given Multivariate data set using the Statistical enquiry cycle	Internal
AS 91037	4	1	4	N	Demonstrate understanding of chance and data	External
AS 91038	3	1	3	N / L	Investigate a situation involving elements of chance	Internal
<b>Total Credits offered</b>						<b>20</b>

**Course C**

This course is made up of three internal unit standards that as a complete package will enable students to gain the numeracy requirements for NCEA Level 1.

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/External
US 26623	3	1	4	N	Use number to solve problems	Internal
US 26626	3	1	3	N	Interpret Statistical information for a purpose	Internal
US 26627	3	1	3	N	Use measurements to solve problems	Internal
<b>Total Credits offered</b>						<b>10</b>

# Level 1 Music

## Qualification:

NCEA Level 1 Achievement Standards - This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

## Entry Requirement:

Open entry, with it being preferable that students will have:

- Learnt a musical instrument for at least two years previously and is currently receiving tuition on a musical instrument.
- Successfully completed Year 10 Music.

## Course Description:

### *Students will:*

- Be expected to undertake all 20 credits - school EDG exams will guide entries to the final exams.
- Prepare two pieces of music to play on their own through their music instrumental tuition.
- Participate in a performing music group through the year.
- Prepare one piece of music as a member of a group for assessment.
- Develop composition skills so that they can compose two original pieces of music either on their own or as a collaborative effort.
- Develop skills in writing melodies, rhythms, chords that they hear.
- Develop skills in identifying features in musical scores of different styles of music.
- Study different styles of music from different eras and describe elements and performance features of the music.

## Achievement Standards that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/ Num	Full Title	Internal/ External
AS 91090	3	1	6	-	Perform two pieces of music as a featured soloist	Internal
AS 91091	2	1	4	-	Demonstrate ensemble skills through performing a piece of music as a member of a group	Internal
AS 91092	3	1	6	-	Compose two original pieces of music	Internal
AS 91093	2	1	4	-	Demonstrate aural and theoretical skills through transcription	External
AS 91094	2	1	4	L	Demonstrate knowledge of conventions used in music scores	External
AS 91095	3	1	6	L	Demonstrate knowledge of two music works from contrasting contexts	Internal
<b>Total Credits offered</b>						<b>20</b>

# Level 1 Physical Education

## Qualification:

NCEA Level 1 Achievement Standards - This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

## Entry Requirement:

None

## Course Description:

This course provides students with opportunities to explore biophysical principles applications. Students will also promote physical activity and develop leadership skills. By learning in, through, and about movement, students come to understand that movement is integral to human expression and that it contributes to people's pleasure and enhances their lives. They learn to understand, appreciate, and move their bodies, relate positively to others, and demonstrate constructive attitudes and values.

This learning takes place as they engage in play, games, sports, exercise, recreation, adventure, and expressive movement in diverse physical and social environments. Physical education encourages students to participate in movement experiences that promote and support the development of physical and social skills.

## Course costs:

Approximately \$30 - Local trips

## Achievement Standards that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/ Num	Full Title	Internal/ External
AS 90962	3	1	5	-	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	Internal
AS 90963	3	1	5	L	Demonstrate the understanding of the function of the body as it relate to the performance of physical activity	Internal
AS 90964	3	1	3	-	Demonstrate quality movement in the performance of a physical activity	Internal
AS 90966	2	1	4	L	Demonstrate interpersonal skills in a group and explain how these skills impact on others.	Internal
AS 90968	3	1	3	L	Demonstrate and show understanding of responsible behaviour for safety during outdoor education activities.	Internal
<b>Total Credits offered</b>						<b>20</b>

# Level 1 Religious Education

## Qualification:

NCEA Level 1 Achievement Standards - This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

## Course Requirement:

None

## Course Description:

Students will participate in a range of activities to get to know the Bible better. They will also describe key beliefs of a religious tradition and what beliefs people have about God. Students will be encouraged to describe the features of a sacred text which will involve looking at the construction and purpose of a section of the Bible - in this case the Gospel of Luke; specifically Luke chapter 5 and 15. As well as this, they will look at the ethical principles of a Christian tradition, looking at the Biblical principles of dating - how does God want us to treat our date and ourselves in a dating situation.

