



Longburn  
Adventist<sup>™</sup> College

**Student Course  
Information  
NCEA Level 2  
for  
2026**

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## INTRODUCTION

This booklet contains information on all subjects offered at Longburn Adventist College (LAC) for the National Certificate in Educational Achievement (NCEA) Level 2 in 2026. In Year 12, students study six subjects, two of which are compulsory. The two compulsory subjects are English and Religious Studies. The other four subjects are chosen by the students from a range of option subjects listed in this booklet.

Subject pathways need to be very carefully considered when students move into Year 12 and onto an NCEA Level 2 programme. They should choose subjects that they will enjoy and have an interest in, may wish to continue to study through to Year 13, or lead towards a career pathway they may have already identified.

If students are considering a tertiary pathway when they leave school then they will need to know what the prerequisites are for their chosen tertiary course and ensure that they have a range of subjects that support their ability to get into their chosen field of study. Students will also need to consider a range of subjects that can support their ability to gain University Entrance.

Good subject choices will be made if students consult with parents/caregivers, teachers and the school's careers advisor. Therefore, it is important that students do discuss their choices with their parents/caregivers and seek guidance from teachers and the school's careers advisor, Mrs Loader, on subject choices for 2026. On the following page is a list of questions that may help students to identify subjects they should consider for 2026.

While the information in this booklet is accurate at the time of publishing, reviews by NZQA or subject teachers may result in some changes to the Achievement or Unit Standards offered for a subject. Students will be given information on the assessment programme for each subject at the beginning of Term 1, 2026.

If you require further help or assistance, please contact Mrs Tooley (Year 11 Dean, [priscillat@lac.school.nz](mailto:priscillat@lac.school.nz)) or Mr Woollaston.



Mr Greg Woollaston

Assistant Principal

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## **CHOOSING SUBJECTS WISELY**

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

### **Interest**

What do you enjoy learning?

### **Ability**

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

### **Career Pathway**

What subjects do you need for the job you'd like to do in the future?

### **Qualifications**

What qualification/s do you need to achieve?

### **Pre-requisites**

Have you got the prior learning needed?

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

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

## PLANNING A COURSE FOR NCEA LEVEL 2

### COMPULSORY SUBJECTS:

English

Religious Studies

Information is given on the proposed assessment programme for these compulsory subjects so that you know what to expect in these subjects next year.

### OPTION SUBJECTS:

Biology

Mathematics with Calculus

Building Construction/Woodwork

Mathematics with Statistics

Chemistry

Media Studies

Design

Music

Empower

Painting

Financial Literacy

Photography

Health

Physical Education

History

Physics

Hospitality

Computer Science

Geography

Design and Visual Communication

Students will study four option subjects in Year 12. Information is given on the proposed assessment programme for each option subject so that you know what to expect in these subjects next year.

In order to assist with the development of the 2026 Timetable, students are required to **select 6 option subjects in order of preference**. Students must enter their selections on the school portal. The portal will be open for selections on **Friday, 19 September 2025** and selections must be completed before **Friday, 3 October 2025**. We will endeavour to develop a timetable that meets the needs of students, so it is important that students make their subject choices carefully. It will also be difficult to change choices at a later time.

Please note that it is possible that not all courses offered will run in 2026. It will depend on the number of students selecting the course and the availability of staffing.

## Entry Requirements

The entry requirements listed for subjects are to provide students with 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 Korte (Year 12 Dean) or the relevant subject teacher.

## Te Kura

If there is a subject not offered at LAC that a student would like to do, it may be possible to study that subject with Te Kura (Correspondence School). This option is only for students who fit the criteria for this type of study and are committed and self motivated. Contact with parents/caregivers will be made to ensure this decision has been fully discussed. If you have any questions regarding this, please contact Mrs Korte (Year 12 Dean).

## STAR and Gateway

Students who wish to do specific work experience and placements in a career area need to contact Mrs Loader (Careers Advisor), who will provide you with the relevant information. This option is only for students who fit the criteria for this type of study and are committed and self motivated. Contact with parents/caregivers will also be made to ensure this decision has been fully discussed.

## Literacy and Numeracy

There are literacy and numeracy requirements for NCEA and for University Entrance, details of which are outlined on pages 26 and 27 of this booklet. Several standards offered across the various courses contribute towards these literacy and numeracy requirements. Where a standard contributes towards literacy and numeracy requirements, an indication is given within the table of information on standards offered by each course, as follows:

L - meets the literacy requirements for NCEA.

N - meets the numeracy requirements for NCEA.

R - meets the literacy reading requirements for University Entrance.

W - meets the literacy writing requirements for University Entrance.

