

**GLENFIELD
COLLEGE**



Senior Curriculum Handbook



FROM THE PRINCIPAL

I am pleased to present the Glenfield College Senior Academic Curriculum Handbook for 2020.

The pages that follow represent our core business as a school and will provide great support to students as they chart their academic pathways in the time ahead.

Our school community is proud of our recent academic success that is being enjoyed by the young people of our school. Academic results from recent years have shown marked improvements locally and nationally. The success is a reflection of the partnership between school and the home – high quality teaching and courses supported by the strong work habits of our students, a recipe which guarantees students will reach their academic potential.

I commend this booklet as a valuable tool in deciding courses of learning for next year and beyond, and I thank those that have brought this publication together. Please use the information within to open the door to further discussions with teachers, mentors and other staff about choosing their most appropriate academic options.

I encourage students to ask questions about curriculum pathways and, most importantly, to follow their passion when choosing their course of study.

All the best for your academic journey.

Paul McKinley

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USING THIS HANDBOOK

This Curriculum Handbook contains information about the subjects available at the senior level and is provided to assist students and their parents in making decisions about next year's course of study.

- You are encouraged to plan carefully and consult widely as you choose your subjects for the senior school. In making your choices, you should be realistic about your ability (skills) and interests and, most importantly, you need to consider goals and aspirations for your career and further study. Use the planning sheet on page 9.
- Subjects have entry requirements that you need to attain before you can opt for them. See details in this handbook or ask the teacher in charge of the subject. Students who do not meet the published entry requirements should apply to the relevant Head of Department.
- Subjects will proceed in 2020 depending on numbers of applicants and the availability of staff and facilities. See note re: e-learning on page 12.
- Some courses have costs for materials that the students can take home to keep. We request a contribution towards these costs/materials from parents/caregivers.
- Consult the Careers Department, your Dean, subject teachers and your Mentor early in the subject-selection process if you are unsure of the subjects you should be doing. See pages 7 and 8.

KNOWING THE FACTS

Your teachers will:

→ **explain to you**

the full option structure at our school

NCEA, unit standards and other National Qualification Framework (NQF) qualifications

why schools make English and Mathematics compulsory at Level 1

how subjects progress through Levels 1, 2 and 3:

- to do some subjects in Level 2 and 3 you have to do them in Level 1
 - it may not be necessary to take a subject at every level
 - some subjects and courses can be taken up at tertiary level without previous study
 - that the subjects you take are only important for a relatively small number of jobs. Often the year level you reach at school or the results you get are more important than the subjects you took.
-

→ **encourage you**

to choose subjects on the basis of what you like and what you are good at

to think about your course of study for Levels 1-3 and beyond, so that you know where you are going and what you need to get there

to have 2 or 3 broad career interests or work areas in mind

to keep your options as broad as you can while at the same time following your current dream

to talk over your subject choices with your parents.

→ **discuss with you**

how particular subjects will develop your skills and knowledge in ways that are useful or required for the career areas you are thinking about.

CHOOSING YOUR SUBJECTS FOR 2020

Your college years are a time for exploring ideas and possibilities and finding out more about yourself. Plan to keep your course as broad as possible for as long as possible. Talk with a broad range of people about your selection – parents and whanau, teachers, tutors, careers advisor or Careers New Zealand advisors.

Keep in mind the following;

INTEREST: It is important that you are interested in and enjoy the subjects you choose.

- Which subjects do I like doing now?
- Which subjects am I interested in doing next year that I haven't already studied?
- What do I like doing outside school (e.g. playing music, helping people, thinking creatively)? Do any subjects include these activities?

GOOD AT: It is important to consider subjects that you are going to do well at

- Which subjects am I strongest in?
- What subjects do others say I am good at?

NEEDED FOR THE FUTURE: It is important to consider what subjects you need for your future career ideas

- Which are the must-have or most useful subjects for each of your career ideas?
- Some subjects which are not strongly related to a particular job may provide a base for a lifelong interest or hobby.
- Some subjects develop specific and generic skills, not just content knowledge.

RECORD OF LEARNING

- How do the subjects contribute to my overall Record of Learning?
- Can I complete NCEA Level 1, 2 or 3?
- Am I meeting literacy and numeracy requirements?
- Can I achieve University Entrance?
- Am I meeting the requirements for tertiary courses / apprenticeship opportunities?

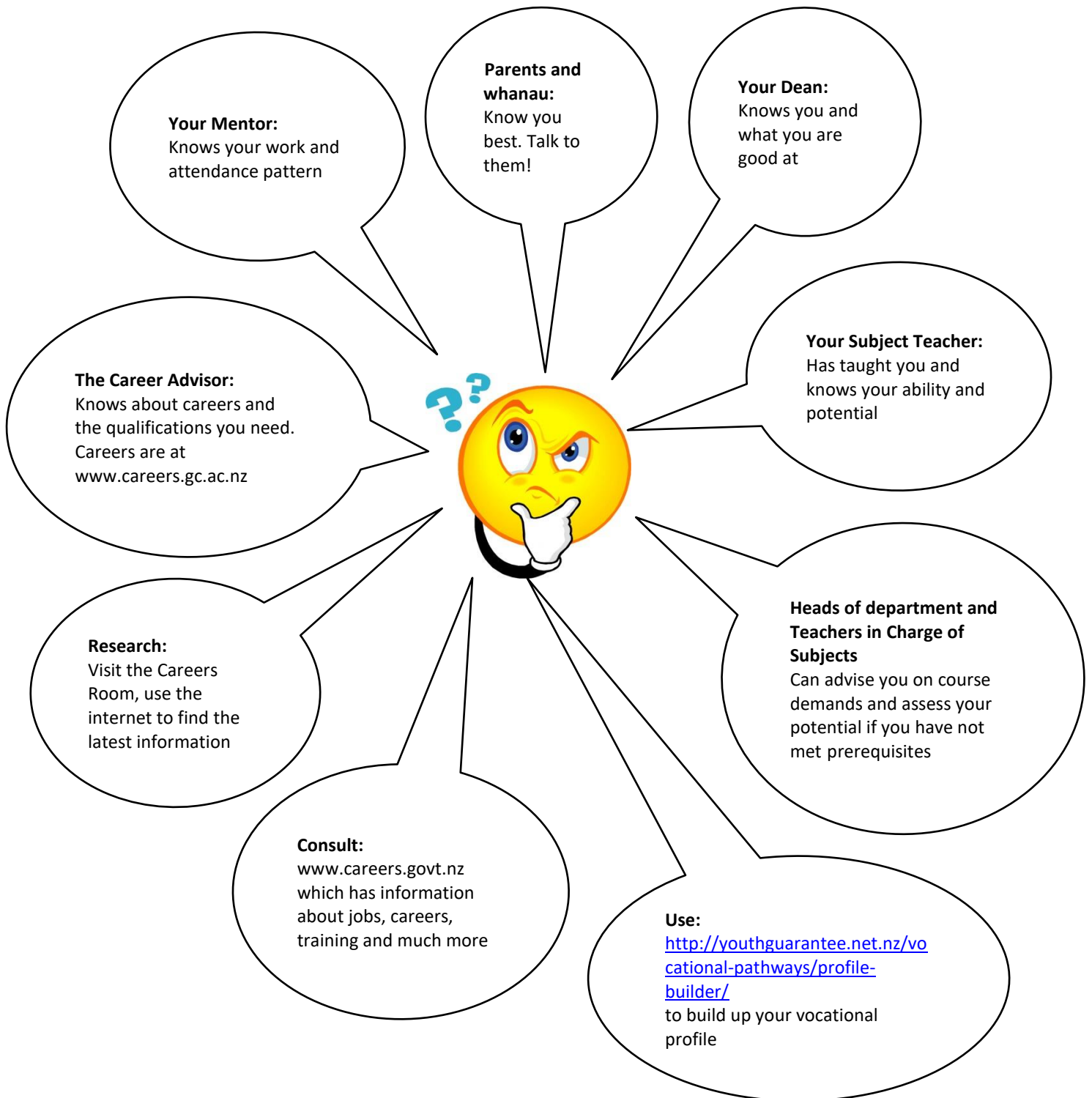
Remember, it's OK if you're unsure what you want to do in future, studying a broad range of subjects will keep your career options open.

Keeping up with English and Mathematics is highly recommended.

Please note the following:

- Some students' courses may not fit the timetable when it is prepared so you may be contacted and asked to re-choose.
- If you do not make sufficient progress in the remainder of the year (i.e. in your entrance exams, course work and end-of-year exams), you may not be accepted into the subject of your choice

WHO SHOULD YOU TALK TO ABOUT SUBJECTS AND CAREER CHOICES?