## Achievement Standards that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/External
AS 90816	2	1	6	L	Describe the purpose of a sacred text	Internal
AS 90818	2	1	6	L	Describe the application of the key ethical principle(s) of a religious tradition to an issue	Internal
AS 90819	2	1	6	L	Describe key beliefs of a religious tradition	Internal
<b>Total Credits offered</b>						<b>18</b>

# Level 1 Science

## Qualification:

NCEA Level 1 Achievement Standards - This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

## Entry Requirement:

None

## Course Description:

This class covers a general look at the three main disciplines in science those being Chemistry, Physics and Biology. The topics covered form a good basis for further study at Level 2.

## Achievement Standards that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/ External
AS 90925	3	1	4	-	Carry out a practical investigation in a biological context, with direction	Internal
AS 90930	3	1	4	-	Carry out a practical chemistry investigation, with direction	Internal
AS 90935	3	1	4	-	Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	Internal
AS 90940	2	1	4	N	Demonstrate understanding of aspects of mechanics	External
AS 90943	3	1	4	-	Investigate implications of heat for everyday life	Internal
AS 90944	2	1	4	-	Demonstrate understanding of aspects of acids and bases	External
AS 90948	2	1	4	L	Demonstrate understanding of biological ideas relating to genetic variation	External
AS 90949	2	1	4	-	Life processes of plants and environmental factors that affect them	Internal
AS 90950	3	1	4	-	Investigate biological ideas relating to interactions between humans and micro organisms	Internal
<b>Total Credits offered</b>						<b>20</b>

# Level 1 Visual Art

## Qualification:

NCEA Level 1 Achievement Standards - This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

## Entry Requirements:

- Students will have successfully completed Year 9 Core Art
- Students will have ideally taken either Digital or Visual Art as a year 10 option

## Course Description:

### *Students will:*

- Plan a course of 22-26 credits from the available 26 credits below. Students may complete all assessments.
- Prepare a two panel portfolio of their own artwork to submit for the external Achievement Standard.
- Prepare one workbook of original drawings for internal assessment.
- Develop composition skills so that they can compose original pieces of artwork on their own and as a collaborative effort.
- Develop skills in composition, drawing and painting.
- Develop skills in identifying features in the works of New Zealand artists of different periods.
- Study different New Zealand art movements from different eras and describe visual elements and motifs of each.

## Achievement Standards that will be drawn from for an assessment programme:

Standard No.	Version	Level	Credits	Lit/ Num	Full Title	Internal/ External
AS 90914	3	1	4	-	Use drawing methods and skills for recording information using wet and dry media	Internal
AS 90915	2	1	6	-	Use drawing conventions to develop work in more than one field of practice	Internal
AS 90916	3	1	12	-	Produce a body of work informed by established practice which develops ideas using a range of media	External
AS 91325	2	2	4	-	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions	Internal
<b>Total Credits offered</b>						<b>22</b>



# NCEA Information

## The National Certificate of Educational Achievement NCEA

This is an introduction to assessment against achievement standards and unit standards and the National Qualifications Framework (NQF) at Longburn Adventist College.

### How To Gain NCEA

In Years 11, 12 and 13, subjects will offer a range of standards which assess different areas of knowledge and skills. These are called standards. Each standard is worth credits which will contribute towards gaining NCEA at Level 1, Level 2 and Level 3. Each subject will offer up to 24 credits.