# COMPULSORY SUBJECTS

## LEVEL 2 ENGLISH

### Qualification:

This subject provides you with the opportunity to gain credits towards NCEA Level 2 and the literacy requirements for University Entrance.

### Entry Requirement:

Students have gained Level 1 Literacy.

### Course Description:

English is about connecting with others and their ideas, and communicating our own, using language correctly. English is about exploring our identities and building relationships. English is about finding and nurturing a voice to tell our stories and developing an ear to hear the stories of others. In doing so, we begin to understand where and how we all belong and fit into a global society.

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

Standard No.	Version	Level	Credits	Lit/ Num	Full Title	Internal/ External
AS 91098	3	2	4	L/R/W	Analyse specified aspect(s) of studied written text(s), supported by evidence	External
AS 91100	2	2	4	L/R/W	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	External
AS 91101	2	2	6	L/W	Produce a selection of crafted and controlled writing	Internal
AS 91102	2	2	3	L	Construct and deliver a crafted and controlled oral text	Internal
AS 91104	2	2	4	L	Analyse significant connections across texts, supported by evidence	Internal
AS 91105	2	2	4	L/R	Use information literacy skills to form developed conclusion(s)	Internal
AS 91106	2	2	4	L/R	Form developed personal responses to independently read texts, supported by evidence	Internal
Total credits offered						20

## **LEVEL 2 RELIGIOUS STUDIES**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2.

### **Course Recommendation:**

Level 1 Literacy

### **Course Description:**

Students will be encouraged and provoked to examine core individual beliefs and develop a deeper understanding of God's word to share with others. This will allow them to engage in relevant issues that broaden their perspectives of their own spiritual journeys and how this can transform their communities. These values of salvation, grace and service will teach students to understand the eternal love Christ has for each of them.

### **Achievement Standards that will be drawn from for an assessment programme of 3 standards:**

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS 90822	3	2	6	L	Explain how a contemporary social action derives from the ethical principles of a religious tradition	Internal
AS 90823	3	2	6	L	Explain the key beliefs within two religious traditions in relation to a significant religious question	Internal
AS 91724	2	2	6	L	Explain a significant theme in a sacred text within a religious tradition	Internal
AS 90821	3	2	6	L	Explain the changes in an expression(s) of a religious tradition	Internal
Total credits offered						18

## **OPTION SUBJECTS**

**Students are to choose SIX subjects in order of preference.**

**These choices must be entered into the Portal no later than Friday 3 October, 2025.**

## **LEVEL 2 BIOLOGY**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2 and the literacy requirements for University Entrance.

### **Entry Requirement:**

Level 1 Biology

### **Course Description:**

A study of the nature of living organisms and the importance of genetic inheritance to life and survival of the species. Through learning in Biology, students discover that life involves interactions at all levels of organisation, and that no living thing exists in isolation from its environment. Students will:

- Understand the working of genetics in providing gene expression as a mechanism to ensure the survival of the individual, and genetic variation as a mechanism to ensure the survival of the species.
- Explore the life processes of different organisms and compare their adaptations that suit their specific environments
- Carrying out a practical investigation around enzyme action.
- Use data processing techniques to produce a scientific report, investigating a pattern in an ecological community.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS 91153	2	2	4	N	Carry out a practical investigation in a biology context	Internal
AS 91154	2	2	3	L	Analyse the biological validity of information presented to the public	Internal
AS 91155	2	2	3	L	Demonstrate understanding of adaptation of plants or animals to their way of life	Internal
AS 91156	2	2	4	L/W	Demonstrate understanding of life processes at the cellular level	External
AS 91157	2	2	4	L/W	Demonstrate understanding of genetic variation and change	External
AS 91158	2	2	4	L	Investigate a pattern in an ecological community, with supervision	Internal
AS 91159	2	2	4	L	Demonstrate understanding of gene expression	External
AS 91160	2	2	3	-	Investigate biological material at the microscopic level	Internal
<b>Total credits offered</b>						<b>18</b>

## **BUILDING CONSTRUCTION (WOODWORK)**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2 and the National Certificate in Building Construction Level 2.

### **Entry Requirement:**

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

### **Course Description:**

This 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 is not limited to these students. It is mostly a practical based course in the workshop.