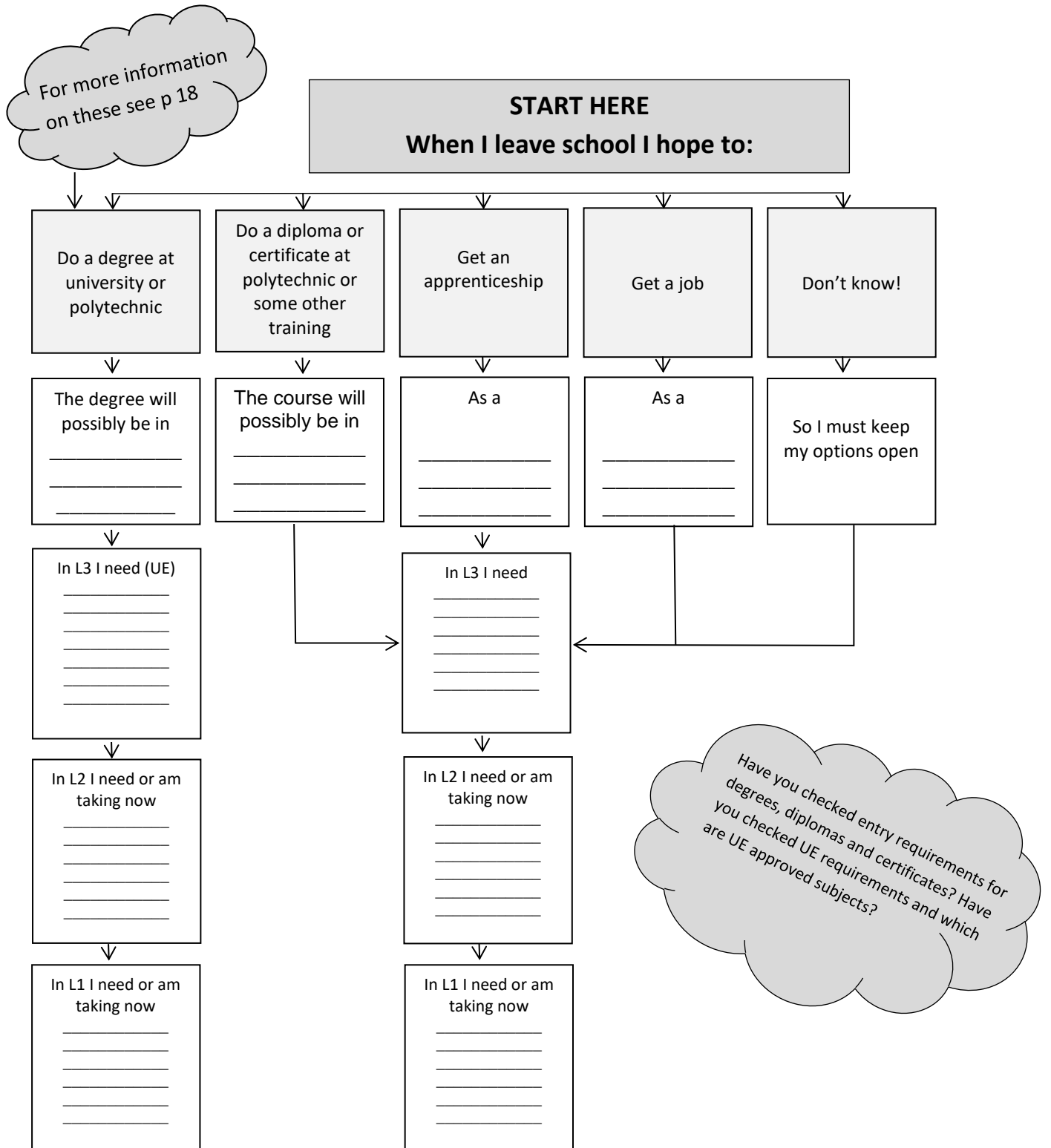


STAFF WHO CAN HELP YOU

Art	.....	Mr Montreal
Automotive	.....	Mr Choromanski
BCATS Wood	.....	Mr Charles
Biology	.....	Mrs Hanoosh
Business Studies	.....	Ms Zhu
Careers	.....	Mr Tod
Catering and Hospitality	.....	Ms Ferguson
Chemistry	.....	Ms O'Hara
Computer Applications	.....	Mr Hill
Dance and Drama	.....	Ms Wilson
Design & Visual Communication	.....	Mr Montreal
Employment Pathways	.....	Mr Tod
English	.....	Mr Lee
English for Speakers of Other Languages	.....	Ms Gray
Catering and Hospitality	.....	Ms Ferguson
Gateway	.....	Mr Tod/Mrs Foolchand
Geography	.....	Mr Gardner
History	.....	Mr Snookes
Digital Technology	.....	Mr Hill
Maori	.....	Ms Roberts-Tuahine
Mathematics	.....	Mrs Higgins
Music	.....	Mr Kus
Physics	.....	Mr Aston
Physical Education	.....	Mrs Colliar
Science	.....	Mr Aston
Services Academy	.....	Mr Bickford
Technology	.....	Ms Ferguson
Tourism Studies	.....	Mr Tod

SUBJECT PLANNING SHEET

Once you have discussed subjects and researched some possible career options you should use the planner below to record your decisions.



YEAR 11 - 2020

National Certificate of Educational Achievement (NCEA) – Level 1

To complete NCEA Level 1 you need 80 credits from any level of the National Qualifications Framework, including 10 literacy credits and 10 numeracy credits.

SUBJECTS

Each student must choose **SIX** subjects.

COMPULSORY COURSES AT Year 11

- **English**
- **Mathematics.** *See your current Mathematics teacher or Mrs Higgins (HOD) for advice.*

OTHER SUBJECTS AT Year 11

- As you enter the senior school, it is essential that you identify which courses/subjects carry through to Year 13/Level 3.
- It is a good idea to work backwards from Year 13/Level 3 subjects in the expectation that you may need Level 3 to gain the necessary qualifications for your career choice. If you are considering university, you should choose subjects that will allow you to take at least four approved subjects in Level 3.
- You should try to keep your subjects as broadly based as possible.
- There are some subjects which you are allowed to start at Level 1.
- If you wish to choose a subject for which you do not meet the entry requirements, consult the Dean.
- A few students may select courses from more advanced levels with the approval of the HOD, the Dean and their parents.
- Consult the Careers Department, your Dean, your Form Class Teacher and your subject teachers early in the subject-selection process if you are unsure of what subjects you should be doing.

RESTRICTIONS

- It is usual to **limit the number of subjects which require a portfolio** for final assessment at this level.

YEAR 12 - 2020

NCEA Level 2 Certificate

To complete NCEA Level 2 you need 80 credits, of which 60 must be from Level 2 standards or higher. The other 20 can be from any level of the National Qualifications Framework. There are no literacy or numeracy requirements for Level 2 (however, note the requirements for University Entrance pages 16 and 17).

SUBJECT REQUIREMENTS

- You must study **SIX** subjects.
- **English is highly recommended.**
- Many subjects have prerequisites. You will be given information about these.
- There are some subjects which you are allowed to start at Level 2. Try to visit the teachers in charge to talk to them about their subjects.
- A few students may select courses from more advanced levels with the approval of the HOD, the Dean and their parents.
- Entry to courses will be based on progress made the previous year in that subject. Students who have not met the requirements for their subject choice will be required to attend Course Confirmation Day before school starts next year.
- There are Level 1 Numeracy and Level 2 Literacy requirements for University Entrance. Please see page 15 and 16 for details.
- Consult the Careers Department, your Dean, your Form Class Teacher and your subject teachers early in the subject-selection process if you are unsure of what subjects you should be doing.

RESTRICTIONS

- It is usual to **limit the number of subjects which require a portfolio** for final assessment at this level.

YEAR 13 – 2020

NCEA Level 3 Certificate

To complete NCEA Level 3 you need 80 credits, of which 60 must be from Level 3 standards. The other 20 must be at Level 2 or above of the National Qualifications Framework. Students need to note the special requirements for University Entrance.

COURSES AT YEAR 13

- Year 13 students must select a full-time course of 5 or 6 subjects that may include subjects from another senior level
- Check the credit level of your courses carefully and in particular the requirements for University Entrance.
- There are some subjects which you are allowed to start at Level 3. You will be given information about these.
- Many subjects have prerequisite standards. Check the details in this Curriculum Handbook.
- Entry to courses will be based on progress made the previous year in that subject. Students who have not met the requirements for their subject choice will be required to attend Course Confirmation Day before school starts next year.
- Consult the Careers Department, your Dean, your Form Class Teacher and subject teachers early in the subject-selection process if you are unsure of what subjects you should be doing.

RESTRICTIONS

- It is usual to **limit the number of subjects which require a portfolio** for final assessment at this level.

E–LEARNING

For a learner who has a proven record of being self-motivated, responsible and independent e-learning is an option for a course of study. The Deputy Principal in charge of Curriculum, in consultation with the Year 13 Dean and other teachers, will decide whether a student will be able to participate in e-learning.

SPECIAL PROGRAMMES

SERVICES ACADEMY

The Services Academy option is available as part of the curriculum at Glenfield College. Students in the Academy will work on:

- physical fitness and preparation for the Services
- military skills such as discipline, drills, leadership, teamwork, personal presentation, goal setting, bush craft
- theory based components.

They will also achieve credits which will contribute to their achievement of the relevant NCEA qualification which they are sitting.

Level 2 Services Academy students will have two option lines in the Academy as they will be attending the camp programme prescribed by the Ministry of Education. They will choose four other subjects, one of which should be Physical Education.

Students in Level 3 who wish to include the Academy as one of their options will have one option line in the Academy and will choose another 5 (or 4) subjects, one of which should be Physical Education.

Refer to pages 69 to 71 for specific detail regarding the Academy courses.

Please see Mr Bickford (Director) or your Dean if you are interested in the Services Academy.

GATEWAY

Gateway is a programme designed to strengthen the pathway for students from school to work. Students choose an industry they are interested in and are given the opportunity to gain some on-job experience in an actual working environment. This can be completed either one day a week for a set time or during the holidays depending on individual students and what the employers can offer. While on work-placement students also gain unit standards that count towards their national qualification.

The Gateway programme is an **off-timetable** option available to selected Year 12 and 13 students. Currently students take a full course of subjects as well as being involved in the Gateway programme.

Please see Mrs Foolchand (Gateway Co-ordinator) in the Careers Room if you are interested in finding out more about the Gateway programme.

QUALIFICATIONS IN THE SENIOR SCHOOL

The National Qualifications Framework, NQF

The National Qualifications Framework, NQF, includes a number of National Certificates including NCEA Levels 1, 2 and 3. The NQF uses **standards** to show what students know and can do. Qualifications are gained by building up **credits** awarded for each standard you achieve.

Standards are organized into 'levels' of increasing difficulty. Some are assessed internally by your teachers and some externally in end-of-year exams. There are two types of standards – unit standards and achievement standards. Both are used in programmes taught in schools. For achievement standards you can be awarded 'achievement', 'merit' or 'excellence' or 'not achieved'. For unit standards you get either 'achieved' or 'not achieved'.

Each standard is worth a set number of credits. When you achieve a standard, these credits count towards a qualification.

NCEA, National Certificate of Educational Achievement - Levels 1, 2 and 3

NCEAs are the national school qualifications typically assessed in Years 11 to 13. NCEAs are just three of the many qualifications on the National Qualifications Framework (NQF).

You may be able to start studying towards other National Certificates (e.g. computing, electro-technology, tourism, employment skills) while still at school. You can see what is available, and the standards on which they are based on the NZQA website (www.nzqa.govt.nz/framework).

NCEA Level 1, 2 and 3 Requirements

- Level 1:** 80 credits from any level, including 10 literacy credits and 10 numeracy credits.
- Level 2:** 80 credits, 60 of which must be from Level 2 standards or higher. The NCEA Level 1 Literacy and Numeracy requirements **MUST** be met to achieve the Level 2 NCEA qualification. If you wish to go to University see page 16 to 17 for UE Literacy requirements.
- Level 3:** 80 credits, 60 of which must be from Level 3 standards or higher.
- N.B. (1) The other 20 credits must be from Level 2 or above.
- (2) There are no literacy or numeracy requirements for Level 3 NCEA. Note, however, there are both literacy and numeracy requirements for the Common Entrance Standard for admission to New Zealand universities. See page 16 to 17.

Rewarding Achievement/Endorsements

Achievement Standards do not just set out expectations for achieving the standard. They also recognize performance that meets 'Merit' or 'Excellence' criteria. You can gain NCEA certificates endorsed with Merit or Excellence. If you get a minimum of 50 credits at Excellence level you will earn an NCEA Certificate endorsed with Excellence. If you get a minimum of 50 credits at Merit level you will earn an NCEA Certificate endorsed with Merit. (If you get 50 credits with a mix of Merit and Excellence you will earn an NCEA Certificate endorsed with Merit.)

You can obtain a course endorsement with Merit or Excellence in individual subjects. In order to gain a course endorsement, you will require at least 14 credits at Merit or Excellence level within that subject. These credits must include a minimum of 3 credits from internally assessed standards and 3 credits from externally assessed standards. The only courses exempted from these requirements are Levels 1-3 Physical Education and Level 3 Visual Arts.

For a subject endorsement, the credits must be earned in a single school year.