### How to achieve standards to gain credits:

Achievement Standards are assessed by internal assessment, which takes place in school throughout the year (quality assured by NZQA), and by external assessment which is assessed by NZQA at the end of the year. The results have levels of achievement: Not Achieved (N), Achieved (A), Achieved with Merit (M) and Achieved with Excellence (E).

Unit Standards are assessed internally in school or the workplace and usually assess a more vocational based skill. They lead to a more specific qualification, eg. Building and Construction Certificate.

Results are either Achieved (A) or Not Achieved (N).

### The minimum requirements for NCEA Level 1, 2 and 3

NCEA Level	Credits required	Literacy and Numeracy credits required
Level 1	80 credits: At Level 1 or above	10 literacy, 10 numeracy
Level 2	80 credits: 60 at Level 2 or above plus 20 at any level	Level 1 Literacy and Numeracy requirements must be met
Level 3	80 credits: 60 at Level 3 or above plus 20 at Level 2 or above	Level 1 Literacy and Numeracy requirements must be met

### NCEA Level 1 Literacy and Numeracy Requirements

Students will achieve 10 Literacy and 10 Numeracy Credits through either:

- Achievement standards - available through a range of subjects with a minimum of 10 credits, or
- Unit standards - package of 3 unit standards worth a total of 10 credits.





# University Entrance Requirements

Students begin preparing for University Entrance from NCEA Level 1.

There will be some requirements to meet in each NCEA level, from Level 1 to 3.

## University Entrance 2017

*To achieve University Entrance students must gain all of the following:*

### NCEA Level 3

#### Three subjects - at Level 3

Made up of:

**14** credits each, in three approved subjects

#### Literacy

**10** credits at Level 2 or above

Made up of:

**5** credits in reading

**5** credits in writing

#### Numeracy

**10** credits at Level 1 or above,

Made up of:

Achievement Standards – specified achievement standards available through a range of subjects, or unit standards

## Course/Subject Endorsement

Students may receive NCEA endorsement for individual subjects.

**Merit endorsement:** 14 credits at Merit (or a mix of Merit and Excellence) in one year. At least 3 credits must be internal and 3 credits must be external.

**Excellence endorsement:** 14 credits at Excellence in one year. At least 3 credits must be internal and 3 credits must be external.

## NCEA CERTIFICATE ENDORSEMENT

Students will require 50 credits at Excellence to gain an NCEA endorsed with Excellence, and 50 credits at Merit (or Merit and Excellence), to gain an NCEA endorsed with Merit.

Credits can be gained over more than one year and more than one level, but must be gained at the level of the certificate or above. Eg, Level 2 credits will count towards endorsement of a Level 1 NCEA, but Level 1 credits will not count towards endorsement of a Level 2 NCEA.

English &  
Te Reo  
Māori

The Arts

Health &  
Physical  
Education

Learning  
Languages

Maths &  
Science

Science

Social  
Sciences

Technology

# Choosing Subjects Wisely

Use these questions as prompts to help you consider what subjects you need to be taking next year:

## ***Interest***

What do you enjoy learning?

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## ***Ability***

What subjects are you good at? Have you got ability in this subject?

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## ***Career Pathway***

What subjects do you need? What qualifications do you need?

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## ***Qualifications***

What qualification/s do you need to achieve?

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## ***Pre-requisites***

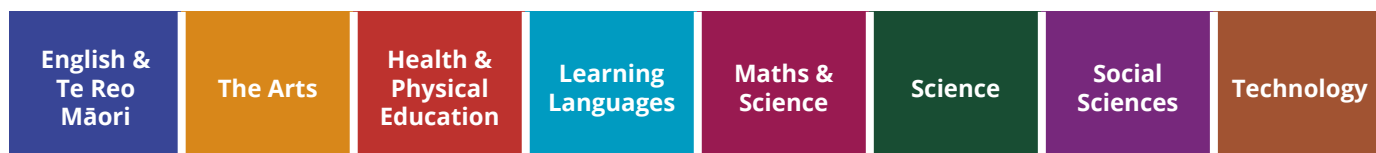
Have you got the prior learning needed?