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

<b>Standard No.</b>	<b>Level</b>	<b>No. of Projects</b>	<b>Credits</b>	<b>Full Title</b>	<b>Internal/ External</b>
US 12927 (v5) <i>Compulsory</i>	2	3	6	Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects	Internal
US 12932 (v5)	2	2	8	Construct timber garden furniture as BCATS projects	Internal
US 24350 (v3) <i>Compulsory</i>	2	2	6	Identify, select, use and maintain portable power tools for BCATS projects	Internal
US 24351 (v3)	2	2	6	Demonstrate knowledge of and use fixed machinery in the construction of BCATS projects	Internal
US 24354 (v3) <i>Compulsory</i>	2	0	4	Demonstrate knowledge of health and safety legislation and apply safe working practices in a BCATS environment	Internal
US 24357 (v3) <i>Compulsory</i>	2	4	4	Receive instructions and communicate information in relation to BCATS projects	Internal
US 24358 (v3) <i>Compulsory</i>	2	1	2	Plan and monitor the construction of a BCATS project, and quality check the product	Internal
US 25921 (v3)	2	1	6	Make a cupboard with a draw as a BCATS project	Internal
US 24360 (v3)	2	0	5	Demonstrate knowledge of timber and other construction materials used in BCATS projects	Internal
Total credits offered					18

## **LEVEL 2 CHEMISTRY**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2.

### **Entry Requirement:**

Level 1 Science - particularly the Chemistry-based standard.

### **Course Description:**

NCEA Level 2 Chemistry builds on the foundational concepts from Level 1 Science, delving deeper into the nature of matter and chemical reactions. This year, you'll explore the structure of atoms, molecules, and ions, and how their structure influences their physical and chemical properties. You'll investigate how different types of bonding affect the properties of substances. A major focus is on quantitative chemistry, where you'll learn to use moles and concentrations to calculate amounts of substances in reactions. The curriculum also introduces you to the principles of organic chemistry, including the naming and properties of common organic compounds. The course emphasizes practical skills through experiments and aims to develop a deeper understanding of the chemical world around us.

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

Standard No.	Version	Level	Credits	Lit/Num	Full Title	Internal/External
AS 91910	1	2	4	N	Carry out a practical investigation into a substance present in a consumer product using quantitative analysis	Internal
AS 91911	1	2	3	-	Carry out an investigation into chemical species present in a sample using qualitative analysis.	Internal
AS 91163	2	2	3	L	Demonstrate understanding of the chemistry used in the development of a current technology ( <i>optional</i> )	Internal
AS 91167	2	2	3	-	Demonstrate understanding of oxidation-reduction	Internal
AS 91164	2	2	5	L	Demonstrate understanding of bonding, structure, properties and energy changes	External (option 1)
AS 91165	2	2	4	L	Demonstrate understanding of the properties of selected organic compounds	External (option 2)
Total credits offered						17 or 18

## **LEVEL 2 DESIGN**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2.

### **Entry Requirements:**

Achieved in Level 1 Art.

### **Course Description: Students will:**

In Design, students will pick one theme and carry it over all of the offered assessments. The external boards are an end product of a year long study around the students theme. This enables work that is created in internals to then be applicable to go on their external boards. Students will be using digital programs to achieve their desired end result.

Students will also:

- Research and analyse the influence of relevant contexts on their own work.
- Apply understanding from research into a range of established practice to extend skills for particular art-making purposes, using appropriate processes and procedures in design.
- Extend skills in illustrator, indesign and photoshop.
- Generate, analyse, clarify, and extend ideas in design related to established practice.
- Use a systematic approach to the development of ideas in a body of work.
- Research and analyse how artworks are constructed and presented to communicate meanings.
- Use critical analysis to interpret and respond to art works.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS91310	2	2	4	-	Use drawing methods to apply knowledge of conventions appropriate to Design	Internal
AS91315	2	2	4	-	Develop ideas in a related series of drawings appropriate to established Design practice	Internal
AS91320	2	2	12	-	Produce a systematic body of work that shows understanding of art-making conventions and ideas within Design	External
Total credits offered						20

## **LEVEL 2 DESIGN & VISUAL COMMUNICATION (DVC, ARCHITECTURE)**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2.

### **Entry Requirements:**

None

### **Course Description:**

Design and Visual Communication (DVC) at LAC focuses on the study and application of design principles that can lead to careers in diverse fields such as architecture, engineering and other product or spatial design industries. Students will develop a range of technical drawing skills—both by hand and with Computer-Aided Design (CAD) tools—while learning to make informed design decisions that thoughtfully balance aesthetic appeal with functional purpose.

Students will:

- Explore and prepare for career pathways in DVC and related fields such as architecture, product design, landscape design, media design and engineering.
- Extend their originality, innovation and imagination through the use of Computer Aided Design (CAD) tools.
- Learn to think both creatively and critically when approaching design challenges.
- Develop the ability to interpret and communicate visual information which will support their learning across a range of subjects.
- Build a strong foundation of design knowledge and skills that will empower them to make informed, purposeful decisions.
- Strengthen their creative thinking and problem-solving abilities in a variety of contexts.