NZQA Liaison Teacher

Mr King is the NZQA liaison teacher (i.e. the Principal's Nominee) for our school. If you have any questions about national qualifications, or would like more details, please contact him.

Scholarship

Full time secondary school students have the opportunity to enter New Zealand Scholarship. Scholarship is not a qualification but is an award that is used for recognizing excellence. It does not earn credits but results are recorded on the student's Record of Achievement.

New Zealand Scholarship is designed to extend the best secondary students and enable top scholars to be identified and acknowledged. Students will be able to enter one or more scholarship subjects as well as their Level 3 assessments.

Scholarship will be awarded to the best students in each of the Scholarship Subjects. In most subjects 2-3% of the number of students entering in Level 3 of that subject will be awarded a scholarship.

Note: In order to gain the monetary award that goes with these awards students must be permanent residents of New Zealand.

New Zealand Scholarship Subjects for Assessment

The list of subjects for New Zealand Scholarship for assessment includes the following subjects available in Level 3 at Glenfield College.

Biology	Calculus	Chemistry
Dance	Design and Visual Communication	Drama
English	Geography	History
Music	Physical Education	Physics
Statistics	Te Reo Maori	Visual Arts - Painting

NZQA Website

It is essential that all students make themselves familiar with the NZQA web site (www.nzqa.govt.nz). This gives them access to a huge amount of information and allows students to check results, exam specifications, rules and procedures, approved subject lists for university entrance and scholarship, literacy requirements for university entrance etc.

UNIVERSITY ENTRANCE

University Entrance (UE) will continue to be the minimum requirement to go to a New Zealand university. For entry into university you will need:

NCEA Level 3 – ie 60 credits at Level 3 or higher and 20 credits at Level 2 or higher

Including:

at least **14 credits** at Level 3 or higher in **three** subjects from the list of **approved** subjects

the remaining credits to achieve NCEA Level 3 may come from non-approved subjects

And:

UE Numeracy – **10 credits** at level 1 or higher from specified achievement standards or three specific numeracy unit standards

UE Literacy – **10 credits** (5 in reading and 5 in writing) from specified standards

Once you have met the requirements for University Entrance it will appear on your Record of Achievement.

Approved Subjects Offered at Glenfield College

Biology	Business Studies	Calculus
Chemistry	Dance	Design and Visual Communication
Drama	English	Geography
Health	History	Music
Painting (Art)	Physical Education	Physics
Statistics	Te Reo Maori	

Important

This is the **MINIMUM** requirement for University Entrance.

Many institutions ask for more than the minimum, with excellence and merit grades, and in particular subjects (see note below). **You should use university and polytechnic websites, and the school Careers Department, to check entry requirements as:**

- Entry requirements to similar courses may vary from one institution to another.
- Some courses have restricted entry – there are more applicants than places.
- Some institutions rank students based on their achievement using a specified number of best Level 3 credits.
- Some university faculties require specific subjects to have been studied at school – please consult with the Careers Advisor.

Points System

Several universities have introduced a “points system” as an entry requirement. This is to encourage students to aim for merit and excellence grades, as indicated above.

Points are calculated as follows:

Achieved	2 points
Merit	3 points
Excellence	4 points

See the Careers Advisor for details of each university’s requirements.

The University of Auckland Special Requirements

From 2016 the University of Auckland introduced an **Academic English Language Requirement** for entry into all its undergraduate programmes.

This will be as follows:

All domestic and international students applying for admission based on New Zealand University Entrance must also have gained **a minimum of 17 credits in the subject of English at Level 2 and/or 3**. This is in addition to the University Entrance literacy standard.

(Students who achieve University Entrance Literacy through Te Reo Maori will not be required to meet the Academic English Language Requirement).

However, if you do not meet the requirement, but otherwise qualify for admission, you will be conditionally enrolled and required to pass an academic English language course specified by your faculty during your first year of study. You may meet the requirement as part of your General Education programme.

Post-School Education and Training Options

To make good subject choices you need to think about the next years at school and the education and training you might want to do after school. There is a range of options available that allow you to continue gaining qualifications.

Youth Guarantee Programmes

- offer unit standards and national certificates
- specific entry requirements
- allow you to build up skills to further training or find employment
- government funded (TEC)
- no fees
- may get allowances

Apprenticeships – Learn while you earn

- offer on-the-job training and off-job study
- **usually require at least NCEA Level 1 qualifications, including English and Maths**
- **a positive attitude and commitment are vital**
- allow you to gain industry qualifications, national certificates and diplomas
- Industry Training Organisations (ITO) set standards and monitor progress
- other organisations such as Polytechnics may deliver the training
- fees usually paid by employer

Private Training Establishments (PTEs)

- offer a range of tertiary qualifications
- often in specialist fields, e.g. travel and tourism
- may start at different times of year
- privately owned
- many, not all, NZQA quality assured
- fees; may be able to get loans and allowances

Polytechnics

- offer mainly certificate and diploma courses
- **Certificate courses require completion of Year 12**
- **Diploma courses usually require 48 Level 2 credits, including 8 literacy credits**
- some degree courses offered
- may provide bridging to degree courses
- often applied industry and vocational focus
- fees; can get loans and allowances

Universities

- offer mainly degree level courses.
- Most basic degree courses take three years to complete
- **need University Entrance to enter (see page 16)**
- lectures, labs, independent study
- high level of research activity
- fees; can get loans and allowances

Careers NZ Website

The Careers NZ website is an excellent source of information covering career information (including useful school subjects), decision making and career planning. www.careers.govt.nz

Glenfield College Careers Department

The Careers Department is open to all students. There is a “drop in” service at morning interval and lunchtime, or students can make an appointment for one on one career counselling.

All students from Years 9 to 13 are involved in careers activities throughout the course of the year. These programmes aim to help students develop self-awareness, find out about opportunities and then put decisions into action. Careers information is accessible at www.careers.gc.ac.nz.

Alastair Tod: Careers Advisor
Telephone: 09 444 9066 Ext 704
Email: a.tod@gc.ac.nz

Rena Foolchand: Gateway Coordinator
Telephone: 09 444 9066 Ext 631
Email: r.foolchand@gc.ac.nz

Vocational Pathways Profile and Award

The Vocational Pathways provide new ways to achieve NCEA Level 2. These pathways let you see how learning and achievement is valued in the workplace. They also suggest the types of study options and jobs opportunities available to learners.

Employers can see learner strengths, abilities, interests and achievements when they look at the Vocational Pathways information.

Detailed information about the Vocational Pathways can be found at: <http://www.youthguarantee.net.nz/start-your-journey/>

Vocational Pathways Profile

The Vocational Pathways Profile is a visual graph that shows learners' achievement against the Vocational Pathways. A learner will be able to see their progress and identify where they need to raise their level of achievement. This will help learners when planning their courses for the following year. Learners will be able to check that their course selections provide the pathways they need to achieve their goals.

Learners can see their Vocational Pathways Profile whenever they login to NZQA.

Learners can also use the Profile Builder to plan a Vocational Pathway: <http://www.youthguarantee.net.nz/start-your-journey/>

Vocational Pathways Award

To achieve the Vocational Pathways Award, a learner must:

- achieve NCEA Level 2 which includes literacy (10 credits) and numeracy (10 credits) at Level 1 or above, and
- achieve 60 x Level 2 credits from the Recommended Assessment Standards for a Vocational Pathway, including 20 x 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 eg Service Industries.

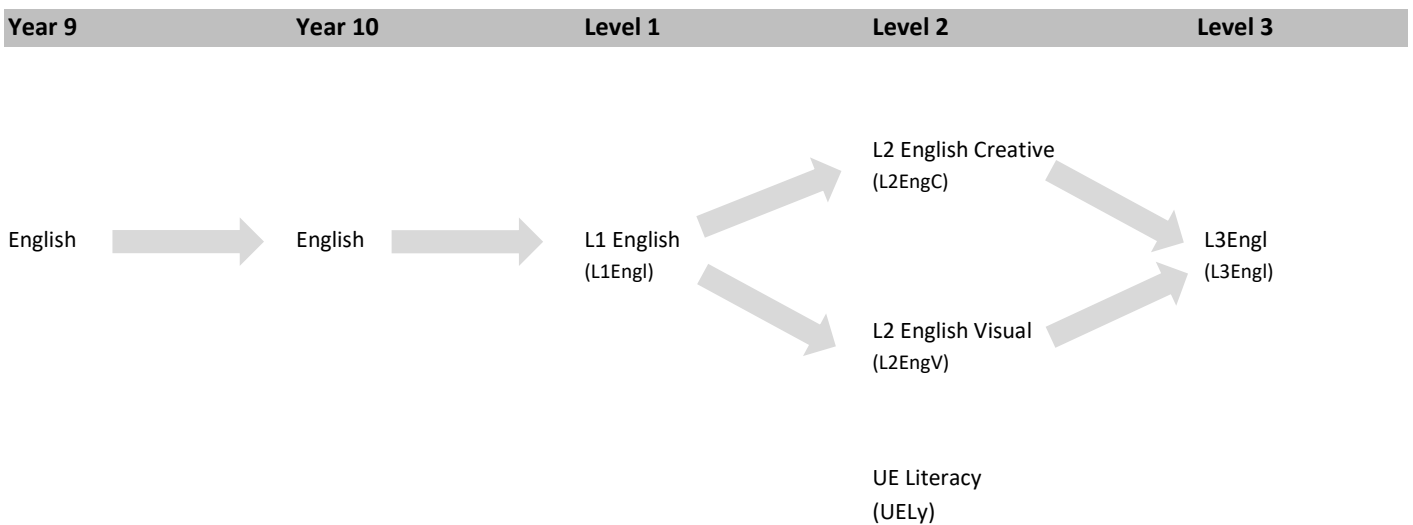
A learner can achieve more than one Vocational Pathways Award if they complete more than one Vocational Pathway.

A learner can see any Vocational Pathways Award they have achieved through their learner login. Achievement is recorded on the learner's Record of Achievement.

ENGLISH

At Glenfield College, our goal with the English subject is to empower students, through the study of story and communication, to become critical users of language, gain a deeper understanding of identity and human nature, and to be inspired to continue a life-long relationship with learning via language. When we have a strong grasp of the English language, we have more agency over our lives. Studying other peoples' stories helps grow our compassion and empathy for others, while writing our own stories empowers us through the understanding we gain about ourselves. The senior English courses have been developed so that Level 1 provides students with the foundation they need to succeed at NCEA. Level 2 courses are interest-based and students choose the course they are most enthusiastic about. Lastly, Level 3 English challenges students with tertiary level concepts and inspiring ideas and sets students up for university success. A Year 13 UE literacy course is also available for students who need this UE qualification to achieve their further academic ambitions.

Enquiries to Mr K Lee, HOD English



ENGLISH LEVEL 1

L1Engl

The Level 1 English programme builds on the skills that were developed through the junior curriculum and provides a new platform to allow students to access and succeed in NCEA. In this course, students will study a range of both written, visual and oral texts and be assessed through a variety of methods to allow students to demonstrate acquired skills across a range of disciplines that exist within the English curriculum.