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## ***How I like to learn***

Will the way learning occurs in this subject help me achieve my best results?

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# My Planning Page

Use this chart to plan for your future in education. Try to consult with your family, careers and your teachers. The more information you gather about your career option the more informed your final decisions will be.

**“When I leave School I hope to...”**  
(Choose ONE path)

<input type="checkbox"/> Don't know	<input type="checkbox"/> Get a job immediately	<input type="checkbox"/> Do a Certificate or Diploma at a Polytechnic or some other private training	<input type="checkbox"/> Do a degree at University or Polytechnic
↓	↓	↓	↓
If I don't know what I want to do I must keep my course as general as possible	I will get a job as a: <input type="text"/>	The training will possibly be in: <input type="text"/>	The degree will possibly be in: <input type="text"/>
↓	↓	↓	↓
Research what subjects you may need for your chosen job <a href="http://www.careers.govt.nz/jobs/">http://www.careers.govt.nz/jobs/</a>	Now check the list of available subjects as well as the entrance requirements for university / polytechnics and the recommended subjects for each course. <i>Have you checked degree / diploma / certificate requirements with the Careers Advisor?</i> <input type="checkbox"/> Yes <input type="checkbox"/> No		
↓			

**Year 11 Subjects NCEA Level 1**

Compulsory subjects:	<ul style="list-style-type: none"> <li>• Religious Studies</li> <li>• English</li> </ul>	<ul style="list-style-type: none"> <li>• Mathematics</li> <li>• Science</li> </ul>
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My option subjects

Pick 4 options in order of preference:

**First Choice:** \_\_\_\_\_

**Second Choice:** \_\_\_\_\_

**Third Choice:** \_\_\_\_\_

**Fourth Choice:** \_\_\_\_\_

# Vocational Pathways

Vocational Pathways is a Ministry of Education tool that has been developed to help you plan your journey from secondary school to the work force. It is a new way to achieve NCEA Level 2. Vocational Pathways help you to see how your Level 2 learning and achievement matches against specific 'sector-related' standards with six industries.

- Get the info: <http://youthguarantee.net.nz/vocational-pathways/>
- Build your own vocational pathway profile: <http://youthguarantee.net.nz/vocational-pathways/profile-builder/>
- Info for Students and Whanau: <http://youthguarantee.net.nz/vocational-pathways/students-and-whanau/>
- Questions answered: <http://youthguarantee.net.nz/vocational-pathways/faqs/>
- Need to do some career planning? <http://www.careers.govt.nz/jobs-database/>

## The Vocational Pathways Award – shows on your Record of Achievement

<b>NCEA Level 2</b> 80 credits	Vocational Pathways Award <b>60</b> Level 2 credits from the recommended pathway(s)	<b>20</b> credits must be from sector related standards
Gain <b>10</b> credits – Literacy		Gain <b>10</b> credits – Numeracy

## Vocational Pathways – 5 sectors of industry

The pathways will help you see how learning is relevant to a wide range of jobs and study options, in five broad sectors of industry:

- Manufacturing and Technology
- Construction and Infrastructure
- Creative Industries
- Primary Industries
- Social and Community Services, and
- Services Industries

## Why is it good to know about your achievement against Vocational Pathways?

- You can show your family, whanau or aiga your strengths, interests and achievements.
- You can identify your interests and link them to a career path.
- You might identify subjects or assessments that you need to take to follow a particular vocational pathway.
- The Vocational Pathways identify many different occupations – some of which you may never have considered before.
- The pathways also show you what employers may expect to see you achieve in your learning.
- The pathways help you be sure that you are developing the right skills for a particular career.

***A Vocational Pathways qualification could lead you into either further study or give you entry into the workplace.***

Source – Ministry of Education <http://www.youthguarantee.net.nz/vocational-pathways/>