### **Achievement Standards:**

Level 2 DVC will be assessed through a selection of the standards found at the following link.

<https://www.nzqa.govt.nz/ncea/assessment/search.do?query=Design+and+Visual+Communication&view=all&level=02>

Specific standards will be finalised in 2026.

## **LEVEL 2 EMPOWER**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2.

### **Entry Requirement:**

Anyone can take this subject, but '**Empower**' students should be **highly motivated** and genuinely interested in improving their health, fitness, or sports skills consistently throughout the year.

### **Course Description:**

Students will learn the important skills and knowledge needed for sports and fitness. They will find out about training, exercise methods, fitness tests, and how to plan and lead workouts. This will help them keep themselves fit and help others reach their fitness goals.

They will also get training to become beginner fitness coaches for the LAC gym and the wider LAC community.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
US 21794	1	2	3	-	Demonstrate, instruct and monitor static stretching	Internal
US 30933	1	3	5	-	Demonstrate exercise and stretching techniques	Internal
AS 91330	3	2	4	-	Perform a physical activity in an applied setting.	Internal
US 27712	1	3	7	-	Instruct a Free Weights Class	Internal
Total credits offered						15 - 19

## **LEVEL 2 FINANCIAL LITERACY**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement Level 2.

### **Entry Requirement:**

Open entry.

### **Course Description:**

This subject helps students understand their money needs and teaches them how to manage their finances now and in the future, giving them the skills and tools to become smart, money-wise adults.

This course is made up of five internally assessed standards.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/Num</b>	<b>Full Title</b>	<b>Internal/External</b>
US 28092	4	2	3	-	Explain the effect of significant life events on personal income at different life stages	Internal
US 28093	4	2	3	-	Describe tertiary study funding options and potential financial consequences for future choices and responsibilities	Internal
US 28094	4	2	4	-	Produce a household budget, set a financial goal and review and adjust the budget to achieve the goal	Internal
US 28095	4	2	3		Analyse personal financial investment options	Internal
US 28096	4	2	3	-	Explain insurance products as financial risk management strategies for personal finances	Internal
Total credits offered						16

## **LEVEL 2 GEOGRAPHY**

### **Qualification:**

- Credits towards NCEA Level 2.

### **Entry Requirement:**

This subject has open entry.

### **Course Description:**

Want to understand the world and your place in it? Geography is the ultimate subject for curious minds who like to ask why things happen and what we can do about it. You'll explore the powerful natural processes shaping New Zealand's landscapes, investigate how people interact with and change their environments, and tackle some of the biggest challenges facing our planet.

This course isn't just about learning facts—it's hands-on. You'll sharpen skills in research, mapping, data analysis, and report writing, while also building critical thinking that will set you up for university, trades, or the workforce. Geography connects seamlessly with subjects like Biology, Agriculture, History, and Economics, giving you an edge through its interdisciplinary focus.

The highlight? A three-day field trip to Taranaki, where you'll climb inside the story of volcanoes, landscapes, and human interaction with the environment. This experience brings the textbook to life and gives you the insights and data you'll need for exam success.

Whether you're eyeing a career in environmental management, urban planning, tourism, agriculture, or just want to make sense of the world we live in, Geography equips you with knowledge, skills, and experiences that reach far beyond the classroom.

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

<b>Standard No.</b>	<b>Level</b>	<b>Credits</b>	<b>Full Title</b>	<b>Internal/ External</b>
91240	2	4	Demonstrate geographic understanding of a large natural environment	E
91241	2	3	Demonstrate geographic understanding of an urban pattern	I
91242	2	4	Demonstrate geographic understanding of differences in development	E
91243	2	4	Apply geography concepts and skills to demonstrate understanding of a given environment	E
91245	2	5	Conduct geographic research with guidance	I
91245	2	3	Explain aspects of a contemporary New Zealand geographic issue	I
91246	2	3	Explain aspects of a geographic topic at a global scale	I
91247	2	3	Apply spatial analysis, with guidance, to solve a geographic problem	I
Total credits offered				20

## **LEVEL 2 HEALTH**

### **Qualification:**

- Credits towards NCEA Level 2.

### **Entry Requirement:**

This subject has open entry with it being preferable for students to have achieved Year 11 Health.

### **Course Description:**

In health you'll learn about well-being (hauora) and what affects it – from your own choices, to friendships, to the wider community.

This includes:

- Planning an event that improves our schools well-being.
- Exploring how we get through major changes in our lives.
- Analysing teenage health issues.
- Look at issues relating to gender and sexuality.