Pre-requisite: n/a

Requirements: n/a

Contribution requested: \$3 for workbooks and study guide

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS90052 OR AS90053	Produce creative writing	1.4	3	5	Internal	N	N	N	N
	Produce formal writing	1.5	3	5	Internal	N	N	N	N
AS90855	Create a visual text	1.7	3	2	Internal	Y	N	N	N
AS90856	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	1.11	3	2	Internal	Y	N	N	N
AS90849	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	1.1	4	3	External	Y	N	N	N
AS90850	Show understanding of specified aspects(s) of studied visual and/or oral text(s), using supporting evidence	1.2	4	4	External	Y	N	N	N

ENGLISH CREATIVE LEVEL 2

L2EngC

This course is for students who are most passionate about the creative aspects of English. It is for students who especially enjoy creative writing, reading for fun and pleasure and want to develop their skills, knowledge and experience in these areas. It is also a good choice for students who want to study English (or English-related subjects such as Communication Studies, Advertising and Journalism) to a level beyond secondary school. There will be numerous writing opportunities in the programme, as well as visits by spoken word poets from Action Education. The course includes all the UE Reading and Writing requirements and allows students to progress through to Level 3 English.

Pre-requisite: Students need to have earned 14 credits in Level 1 English to be eligible for entry into this course. The HOD of English will decide overall selection, based on results and teacher recommendations.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91101	Produce a selection of crafted and controlled writing	2.4	6	2	Internal	Y	N	N	Y
AS91106	Form developed personal responses to independently read texts, supported by evidence	2.9	4	2	Internal	Y	N	Y	N
AS91103 OR AS91102	Construct a crafted and controlled visual and verbal text	2.6	3	2	Internal	Y	N	N	N
	Construction a crafted and controlled oral text	2.5	3	2	Internal	Y	N	N	N
AS91098	Analyse a specified aspect(s) of studied written text(s), supported by evidence	2.1	4	3	External	Y	N	Y	Y

ENGLISH LEVEL 2 VISUAL

L2EngV

This course is for students who are drawn most to the visual side of English. It is for students who love films, TV, comics and documentaries. Students in this course will study a range of visual texts. Also included in this programme is a portfolio of writing and the study of an external standard to ensure that students continue to develop and extend their written literacy skills, as well as their ability to construct arguments and think critically. This course will allow students to progress through to Level 3 English.

Pre-requisite: Students need to have earned 14 credits in Level 1 English to be eligible for entry into this course. The HOD of English will decide overall selection, based on results and teacher recommendations.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91101	Produce a selection of crafted and controlled writing	2.4	6	2	Internal	Y	N	N	Y
AS91104	Analyse significant connections across texts, supported by evidence	2.7	4	2	Internal	Y	N	N	N
AS91107	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	2.10	3	2	Internal	Y	N	N	N
AS91099	Analyse a specified aspect(s) of studied visual and/or oral text(s), supported by evidence	2.2	4	4	External	Y	N	N	Y

ENGLISH LEVEL 3

L3EngI

This course has been designed to ensure that students will be taught how to think critically and how to construct logically reasoned, convincing arguments so that the course acts as a stepping stone to tertiary study, regardless of future academic endeavours. Alongside this, the programme continues to develop skills essential to the English curriculum. Students will study written, visual and oral text types and within this there will be opportunities for students to explore a range of stories, as well as time to create their own. The aim of the course is that it scaffolds students to success at Level 3, whilst simultaneously preparing them for the kind of academic rigour they will face beyond secondary school.

Pre-requisites: For automatic entry into the course, students need to have earned 10 Level 2 credits from two of the following standards: 91101, 91098 and 91099. Students also need to have gained a Merit grade in one of these standards. In the meantime, entry into the course will be based on teacher recommendation. Students may also seek HOD approval for entry into the course. Students who have not met these requirements may be selected into the course based on teacher recommendation and need to have demonstrated, through previous English classes, an interest in the subject, commitment to learning and meeting deadlines, and contributing to a positive learning environment.

AS Number	Title of Standard	Subject Reference	Version	Credits	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91475	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	3.4	1	6	Internal	Y	N	N	Y
AS91479	Develop an informed understanding of literature and/or language using critical texts	3.8	1	4	Internal	Y	N	Y	N
AS91480	Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	3.9	1	3	Internal	Y	N	N	N
AS91472	Respond critically to specified aspect(s) of studied written text(s), supported by evidence	3.1	1	4	External	Y	N	Y	Y
AS91473	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	3.2	1	4	External	Y	N	N	Y

Note: The standards offered in this course may be altered at the discretion of the HOD

This course is for Year 13 students who have a desire to complete their University Entrance Literacy qualification, ie achieving five Reading and five Writing credits. The entire focus of this course is on helping students gain the skills needed to pass assessments which will earn them this qualification. It has been designed so that students are able to join the class at set times that suit their individual learning needs. This course will take the place of a study option. When students complete their individual goals they may return to a study class. Entry to the class may be dependent on HOD approval.

Prerequisites: Students need to be sitting a university approved Year 13 programme overall. Entry into the course will then be determined based on whether or not a student needs to earn the reading and/or writing UE literacy qualification. This is a semester-based course.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91101	Produce a Selection of Crafted and Controlled Writing	2.4	6	2	Internal	Y	N	N	Y
AS91105	Use Information Literacy Skills to Form Developed Conclusions	2.8	4	2	Internal	Y	N	Y	N
AS91106	Form Developed Personal Responses to Independently Read Texts, Using Supporting Evidence	2.9	4	2	Internal	Y	N	Y	N

ENGLISH LANGUAGE

All enquiries to Ms Sarah Gray.

Year 9

Year 10

Level 1

Level 2

Level 3

English Language

English Language

English Language
(L1 Elang)

English Language
(L2 Elang)

English Language
(L3 Elang)

English Language

L1ELang

Prerequisites: Senior students only

US Number	Title of Standard	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US27996	Write simple texts on everyday topics (EL)	5	3	Internal	N	N	N	N
US27998	Complete simple forms with personal information (EL)	5	3	Internal	N	N	N	N
US30984	Demonstrate understanding of simple spoken instruction in everyday situations (EL)	5	1	Internal	N	N	N	N
US30994	Read and understand simple text in everyday context (EL)	5	1	Internal	N	N	N	N

English Language

L2ELang

Prerequisites: Intermediate English user level

US Number	Title of Standard	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US27999	Write a simple connected text on a familiar topic (EL)	5	3	Internal	N	N	N	N
US28001	Complete a form (EL)	5	3	Internal	N	N	N	N
US30985	Demonstrate understanding of straight forward spoken instructions in a familiar context (EL)	5	1	Internal	N	N	N	N
US30995	Read and understand a straight forward text on a familiar topic (EL)	5	1	Internal	N	N	N	N

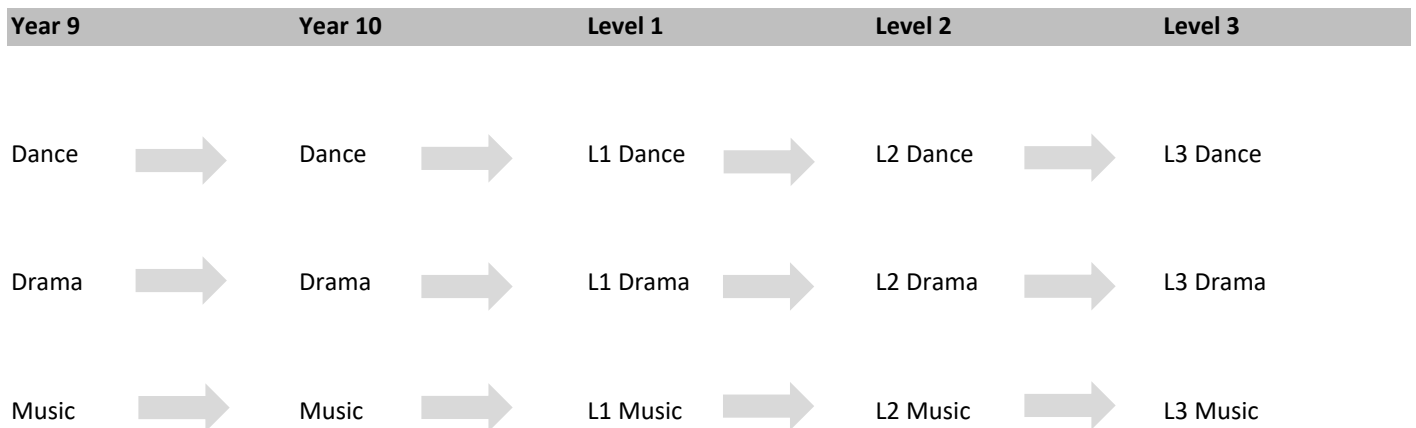
English Language

L3ELang

Prerequisites: Proficient English user level

US Number	Title of Standard	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US30997	Read and understand a text on a familiar topic (EL)	5		Internal	N	N	N	N
US30982	Demonstrate understanding of a spoken text on a familiar topic (EL)	5		Internal	N	N	N	N
US31021	Participate in a formal interview in an applied context (EL)	5		Internal	N	N	N	N
US28068*	Write a connected text on a familiar topic (EL)	5		Internal	N	N	N	N

PERFORMING ARTS



DANCE LEVEL 1**L1Danc**

Pre-requisite: Satisfactory completion of Year 10 Dance or by negotiation with TIC Dance, Ms Wilson.

Contribution requested: \$5 for RNZB workshop, \$5 for write-on exam workbook.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
AS90858	Compose dance sequences for given briefs	1.1	6	3	Internal	N	N	N	N
AS90002	Perform dance sequences	1.2	6	6	Internal	N	N	N	N
AS90859	Demonstrate ensemble skills in a dance	1.3	4	3	Internal	N	N	N	N
AS90005	Demonstrate knowledge of a dance genre or style	1.6	4	6	External	Y	N	N	N

DANCE LEVEL 2**L2Danc**

Prerequisites: 14 credits in Level 1 Dance, including achievement of external achievement standard, or by negotiation with TIC Dance, Ms Wilson

Contribution requested: \$5 for RNZB workshop, \$5 for write-on exam workbook.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
AS91206	Choreograph a solo dance to communicate an intention	2.2	4	2	Internal	N	N	N	N
AS91208	Perform a theatre dance to communicate understanding of the dance	2.4	4	3	Internal	N	N	N	N
AS91209	Perform a repertoire of dance	2.5	6	3	Internal	N	N	N	N
AS91211	Provide an interpretation of a dance performance with supporting evidence	2.7	4	2	External	Y	N	N	N

DANCE LEVEL 3**L3Danc**

Prerequisites: By discussion with the TIC, Dance, Ms Wilson

Contribution requested: \$5 for RNZB workshop, \$5 for write-on exam workbook.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
AS91590	Perform a solo or duet dance	3.3	4	2	Internal	N	N	N	N
AS91591	Perform a group dance	3.4	4	2	Internal	N	N	N	N
AS91592	Perform a repertoire of contrasting dances	3.5	6	2	Internal	N	N	N	N
AS91594	Analyse a dance performance	3.7	4	2	External	Y	N	N	Y

Drama

Drama is a part of the New Zealand Arts Curriculum. By engaging in Drama students develop the ability to effectively communicate through both written and oral language and through gesture and body language, qualities essential in becoming integral members of society. Studying Drama provides an environment in which the student develops in self-confidence, in expressing their ideas to others, and learning to work as a team member. By engaging in the practical and written aspects of the course, students are encouraged to express their own creative ideas and develop strategies of self-discipline to realise their full potential.

Drama is an optional NCEA subject at Year 11, 12 and 13. There are three internal practical assessments at each level and one external written paper at the end of the year. The senior Drama students also view a live theatre performance during the year to develop visual literacy in preparation for the external written paper. Each senior level performs a class production which is presented to parents, friends and the school community in the evening in the Kaipatiki Theatre which is thoroughly enjoyed by all. All Drama queries to Ms Wilson.

DRAMA LEVEL 1

L1Dram

To begin the year, students explore script and drama techniques to develop a performance using a contemporary script. Level 1 students will perform as part of a showcase evening of short scenes for an invited audience. In class they create and perform their own devised drama in a small group. Throughout the course, students will be encouraged to use stage technologies such as lighting, sound and costume to enhance their performance work. Level 1 is also the first time students view live professional drama performance on a school-organised trip.

Pre-requisite: Satisfactory completion of Year 10 Drama, including merit or above in Year 10 play study or Drama techniques and Achieved or higher in the Drama examination or by negotiation with the TIC of Drama.

Contribution requested: \$30 for theatre visit

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
AS90006	Apply drama techniques in a dramatic context	1.1	4	6	Internal	Y	N	N	N
AS90997	Devise and perform a drama	1.2	5	2	Internal	Y	N	N	N
AS90009	Perform an acting role in a scripted production	1.6	5	6	Internal	Y	N	N	N
AS90011	Demonstrate understanding of the use of drama aspects within live performance	1.7	4	7	External	Y	N	N	N

DRAMA LEVEL 2

L2Dram

In this course Level 2 students are encouraged to improve on the skills and techniques learnt in Level 1. Students begin by applying drama techniques to a script by a renowned playwright. Students will perform an acting role in a full length contemporary play for an invited audience. They create and perform their own devised drama in a small group and view a live professional drama performance on school-organised trips. Students will continue to experiment with stage technologies such as lighting, sound and costume to enhance their performance work.

Prerequisites: By discussion with TIC of Drama.

Contribution requested: \$30 for theatre visit

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
AS91213	Apply drama techniques in a scripted context	2.1	4	2	Internal	Y	N	Y	N
AS91214	Devise and perform a drama to realise an intention	2.2	5	2	Internal	Y	N	N	N
AS91218	Perform a substantial acting role in a scripted production	2.6	5	2	Internal	Y	N	Y	N
AS91219	Discuss drama elements, techniques, conventions and technologies within live performance	2.7	4	2	External	Y	N	N	Y

DRAMA LEVEL 3

L3Dram

In this course Level 3 students are encouraged to improve on the skills and techniques learnt in Level 2. The year begins with the study of a significant play and performance of an excerpt. Students also perform a full-length play before an invited audience. Students will learn about the role of a director and then cast and direct a piece of drama for public performance. They will have the opportunity to devise their own piece of contemporary theatre. In addition, they view a live professional drama performance on a school-organised trip.

Prerequisites: 14 credits or better in NCEA Level 2 Drama or by negotiation with TIC of Drama.

Contribution requested: \$35 for theatre visit

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
AS91512	Interpret scripted text to integrate drama techniques in performance	3.1	4	2	Internal	Y	N	Y	N
AS91513	Devise and perform a drama to realise a concept	3.2	5	2	Internal	Y	N	N	N
AS91517	Perform a substantial acting role in a significant production	3.6	5	2	Internal	Y	N	Y	N
AS91518	Demonstrate understanding of live drama performance	3.7	4	2	External	Y	N	N	Y

Music

In order to gain entry to Music at NCEA Level 1, students must:

- successfully complete the preparatory Year 10 Music course and/or
- demonstrate balanced performance and theory skills that reflect at least two years of Music studies through school instruction or private tutoring.

Each NCEA course is divided into two areas:

- Practical Music – involves achievement standards in solo and group music performance and music composition.
- Academic Music – consists of musicology papers that cover studies of musical works, advanced music theory and harmony arrangement, and music research.

Music technology Unit Standards are available through the STAR learning programme (courses). More information can be obtained from the Careers Department.

At NCEA Level 2-3 students design their own individual study programmes with a selection of achievement standards that reflect their interest and musical ability.

It is vital for students' overall development that they continue learning a musical instrument with either an itinerant or private teacher and participate in a range of extra-curricular activities available at the school.

Music is a university approved subject and at each level. Some of the achievement standards contribute to Level 1 literacy.

NCEA Level 2 certificate is required for most tertiary music-related courses. All music queries to Mr Kus, HOD Music.

MUSIC LEVEL 1

L1Musc

Prerequisites: Completion of Year 10 Music course with Merit in music performance and theory, or practical and theory skills reflecting two years of study through school-based or private tutoring.

Contribution requested: \$20 for theory workbook, study guides and music scores

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91090	Perform two pieces of music as a featured soloist	1.1	6	3	Internal	N	N	N	N
AS91091	Demonstrate ensemble skills through performing a piece of music as a member of a group	1.2	4	3	Internal	N	N	N	N
AS91092	Compose two original pieces of music	1.3	6	3	Internal	N	N	N	N
AS91094	Demonstrate knowledge of conventions used in music scores	1.5	4	3	External	Y	N	N	N
AS91095	Demonstrate knowledge of two music works from contrasting contexts	1.6	6	3	Internal	Y	N	N	N

MUSIC LEVEL 2

L2Musc

Prerequisites: 14 credits at NCEA Level 1, including at least Merit in music performance, or practical and theory skills reflecting three years of study through school-based or private tutoring.

Contribution requested: \$20 for theory workbook, study guides and music scores

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91270	Perform two substantial pieces of music as a featured soloist	2.1	6	2	Internal	N	N	N	N
AS91271	Compose two substantial pieces of music	2.4	6	2	Internal	N	N	N	N
AS91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	2.3	4	2	Internal	N	N	N	N
AS91273	Devise an instrumentation for an ensemble	2.8	4	2	Internal	N	N	N	N
AS91274	Perform a substantial piece of music as a featured soloist on a second instrument	2.2	3	2	Internal	N	N	N	N
AS91276	Demonstrate knowledge of conventions in a range of music scores	2.6	4	3	External	Y	N	N	N
AS91278	Investigate an aspect of New Zealand music	2.9	4	2	Internal	Y	N	N	N

Explanatory Notes: Students design their individual study programme from selected Achievement Standards listed above.

MUSIC LEVEL 3

L3Musc

Prerequisites: 14 credits at NCEA Level 2, including at least Merit in music performance and/or composition.

Contribution requested: \$20 for theory workbook, study guides and music scores





AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91416	Perform two programmes of music as a featured soloist	3.1	8	2	Internal	N	N	N	N
AS91417	Perform a programme of music as a featured soloist on a second instrument	3.2	4	2	Internal	N	N	N	N
AS91418	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	3.3	4	2	Internal	N	N	N	N
AS91419	Communicate musical intention by composing three original pieces of music	3.4	8	2	Internal	N	N	N	N
AS91421	Demonstrate understanding of harmonic and tonal conventions in a range of music scores	3.6	4	3	External	N	N	N	N
AS91422	Analyse a substantial music work	3.7	4	2	Internal	Y	N	N	N
AS91424	Create two arrangements for an ensemble	3.9	4	2	Internal	N	N	N	N
AS91425	Research a music topic	3.10	6	2	Internal	Y	N	Y	N

Explanatory Notes: Students design their individual study programme from selected Achievement Standards listed above.

VISUAL ART

All enquiries to Mr Montreal.

Year 9 **Year 10** **Level 1** **Level 2** **Level 3**

Art  Art  L1ArtC  L2ArtC  L3Art

ART LEVEL 1

L1ArtC

Prerequisites: Successful completion of Year 10 Practical Art Course or by negotiation with TIC.

Contribution requested Approximately \$42.50 pays for own art materials

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS90914	Use drawing methods and skills for recording information using wet and dry media	1.2	4	3	Internal	N	N	N	N
AS90915	Use drawing conventions to develop work in more than one field of practice	1.3	6	2	Internal	N	N	N	N
AS90916 OR AS90917	Produce a body of work informed by established practice which develops ideas using a range of media	1.4	12	3	External	N	N	N	N
	Produce a finished work that demonstrates skills appropriate to cultural conventions	1.5	4	3	Internal	N	N	N	N

ART LEVEL 2

L2ArtC

Students choose either Painting or Design pathways with Level 2 Art

Prerequisites: 14 credits at Level 1 Art

Contribution requested Approximately \$41.50 pays for own art materials

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91321	Produce a systematic body of work that shows understanding of art making conventions and ideas within painting	2.4	12	2	External	N	N	N	N
AS91311	Use drawing methods to apply knowledge of conventions appropriate to painting	2.2	4	2	Internal	N	N	N	N
AS91316	Develop ideas in a related series of drawings appropriate to established painting practice	2.3	4	2	Internal	N	N	N	N

ART LEVEL 3

L3Art

Students choose either Painting or Design pathways with Level 3 Art

Prerequisites: 14 credits at Level 2 Art or by negotiation with TIC.

Contribution requested Approximately \$41.50 pays for own art materials

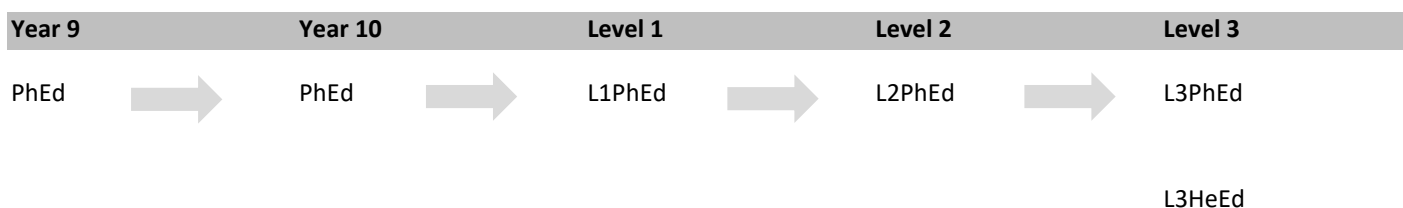
AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91446	Use drawing to demonstrate understanding of conventions appropriate to painting	3.2	4	2	Internal	N	N	N	N
AS91451	Systematically clarify ideas using drawing informed by established painting practice	3.3	4	2	Internal	N	N	N	N
AS91456	Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	3.4	14	2	External	N	N	N	N

Explanatory Notes: A three board portfolio is required for the external assessment. Art Painting studied at Level 3 is an approved subject for University Entrance.