### **What health leads to?**

- Health services (nursing, medicine, midwifery, physiotherapy, occupational therapy)
- Social services (counselling, social work, youth work, community support)
- Public health and policy (health promotion, nutrition, environmental health)
- Emergency services (paramedic, police, fire service, defence)

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS 91235	2	2	5	L	Analyse an adolescent health issue	External
AS 91236	2	2	5	L	Evaluate factors that influence people's ability to manage change	Internal
AS 91237	2	2	5	L	Take action to enhance an aspect of people's well-being within the school or wider community	Internal
AS 91239	2	2	5	L	Analyse issues related to sexuality and gender to develop strategies for addressing the issues	Internal
Total credits offered						20

## **LEVEL 2 HISTORY**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2 and the literacy requirements for University Entrance.

### **Entry Requirement:**

It is preferred that students have achieved:

- NCEA Level 1 History (at least 2 standards of which 1 is an external) or
- For students who have not taken Level 1 History, then Level 1 English (at least 1 external standard).

### **Course Description:**

Development of history skills is continued at Level 2 with an emphasis on students engaging critically with historical sources. Students are encouraged to question accepted interpretations of the past and to consider contesting theories of historians and commentators. Topics researched encompass events occurring in New Zealand and/or global events involving or influencing New Zealanders.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS 91229	3	2	4	L/R	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	Internal
AS 91230	2	2	5	L/R	Examine an historical event or place that is of significance to New Zealanders	Internal
AS 91231	2	2	4	L/R/W	Examine sources of an historical event that is of significance to New Zealanders	External
AS 91232	2	2	5	L/R	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	Internal
AS 91233	2	2	5	L/R/W	Examine causes and consequences of a significant historical event	External
Total credits offered						13-15

## **LEVEL 2 HOSPITALITY**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2 and 3.

### **Entry Requirement:**

It is recommended that students have completed Level 1 Hospitality but not necessary.

### **Course Description:**

Level 2 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 more in depth the different strands founded in the Hospitality Industry, in relation to food safety, food handling, barista and basic cookery skills. All assessments and learning materials are available to students online.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Full Title</b>	<b>Internal/ External</b>
US 167	10	2	4	Practice food safety methods in a food business, or demonstrate equivalent knowledge and skills	Internal
US 22428	7	2	2	Prepare and serve tea	Internal
US 17285	10	2	4	Demonstrate knowledge of commercial espresso coffee equipment and prepare espresso beverages under supervision	Internal
US 13276	6	2	2	Cook foods by grilling	Internal
US 13283	6	2	2	Prepare, assemble salads for service	Internal
US 13285	6	2	2	Handle and maintain knives in a commercial kitchen	Internal
Total credits offered					14 - 16

## **LEVEL 2 MATHEMATICS WITH CALCULUS**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement Level 2.

### **Entry Requirement:**

Students should have gained at least 10 credits in Level 1 Mathematics. Placement into the course 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 and to provide a pathway into Level 3 Mathematics with Calculus or tertiary level vocational training. There are compulsory workbooks, and classwork and homework will be undertaken in these.

This course is made up of 4 internally assessed standards and 2 externally assessed standards.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS 91256	3	2	2	N	Apply coordinate geometry methods in solving problems	Internal
AS 91257	3	2	2	N	Apply sequences and series in solving problems	Internal
AS 91259	3	2	3	N	Apply trigonometric relationships in solving problems	Internal
AS 91261	3	2	4	N	Apply algebraic methods in solving problems	External
AS 91262	3	2	5	N	Apply calculus methods in solving problems	External
AS 91269	3	2	2	N	Apply systems of equations in solving problems	Internal
Total credits offered						18

## **LEVEL 2 MATHEMATICS WITH STATISTICS**

This subject provides you with the opportunity to gain credits towards NCEA Level 2.

### **Entry Requirement:**

Students should have gained at least 10 credits in Level 1 Mathematics including 91944 - Explore data using a statistical enquiry process. Placement into this course 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 and to provide a pathway into Level 3 Mathematics with Statistics or tertiary level vocational training. There are compulsory workbooks, and classwork and homework will be undertaken in these.

This course is made up of 4 internally assessed standards and 1 externally assessed standard.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS 91260	3	2	2	N	Apply network methods in solving problems	Internal
AS 91256	3	2	2	N	Apply co-ordinate Geometry methods in solving problems	Internal
AS 91264	3	2	4	L/N	Use statistical methods to make an inference	Internal
AS 91265	3	2	3	L/N	Conduct an experiment to investigate a situation using statistical methods	Internal
AS 91267	3	2	4	L/N	Apply probability methods in solving problems	External
AS 91259	3	2	3	L/N	Apply Trigonometric relationships to solve problems	Internal
Total credits offered						18

## **LEVEL 2 MEDIA STUDIES**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2 and the literacy requirements for University Entrance.

### **Entry Requirement:**

Level 1 Literacy

Students will have ideally taken Visual Arts as a Year 10 Option

### **Course Description:**

Media Studies is about the active exploration, analysis, creation, and enjoyment of the media and its products. Media studies examines the dynamic role of the media in society, how the media constructs messages about individuals, communities, and cultures and how media products are produced, controlled, and distributed. Through media studies students gain the knowledge and skills to conceive, plan, design and make media products that engage audiences.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS 91248	3	2	3	L/W	Demonstrate understanding of the relationship between a media product and its audience	External
AS 91252	2	2	4	L	Produce a design and plan for a developed media product using a range of conventions	Internal
AS91253	3	2	6	L	Complete a developed media product from a design and plan using a range of conventions	Internal
AS 91255	3	2	3	L/W	Write developed media text for a specific target audience	Internal
Total credits offered						16

## **LEVEL 2 MUSIC**

### **Qualification:**

This subject provides you with the opportunity to gain credits towards NCEA Level 2 and the literacy requirements for University Entrance.

### **Entry Requirements:**

NCEA Level 1 Music; Instrumental lessons for 3 years

### **Course Description:**

Students will:

- Perform music of greater length and complexity in solo and group performances
- Participate in a performance group of 3 to 7 members
- Compose music of greater length and complexity
- Continue to develop aural skills and understand the characteristics of a wide range of written music
- Recall in an external exam, more complex detail about two large music works
- Research an aspect of New Zealand music
- Study a range of music styles including Jazz, Rock, Baroque and Romantic period music

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS91270	2	2	6	-	Perform two substantial pieces of music as a featured soloist	Internal
AS91274	2	2	3	-	Perform a substantial piece of music as a featured soloist on a second instrument	Internal
AS91272	2	2	4	-	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	Internal
AS91271	2	2	6	-	Compose two substantial pieces of music	Internal
AS91275	2	2	4	-	Demonstrate aural understanding through written representation	External
AS91276	2	2	4	L	Demonstrate knowledge of conventions in a range of music scores	External
AS91277	2	2	6	L/W	Demonstrate understanding of two substantial contrasting music works	External
AS91273	2	2	4	-	Devise an instrumentation for an ensemble	Internal
AS91278	2	2	4	L	Investigate an aspect of New Zealand music	Internal
Total credits offered						18-20

## **LEVEL 2 PAINTING/PRINTMAKING**

### **Qualification:**

NCEA Level 2 Achievement Standards – This subject provides you with the opportunity to gain credits towards the National Certificate of Education.

### **Entry Requirements:**

it is preferable that students have achieved Level 1 Art

### **Course Description: Students will:**

In Painting/Printmaking, students will pick one theme and carry it over all of the offered assessments. The external boards are an end product of a year long study around the students theme. This enables work that is created in internals to be applicable for external boards. The media they will work in is acrylic or oil paint.

Students will also:

- Research and analyse the influence of relevant contexts on their own work.
- Apply understanding from research into a range of established practice to extend skills for particular art-making purposes, using appropriate processes and procedures in painting.
- Generate, analyse, clarify, and extend ideas in painting related to established practice
- Use a systematic approach to the development of ideas in a body of work.
- Research and analyse how artworks are constructed and presented to communicate meanings.
- Use critical analysis to interpret and respond to art works.

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

Standard No.	Version	Level	Credits	Lit/ Num	Full Title	Internal/ External
AS 91311	2	2	4	-	Use drawing methods to apply knowledge of conventions appropriate to painting/printing	Internal
AS 91316	2	2	4	-	Develop ideas in a related series of drawings appropriate to established painting/printmaking practice.	Internal
AS 91321	2	2	12	-	Produce a systematic body of work that shows understanding of art-making conventions and ideas within painting/printmaking	External
Total credits offered						20

## **LEVEL 2 PHOTOGRAPHY**

### **Qualification:**

NCEA Level 2 Achievement Standards – This subject provides you with the opportunity to gain credits towards the National Certificate of Educational Achievement.

### **Entry Requirement:**

- Students will have successfully completed junior art course
- Students will benefit having taken visual art as a Year 10 option
- Level 1 Literacy

### **Course Description:**

Year 12 Photography is an exciting avenue in familiarising yourself in visual arts. Each assessment task will concentrate on your own learning and time management. You will be expected to complete in-depth research, record your thought process and document the development of your images. Throughout the year you will have the opportunity to produce creative forms of imagery.