PHYSICAL EDUCATION & HEALTH

The courses are developed through co-construction with the students and reviewed constantly to ensure that we are meeting the needs of all students. All courses contain theory and practical components that complement learning. Students need to actively participate in all components of the course to be successful. **Students will be expected to be changed into Glenfield College Physical Education uniform to complete the practical components of the courses.**

All enquiries to Ms Colliar, HOD Physical Education & Health.



PHYSICAL EDUCATION LEVEL 1

L1PhEd

Students will attempt 18 credits over the year. The course covers concepts of functional anatomy, biomechanics, fitness, and develops skills to work successfully in a group or team situation. Students will also be assessed on their ability in a physical activity.

Prerequisites: Success and participation in Year 10 Physical Education, or by negotiation with the HOD.

Contribution requested: \$40 for L1PE Trip

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS90962	Participate actively in a variety of physical activities and explain factors that influence own participation	1.1	5	3	Internal	N	N	N	N
AS90963	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	1.2	5	3	Internal	Y	N	N	N
AS90964	Demonstrate quality movement in the performance of a physical activity	1.3	3	3	Internal	N	N	N	N
AS90966	Demonstrate interpersonal skills in a group and explain how these skills impact on others	1.5	4	3	Internal	Y	N	N	N
AS90969	Take purposeful action to assist others to participate in physical activity	1.8	2	3	Internal	N	N	N	N

PHYSICAL EDUCATION LEVEL 2

L2PhEd

Students will attempt 18 credits over the year. They are expected to apply the knowledge that they learn to practical sporting/physical activity contexts. The course covers concepts of health; functional anatomy and biomechanics, fitness, how sport and physical activity impact on society, and safety management. Students will also be assessed on their ability in two physical activities.

There are a number of out-of-school activities offered to the students to create deeper learning opportunities. The approximate cost of these trips is \$100.

Prerequisites: 14 or more credits at NCEA Level 1 PhEd including successful completion of AS 90963, or HOD approval.

Contribution requested: \$100 for out-of-school learning activities

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91336	Analyse group processes in physical activity	2.10	3	2	Internal	Y	N	N	N
AS91330	Perform a physical activity in an applied setting	2.4	4	3	Internal	N	N	N	N
AS91331	Examine the significance for self, others and society of a sporting event, a physical activity or a festival	2.5	4	2	Internal	Y	N	N	N
AS91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	2.8	3	2	Internal	N	N	N	N
AS91329	Demonstrate the understanding of the application of biophysical principles to training for physical activity	2.3	4	2	Internal	Y	N	N	N

PHYSICAL EDUCATION LEVEL 3

L3PhEd

Students are expected to show a high degree of application of principles and skills learned in Level 1 and 2 to practical contexts. The course requires the application of functional anatomy and biomechanics, motor skill learning and concepts of fitness and health to a variety of physical activity settings. Students will also be assessed on their ability in a physical activity.

Prerequisites: 14 Credits at NCEA Level 2 PhEd, or HOD approval.

Contribution requested: \$30 – PE trip

AS/US Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91498	Evaluate physical activity experiences to devise strategies for lifelong well-being	3.1	4	2	Internal	Y	Y	N	N
AS91501	Demonstrate quality performance of a physical activity in an applied setting	3.4	4	2	Internal	N	Y	N	N
AS91503	Evaluate the use of health promotion to influence participation in physical activity	3.6	5	2	Internal	Y	Y	N	N
AS91789	Devise strategies for a physical activity outcome	3.9	4	2	Internal	N	N	N	N
US22768	Conduct and review a beginner level coaching session		6	2	Internal	N	N	N	N
US22771	Plan a beginner level coaching session for sports participants		4	2	Internal	N	N	N	N

Explanatory Notes: This course will offer a selection of standards from those listed above. The course will be partially co-constructed with the students based on interest and ability. Depending to the standards offered, and the need and ability of the students, this course may not offer UE to every individual student.

HEALTH LEVEL 3

L3HeEd

In Level 3 Health, students will learn to develop critical insights into current societal issues relating to well-being. Students will develop of range of skills that they can use to:

- Help them manage their own well-being (eg how to make health-enhancing choices and plan and action goals)
- Support the well-being of others (eg how to communicate effectively and see issues from different perspectives)
- Contribute meaningfully and responsibly to the well-being of communities (eg how to look critically at well-being issues affecting communities and to plan and take collective action).

Many assessments will be co-constructed with students and open to student interest to ensure students explore topics of relevance and interest to them.

Prerequisites: Minimum of 10 Level 2 English or History credits or with HOD approval. Level 3 Health is a UE approved subject and offers UE reading and writing credits.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91461	Analyse a New Zealand health issue	3.1	5	2	Internal	Y	N	Y	N
AS91462	Analyse an international health issue	3.2	5	2	External	Y	N	Y	Y
AS91463	Evaluate health practices currently used in New Zealand	3.3	5	2	Internal	Y	N	Y	N
AS91464	Analyse a contemporary ethical issue in relation to well-being	3.4	4	2	Internal	Y	N	Y	N

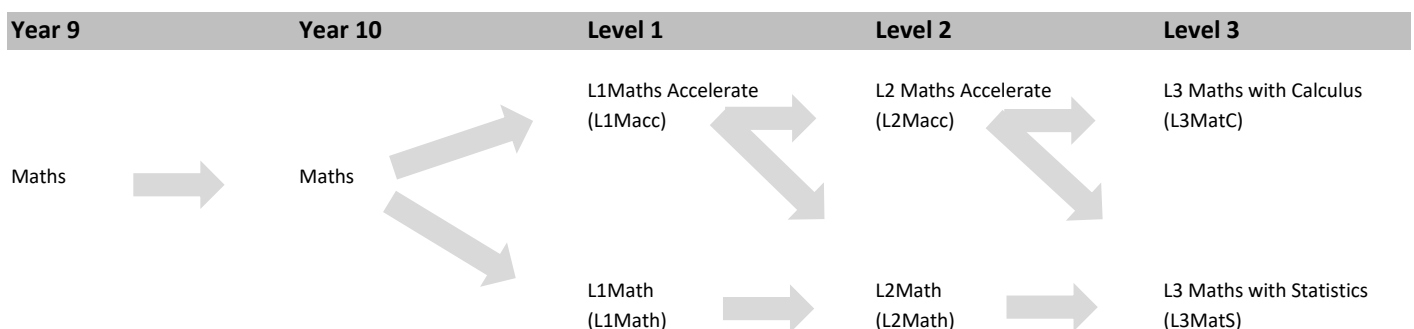
MATHEMATICS & STATISTICS

Mathematics and Statistics is a key component of the New Zealand Curriculum. By studying its principles, students gain the analytical and problem solving skills necessary for future success. Studying Mathematics helps students recognise patterns and create models, thereby enabling them to make sense of scientific, environmental and economic phenomena. In each course students apply their learning to problems involving number, algebra, geometry, measurement, probability and statistics.

Mathematics is compulsory up to and including successful completion of NCEA Level 1 as 10 numeracy credits are required for the award of a Level 1 qualification.

At NCEA Level 2 and 3 Mathematics is optional. **However**, demonstrating success in Mathematics is mandatory for many jobs and a pre-requisite for a number of competitive entry University courses.

All queries to Ms Higgins, HOD Mathematics.



MATHEMATICS ACCELERATE LEVEL 1

L1Macc

This course is for students who enjoy and excel in Mathematics and who have made excellent progress in the junior school. Entry to this course is by recommendation of the subject teacher. The course involves both internal and external assessment. Successful completion of this course is mandatory for entry into L2Macc and possession of a graphical calculator is **highly recommended** for this course (Casio FX9750G11, approximately \$100).

Prerequisite: Excellence performance in junior mathematics assessments and tests – determined by subject teacher and HOD Mathematics.

Course Requirements: Graphical calculator Casio FX9750G11 is essential

Content: Students can gain 18 credits from this course, which will comprise a number of internally and externally assessed achievement standards from the following:

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91027	Apply algebraic procedures in solving problems	1.2	4	4	External (MCAT)	N	Y	N	N
AS91028	Investigate relationships between tables, equations and graphs	1.3	4	3	External	N	Y	N	N
AS91032	Apply right-angled triangles in solving measurement problems	1.7	3	3	Internal	N	Y	N	N
AS91035	Investigate a given multivariate data set using the statistical enquiry cycle	1.10	4	3	Internal	Y	Y	N	N
AS91038	Investigate a situation involving elements of chance	1.13	3	3	Internal	Y	Y	N	N

Explanatory Notes: The standards offered in this course may be altered at the discretion of the HOD.

MATHEMATICS LEVEL 1

L1Math

This course is for all students in Year 11 and will give students the opportunity to gain the Numeracy requirements of the Level 1 Certificate. The course will include a variety of internally assessed standards and one externally assessed standard. Successful completion of this course is mandatory for entry into L2Math. Possession of a scientific calculator (approximately \$20) is **essential** for this course.

Course Requirements: Scientific calculator is essential

Content: Students can gain 18 credits from this course, which will comprise a number of internally and externally assessed achievement standards from the following:

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91026	Apply numeric reasoning in solving problems	1.1	4	3	Internal	N	Y	N	N
AS91030	Apply measurement in solving problems	1.5	3	3	Internal	N	Y	N	N
AS91035	Investigate a given multivariate data set using the statistical enquiry cycle	1.10	4	3	Internal	Y	Y	N	N
AS91037	Demonstrate understanding of chance and data	1.12	4	4	External	N	Y	N	N
AS91038	Investigate a situation involving elements of chance.	1.13	3	3	Internal	Y	Y	N	N

Explanatory Notes: The standards offered in this course may be altered at the discretion of the HOD.

MATHEMATICS ACCELERATE LEVEL 2

L2Macc

This course is for students who enjoy and excel in Mathematics. Students will have performed well in the L1Macc course and success at a Merit level in the externally assessed Level 1 standards is mandatory. The course involves a balance of internally and externally assessed standards. Successful completion of this course is mandatory for entry into Level 3 Calculus and possession of a graphical calculator (Casio FX9750G11 approximately \$100) is **essential** for this course.

Prerequisites: Merit grades or better in externally assessed standards 1.2 Algebra and 1.3 Relationships between tables, equations and graphs.

Course Requirements: Graphical calculator Casio FX9750G11 is essential. \$20 workbook is highly recommended for L2Macc.

Content: Students can gain 20 credits from this course, which will comprise a number of internally and externally assessed achievement standards from the following:

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91257	Apply graphical methods in solving problems	2.2	4	3	Internal	N	Y	N	N
AS91259	Apply trigonometric relationships in solving problems	2.4	3	3	Internal	N	Y	N	N
AS91261	Apply algebraic methods in solving problems	2.6	4	3	External	N	Y	N	N
AS91262	Apply calculus methods in solving problems	2.7	5	3	External	N	Y	N	N
AS91264	Use statistical methods to make an inference	2.9	4	3	Internal	Y	Y	N	N

MATHEMATICS LEVEL 2

L2Math

This course is for students who have performed well in the L1Math course. The course will include a variety of internally assessed standards and one externally assessed standard. Successful completion of this course is mandatory for entry into L3 Statistics and possession of a graphical calculator (Casio FX9750G11 approximately \$100) is **highly recommended** for this course.