Students will also:

- Develop ideas and skills that build a systematic body of work, while using research to generate their own original ideas.
- Use critical analysis to interpret and respond to art works.
- Focus on using a digital camera to generate, and regenerate, a body of work that reflects established artist model practices and methods on two A1 folio boards.
- Understand key photographic conventions and techniques. Such as composition, lighting, technical skills (e.g., aperture, shutter speed, and depth of field), and digital editing.
- Construct images and present them to communicate meanings and ideas across clear themes and photographic techniques.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS 91312	2	2	4	-	Use drawing methods to apply knowledge and conventions to photography	Internal
AS 91317	2	2	4	-	Develop ideas in a related series of drawings appropriate to established photography practice	Internal
AS 91322	2	2	12	-	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	External
Total credits offered						20

## **LEVEL 2 PHYSICAL EDUCATION**

### **Qualification:**

Credits towards NCEA Level 2.

### **Entry Requirement:**

This subject has open entry with it being preferable for students to have achieved Year 11 Physical Education.

### **Course Description:**

In Physical Education students explore concepts behind movement, sport and fitness. This course is around 50% practical and 50% theory.

This includes:

- Completing a training/improvement programme
- Skill improvement
- Your performance in a sport or physical event
- Event planning
- Demonstrating and evaluating safety in outdoors (outdoor experience)

### **What health leads to?**

- Sport & Fitness (Personal trainer / gym instructor, Sports coach, Exercise scientist)
- Health & Wellbeing (Physiotherapist, Occupational therapist, Nutritionist or dietitian, Health promoter)
- Education (PE teacher)
- Other Careers Needing Fitness & Teamwork (Police, Fire service, Defence Force and Paramedic)

### **Course cost:**

Approximately \$150 donation towards off site activities

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

Standard No.	Version	Level	Credits	Lit/ Num	Full Title	Internal/ External
AS 91327	2	2	3	L	Examine the role and significance of physical activity in the lives of young people in New Zealand.	Internal
AS 91328	2	2	5	L	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills.	Internal
AS 91329	2	2	4	L	Demonstrate understanding of the application of biophysical principles to training for physical activity.	Internal
AS 91330	3	2	4	-	Perform a physical activity in an applied setting.	Internal
AS 91333	2	2	3	L	Analyse the application of risk management strategies to a challenging outdoor activity.	Internal
AS 91334	2	2	3	-	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity.	Internal
Total credits offered						20

## **LEVEL 2 PHYSICS**

### **Qualification:**

NCEA Level 2 Achievement Standards – This subject provides you with the opportunity to gain credits towards the National Certificate of Education.

### **Entry Requirement:**

Students should have achieved trigonometry and algebra in Year 11 Maths with 1 external in Year 11 Science (ideally the Mechanics external).

### **Course Description:**

In Physics students will investigate and seek to understand the physical phenomena in the world around us. There is an emphasis on understanding and explaining the different aspects of physics that relate to our everyday lives, and we will use the tools of logic, reasoning and mathematics to determine and predict actions and reactions. In this course, the mathematics skills that students need are taught side by side with the content, and there are a number of assessments where students choose the topic that they wish to investigate and research. We include a significant number of practical demonstrations and investigations to help illuminate the material.

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

<b>Standard No.</b>	<b>Version</b>	<b>Level</b>	<b>Credits</b>	<b>Lit/ Num</b>	<b>Full Title</b>	<b>Internal/ External</b>
AS 91168	2	2	4	L/N	Carry out a practical physics investigation that leads to a non-linear mathematical relationship.	Internal
AS 91169	2	2	3	L	Demonstrate understanding of physics relevant to a selected context.	Internal
AS 91170	2	2	4	L/N	Demonstrate understanding of waves.	External
AS 91171	2	2	6	L/N	Demonstrate understanding of mechanics.	External
AS 91172	2	2	3	L	Demonstrate understanding of atomic and nuclear physics.	Internal
Total credits offered						20

## The National Certificate of Educational Achievement (NCEA)

NCEA is the main national qualification for secondary school students in New Zealand. NCEA is recognised by employers, and used for selection by universities and polytechnics, both in New Zealand and overseas.

In each subject offered at LAC, skills and knowledge are assessed against a number of standards. Our school uses a range of internal and external assessments to measure how well students meet these standards. When a student achieves a standard, they gain a number of credits. Each subject will generally offer up to 20 credits. Students must achieve a certain number of credits to gain an NCEA certificate.

The New Zealand Qualifications Authority (NZQA) has a formal quality assurance process to ensure that the assessment of each standard is fair across all students, regardless of the school they attend. This includes internal moderation, external moderation and assessment system checks. LAC has processes and procedures that ensure we meet these requirements.