Prerequisites: 14 Level 1 Mathematics credits, including 4 credits from the externally assessed standard AS91037, or by negotiation with the HOD.

Course Requirements: Graphical calculator Casio FX9750G11 is recommended.

Content: Students can gain 17 credits from this course, which will comprise a number of internally and one externally assessed achievement standards from the following:

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91256	Apply co-ordinate geometry methods in solving problems	2.1	2	3	Internal	N	Y	N	N
AS91259	Apply trigonometric relationships in solving problems	2.4	3	3	Internal	N	Y	N	N
AS91260	Apply network methods in solving problems	2.5	2	3	Internal	N	Y	N	N
AS91264	Use statistical methods to make an inference	2.9	4	3	Internal	Y	Y	N	N
AS91267	Apply probability methods in solving problems	2.12	4	3	External	Y	Y	N	N
AS91268	Investigate a situation involving elements of chance using a simulation	2.13	2	3	Internal	Y	Y	N	N

MATHEMATICS WITH STATISTICS LEVEL 3

L3MatS

This course is for students who have performed well in the L2Math course. The course will include a variety of internally assessed standards and one externally assessed standard. Possession of a scientific calculator (approximately \$20) is **highly recommended** for this course. Entry is at the discretion of HOD. It is possible for students to elect to take both L3 Calculus and L3 Statistics.

Prerequisites: 14 Credits in Level 2 Mathematics, including 4 credits from the externally assessed standard AS91267, or by negotiation with the HOD.

Course Requirements: \$20 workbook is highly recommended for L3MatS. **Scientific calculator is essential**

Content: Students can gain 19 credits from this course, which will comprise a number of internally and one externally assessed achievement standards from the following:

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91580	Investigate time series data	3.8	4	2	Internal	Y	Y	N	N
AS91581	Investigate bivariate measurement data	3.9	4	2	Internal	Y	Y	N	N
AS91582	Use statistical methods to make a formal inference	3.10	4	2	Internal	Y	Y	N	N
AS91585	Apply probability concepts in solving problems	3.13	4	2	External	N	Y	N	N
AS91587	Apply systems of simultaneous equations in solving problems	3.15	3	2	Internal	N	Y	N	N

MATHEMATICS WITH CALCULUS LEVEL 3

L3MatC

This course is for students who have performed well in the L2Macc course. They will possess very well developed skills in Algebra and Calculus and success at a Merit level in the externally assessed Level 2 standards is mandatory. This course is assessed predominantly through externally assessed standards. Possession of a graphical calculator (Casio FX9750G11 approximately \$100) is **essential** for this course and entry is at the discretion of the HOD. It is possible for students to elect to take both L3 Calculus and L3 Statistics.

Prerequisites: Merit grades or better in externally assessed standards 2.6 Algebra and 2.7 Calculus

Course Requirements: \$20 workbook is highly recommended for L3Macc. **Graphical calculator Casio FX9750G11 is essential.**

Content: Students can gain 21 credits from this course, which will comprise one internally and a number of externally assessed achievement standards from the following:

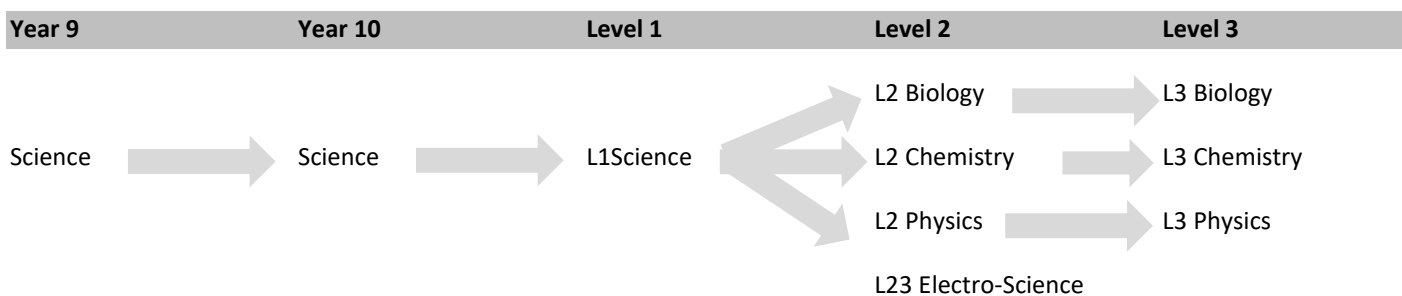
AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91574*	Apply linear programming methods in solving problems	3.2	3	2	Internal	N	Y	N	N
AS91575	Apply trigonometric methods in solving problems	3.3	4	2	Internal	N	Y	N	N
AS91577*	Apply the algebra of complex numbers in solving problems	3.5	5	2	External	N	Y	N	N
AS91578	Apply differentiation methods in solving problems	3.6	6	2	External	N	Y	N	N
AS91579	Apply integration methods in solving problems	3.7	6	2	External	N	Y	N	N

Explanatory Notes: *Students will elect to take one of either AS91577, which is externally assessed, or AS91574, which is internally assessed.

SCIENCE

Science is the subject which uses data from experiments to explain the how and the why of what happens in the world around us. Our courses are therefore designed with experiments as a fundamental part of the learning. The Science process also underpins many of the careers on offer to our students today.

All enquiries to Mr Aston, HOD Science



SCIENCE LEVEL 1

L1Scie

Students are expected to have made reasonable progress in Year 10 Science to be entered for this course. Students are introduced to the different strands of Science: Biology, Chemistry, Physics and Planet Earth and Beyond.

Learning is achieved through experiments, research and real-life problem solving. Students will complete a series of internal Achievement Standards. Acceptable performance in these will see students invited to enter the external Achievement Standard.

At least 14 credits in this course is a prerequisite for Level 2 Biology, Level 2 Chemistry and Level 2 Physics. Students with 12 credits or better will be able to enter the Level 2 Electrosience course.

Contribution Requested: \$20 workbook is highly recommended

Prerequisites: Selection by HOD Science based on Year 10 Science results.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS90941	Investigate implications of electricity and magnetism in everyday life	S1.2	4	3	Internal	N	Y	N	N
AS90948	Demonstrate understanding of biological ideas relating to genetic variation	S1.9	4	3	External	Y	N	N	N
AS90935	Carry out a practical physics investigation that leads to a mathematical relationship, with direction	P1.1	4	3	Internal	N	Y	N	N
AS90943	Investigate implications of heat for everyday life	S1.4	4	3	Internal	N	Y	N	N
AS90947	Investigate selected chemical reactions	S1.8	4	4	Internal	N	N	N	N
AS90954	Demonstrate understanding of the effects of astronomical cycles on planet Earth	S1.15	4	3	Internal	Y	N	N	N

BIOLOGY LEVEL 2

L2Biol

This course covers a broad range of biological topics ranging from the preparation of microscope slides, to the inner workings of cell organelles, the comparative study of mammals, fish and insects, the development of methods determining the rate of enzyme reactions, to ecological patterns in the Kaipatiki Reserve. Standards cover:

- A comparative study of the habitats and physiology of 3 different animals.
- A detailed look into cell processes involved in photosynthesis, respiration, enzymes reactions, passive and active transport and cell cycles.
- An Investigation into the way in which enzymes break down carbohydrates using data logging equipment.
- An ecological study of fern distribution in Kaipatiki Reserve.

Biology studied at Level 3 is an approved subject for University Entrance.

Contribution Requested: \$28 workbook is highly recommended

Prerequisites: 14 credits at Level 1 Science with a Merit in AS90948, or at HOD discretion.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91153	Carry out a practical investigation in a biology context, with supervision	2.1	4	2	Internal	N	Y	N	N
AS91157	Demonstrate understanding of genetic variation and change	2.5	4	2	External	Y	N	N	Y
AS91155	Demonstrate understanding of adaptation of plants or animals to their way of life	2.3	3	2	Internal	Y	N	N	N
AS91158	Investigate a pattern in an ecological community, with supervision	2.6	4	2	Internal	Y	N	N	N
AS91160	Investigate biological material at the microscopic level	2.8	3	2	Internal	N	N	N	N

BIOLOGY LEVEL 3

L3Biol

This course covers a broad range of biological topics ranging from the growing of hundreds of seedlings in various light, temperature and density levels, to a study of athletes in their race to avoid hypothermia and hyperthermia, to the modern techniques and ethics in creating transgenic organisms that have changed the way science views the future.

Standards cover:

- An investigation into the factors affecting the germination rate of seeds, such as oxygen levels, light levels, density and nutrient availability.
- Details of animal and plant behaviour, due to a wide range of stimuli (think BBC, David Attenborough)
- A study of how temperature is regulated in humans during the challenging Coast to Coast race.
- The way in which various genetic techniques are used in modern science and the opposing viewpoints about their use.

Biology studied at Level 3 is an approved subject for University Entrance.

Contribution Requested: \$35 workbook (Y13 BioZone E&I book) is highly recommended

Prerequisites: 14 credits at Level 2 Biology with AS91157 achieved at “Merit” level or at discretion of HOD.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue	3.2	3	2	Internal	Y	N	Y	Y
AS91603	Demonstrate understanding of the responses of plants and animals to their external environment	3.3	5	2	External	Y	N	Y	Y
AS91604	Demonstrate understanding of how an animal maintains a stable internal environment	3.4	3	2	Internal	Y	N	Y	N
AS91606	Demonstrate understanding of trends in human evolution	3.6	4	2	External	Y	N	Y	Y
AS91607	Demonstrate understanding of human manipulations of genetic transfer and its biological implications	3.7	3	2	Internal	Y	N	Y	N

CHEMISTRY LEVEL 2

L2Chem

Chemistry is the study of the structure of substances and the changes substances undergo when they react. The Level 2 course develops and expands on concepts introduced in Level 1 Science, as well as introducing new topics and techniques. Practical work is an integral part of the course and will be assessed in the three practical assessments.

Chemistry studied at Level 2 is an approved subject for University Entrance.

Contribution requested: \$35 (approximately) for workbook/laboratory manual and web-based tutorial

Prerequisites: 14 credits or better in Level 1 Science, including one external standard. Merits required if only internal standards were completed in Level 1.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
AS91161	Carry out quantitative analysis	2.1	4	2	Internal	N	Y	N	N
AS91162	Carry out procedures to identify ions present in solution	2.2	3	2	Internal	N	N	N	N
AS91164	Demonstrate understanding of bonding, structure, properties and energy changes	2.4	5	2	External	Y	N	N	N
AS91165	Demonstrate understanding of the properties of selected organic compounds	2.5	4	2	External	Y	N	N	N
AS91167	Demonstrate understanding of oxidation-reduction	2.7	3	2	Internal	N	N	N	N

CHEMISTRY LEVEL 3

L3Chem

In Level 3 Chemistry we attempt to explain the elements that make up our universe, also why they combine and have the properties that they have. Knowledge of Chemistry leads to a diverse range of careers including: medical sciences, engineering and environmental sciences. In this course you will study: redox reactions, electrochemical cells, atomic structure, thermochemistry and organic chemistry. Practical work is an integral part of the course.