There are three levels of NCEA certificate, depending on the difficulty of the standards achieved. In general, students work through levels 1 to 3 in years 11 to 13 at school. Students are recognised for high achievement at each level by gaining NCEA with Merit or NCEA with Excellence. High achievement in a course is also recognised. Details on the requirements for an NCEA certificate and for endorsements are given in the tables below.

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

NCEA Level	Credits required	Literacy and Numeracy credits required
Level 1	60 credits: At Level 1 or above	10 Literacy credits and 10 Numeracy credits
Level 2	60 Credits at Level 2 or above	Level 1 Literacy and Numeracy requirements must be met
Level 3	60 Credits at Level 3 or above	Level 1 Literacy and Numeracy requirements must be met

### NCEA Level 1 Literacy and Numeracy Requirements

Students must achieve the minimum of 10 Literacy and 10 Numeracy credits through either: Achievement standards - available through a range of subjects, or through the Literacy and Numeracy Corequisite standards.

## University Entrance Requirements

Students begin preparing for University Entrance from NCEA Level 1. There are some requirements to meet at each NCEA level, from Level 1 to 3.

<p><b>UNIVERSITY ENTRANCE 2026</b></p> <p>To achieve University Entrance, students must gain all of the following:</p>
<ol style="list-style-type: none"> <li>1. <b>NCEA Level 3.</b></li> <li>2. <b>14 credits at Level 3 in each of three university entrance approved subjects.</b></li> <li>3. <b>University Entrance Literacy</b> - 10 credits (5 credits in reading and 5 credits in writing) at Level 2 or above from approved literacy standards.</li> <li>4. <b>Numeracy</b> - 10 credits at Level 1 or above from approved numeracy standards.</li> </ol>

<p><b>COURSE/SUBJECT ENDORSEMENT</b></p> <p>Students may receive NCEA endorsement for individual subjects.</p>
<p><b>Achieved endorsement:</b> 14 credits at Achieved in one year. At least 3 credits must be internal and 3 credits must be external.</p>
<p><b>Merit endorsement:</b> 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.</p>
<p><b>Excellence endorsement:</b> 14 credits at Excellence in one year. At least 3 credits must be internal and 3 credits must be external.</p>

<p><b>NCEA CERTIFICATE ENDORSEMENT</b></p>
<p>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. For example, 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.</p>

## VOCATIONAL PATHWAYS

Vocational Pathways are a Ministry of Education tool that has been developed to help students plan their journey from secondary school to the workforce. Vocational Pathways help students to see how their Level 2 learning and achievement is relevant to a wide range of jobs and study options, in six broad sectors of industry:

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

### The Vocational Pathways Award

The Vocational Pathways Award is shown on students' Record of Achievement. To achieve this award students must:

- Achieve NCEA Level 2 which includes literacy (10 credits) and numeracy (10 credits) at Level 1 or above, and
- Achieve 60 Level 2 credits from the Recommended Assessment Standards for a Vocational Pathways, including 20 Level 2 credits from Sector-Related Standards for the same sector. (Credits from the Recommended Assessment Standards and Sector-Related Standards must come from the same Vocational Pathway e.g Primary Industries).

### Why is it good for students to know about their achievement against Vocational Pathways?

- They can show their family, whanau or aiga their strengths, interests and achievements.
- They can identify their interests and link them to a career path.
- They might identify subjects or assessments that they need to take to follow a particular vocational pathway.
- The Vocational Pathways identify many different occupations – some of which students may never have considered before.
- The pathways also show students what employers may expect to see them achieve in their learning.
- The pathways help students be sure that they are developing the right skills for a particular career.
- A Vocational Pathways qualification could lead students into either further study or give them entry into the workplace.

**The following link may help you find out more about vocational pathways:**

- <http://youthguarantee.net.nz/vocational-pathways/>

# MY PLANNING PAGE

Students, 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.

<b>When I leave School I hope to..... (choose ONE path)</b>			
<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:	The training will possibly be in:	The degree will possibly be in:
↓	↓	↓	↓
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. Have you checked degree / diploma / certificate requirements with the Careers Advisor	
↓		↓	

	<b>Year 12 Subjects NCEA Level 2</b>
<b>Compulsory subjects</b>	Religious Studies English
<b>My option subjects</b>	Pick <b>6</b> options in order of preference:  <b>First Choice:</b>  <b>Second Choice:</b>  <b>Third Choice:</b>  <b>Fourth Choice:</b>  <b>Fifth Choice:</b>  <b>Sixth Choice:</b>