Chemistry studied at Level 3 is an approved subject for University Entrance.

Contribution requested: \$35 (approximately) for workbook/laboratory manual and web-based tutorial

Prerequisites: 14 credits or better in Level 2 Chemistry including one external standard.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
AS91388	Demonstrate understanding of spectroscopic data in Chemistry	3.2	3	2	Internal	N	N	N	N
AS91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	3.4	5	2	External	Y	N	N	N
AS91391	Demonstrate understanding of the properties of organic compounds	3.5	5	2	External	Y	N	N	N
AS91387	Carry out an investigation in chemistry involving quantitative analysis	3.1	4	2	Internal	Y	N	N	Y
AS91393	Demonstrate understanding of oxidation – reduction processes	3.7	3	2	Internal	Y	N	N	N

Physics attempts to explain the effects of energy on different aspects of our lives. Each of the topics covered reminds us of how the types of energy change depending on what we are doing. The supply of energy limits the amount of work we can do to achieve a desired outcome. Through a series of experiments and sometimes the use of robots we show how some of the rules we live by are explained by the concepts of Physics. The following topics are covered:

- Experimental skills
- Mechanics: Energy, Vectors, Motion, Forces, Levers
- Waves and Light
- Radioactivity
- Electricity: Voltage, Current, Resistance, Meters, Motors and Electromagnetism, Electrostatics

These topics are designed to prepare for Level 3 Physics.

Physics studied at Level 3 is an approved subject for University Entrance.

Contribution requested: \$35 (approximately) for workbook/laboratory manual and web-based tutorial

Prerequisites: 14 credits or better in Level 1 Science with Merit in AS90941 or all achievement standards Achieved or better.

AS/US Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91168	Carry out a practical physics investigation that leads to a non-linear mathematical relationship	2.1	4	2	Internal	Y	Y	N	N
US18239	Demonstrate introductory knowledge of circuit concepts and measurement for electronics	-	5	7	Internal	N	N	N	N
AS91171	Demonstrate an understanding of mechanics	2.4	6	2	External	Y	Y	N	N
AS91172	Demonstrate an understanding of atomic and nuclear physics	2.5	3	2	Internal	Y	N	N	N
AS91173	Demonstrate an understanding of electricity and electromagnetism	2.6	6	2	External	Y	Y	N	N

PHYSICS LEVEL 3

L3Phys

The Level 3 course expands on the ideas taught in Level 2 with the addition of topics which further enhance our understanding of the motion of rotating objects and AC electricity. The following topics are covered:

- Experimental skills
- Mechanics: Energy, Rotational Motion, Torque and Periodic motion
- Waves and Light
- Modern Physics: we look at a model used to explain the energy transformations inside an atom and the Aurora Borealis
- Electricity: Multiloop circuits, Capacitors, Inductors, Tuned circuits and Alternating Current

Physics studied at Level 3 is an approved subject for University Entrance.

Contribution requested: \$35 (approximately) for workbook is highly recommended.

Prerequisites: 14 credits or more in Level 2 Physics with at least Achieved in AS91171 and AS91173 or at HOD discretion.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
AS91521	Carry out a practical investigation to test a physics theory relating to variables in a non-linear relationship	3.1	4	2	Internal	Y	N	N	N
AS91523	Demonstrate understanding of wave systems	3.3	4	2	External	Y	N	N	N
AS91524	Demonstrate understanding of mechanical systems	3.4	6	2	External	Y	N	N	N
AS91525	Demonstrate understanding of Modern Physics	3.5	3	2	Internal	Y	N	N	N
AS91526	Demonstrate understanding of electrical systems	3.6	6	2	External	Y	N	N	N

ELECTRO-SCIENCE LEVEL 2

L2ElecS

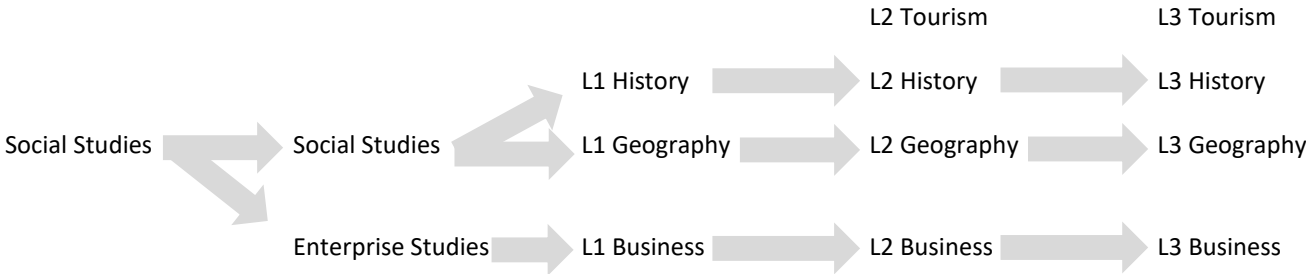
This course combines Biology with Electronics and microcontrollers as we create machines and robots that one day may allow us to dive into the microscopic world inside our bodies. Students will look at images under a microscope and then move to making machines, mechanical and electronic which they will control with computers.

Prerequisites: Greater than 14 credits in Level 1 Science, including Science AS 90941 (1.2) or by negotiation with HOD.

US Number	Title of Standard	Subject Reference	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
US29779	Create a computer-controlled project		3 (L2)	1	Internal	N	N	N	N
US18242	Construct a simple circuit		3(L2)	7	Internal	N	N	N	N
US18243	Construct a simple printed circuit		6(L2)	7	Internal	N	N	N	N
US18240	Demonstrate knowledge of basic electronic components		5(L2)	7	Internal	N	N	N	N

SOCIAL SCIENCES

Year 9 **Year 10** **Level 1** **Level 2** **Level 3**



History

This pathway provides students with knowledge and skills that are relevant for a wide range of occupations such as law, journalism, the media, politics, human resources, social research, social policy formation, social work, nursing, primary, secondary and tertiary teaching, medicine, personnel management, resource management, town planning, architecture and many other careers. Where possible, themes studied will be constructed collaboratively with students studying the course.

All enquiries to Mr Snookes.

HISTORY LEVEL 1

L1Hist

This course introduces the discipline of history and history skills. It explores how historians engage in finding out about the past. History explores how and why change has occurred in human societies over time. An appreciation of the past allows a more thorough understanding of the present and provides lifelong interest and pleasure. History teaches analytical skills applicable in a range of situations and occupations and research and communication skills transportable to most jobs.

Themes studied could include:

- Cause(s) and effect(s) of an event – co-constructed with students
- Use and interpretation of historical skills
- Different historical perspectives

Prerequisites: Satisfactory completion of Year 10 Social Studies.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91001	Carry out an investigation of an historical event, or place, of significance to New Zealanders	1.1	4	3	Internal	Y	N	N	N
AS91002	Demonstrate understanding of an historical event, or place, of significance to New Zealanders	1.2	4	3	Internal	Y	N	N	N
AS91003	Interpret sources of an historical event of significance to New Zealanders	1.3	4	3	External	Y	N	N	N
AS91004	Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders.	1.4	4	3	Internal	Y	N	N	N
AS91005	Describe the causes and consequences of an historical event	1.5	4	3	External	Y	N	N	N

HISTORY LEVEL 2

L2Hist

History helps us to recognise the distinctive forces which have shaped our society and determined our place within it while also making us aware of common links which we share with all humanity. History at Level 2 focuses on an understanding of major forces of communism and fascism that have shaped our world. Skills of analysis, synthesis, research and communication which are portable and fundamental to lifelong learning are further developed at this level.

Themes studied could include:

- Protest in the 20th Century
- Conflict in IndoChina
- Interpretation of perspectives in history

Prerequisites: 14 credits in Level 1 History or at the discretion of the HOD.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91229	Carry out an inquiry of an historical event or place that is of significance to New Zealanders	2.1	4	2	Internal	Y	N	Y	N
AS91230	Examine an historical event or place that is of significance to New Zealanders	2.2	5	2	Internal	Y	N	Y	N
AS91231	Examine sources of an historical event that is of significance to New Zealanders	2.3	4	2	External	Y	N	Y	Y
AS91232	Interpret different perspectives of people in an historical event that is of significance to New Zealanders	2.4	5	2	Internal	Y	N	Y	N
AS91233 OR AS91234	Examine causes and consequences of a significant historical event	2.5	5	2	External	Y	N	Y	Y
	Examine how a significant historical event affected New Zealand society	2.6	5	2	External	Y	N	Y	Y

Explanatory Note: Students will sit all of the internal achievement standards and AS 91231. They will be required to select one other external.

HISTORY LEVEL 3

L3Hist

History at Level 3 looks at the contestability of events in the past and the various interpretations of these events. Students evaluate primary and secondary data and the different views of historians. Skills of independent inquiry and research are also developed which are essential tertiary skills.

Themes studied include:

- A contested event of significance to New Zealanders
- Historical trends in History
- Cause(s) and effect(s) of an event

Prerequisites: 14 credits in Level 2 History or at the discretion of the HOD.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91434	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	3.1	5	2	Internal	Y	N	Y	N
AS91435	Analyse an historical event, or place, of significance to New Zealanders	3.2	5	2	Internal	Y	N	Y	N
AS91437	Analyse different perspectives of a contested event of significance to New Zealanders	3.4	5	2	Internal	Y	N	Y	N
AS91438 OR AS91439	Analyse the causes and consequences of a significant historical event	3.5	6	2	External	Y	N	Y	Y
	Analyse a significant historical trend and the force(s) that influenced it	3.6	6	2	External	Y	N	Y	Y

Explanatory Note: Students will sit all three internals and select one of the externals.

Geography

Geography aims to develop a range of practical and analytical skills through the study of the world around us. We focus on both the physical and human environments around us as well as the interaction between the two. Through our courses, students should have a better understanding of the processes which create their surroundings and how important it is that we have this understanding to secure a sustainable future.

All enquiries to Mr Tod.

GEOGRAPHY LEVEL 1

L1Geog

Over the year students are introduced to physical and cultural geography. The idea of the wise use of renewable and non-renewable resources is also explored. Students in Level 1 Geography will look at topics such as the causes and effects of an extreme natural event such as a cyclone. Core geographic skills – mapping and exploring geographic ideas – are also covered. Students will carry out directed geographic research, examine current geographic issues and look at global patterns.

This course includes a strongly recommended field trip to Rotorua. This trip is a two-night trip that directly links to assessments within the Geography course.

Geography studied at Level 3 is an approved subject for University Entrance.

Contribution Requested: Possible field trip to Rotorua.

Prerequisites: By recommendation of Year 10 Social Studies teacher

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91007	Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s).	1.1	4	3	External	Y	N	N	N
AS91009	Demonstrate geographic understanding of the sustainable use of an environment	1.3	3	3	Internal	Y	N	N	N
AS91010	Apply concepts and basic geographic skills to demonstrate understanding of a given environment	1.4	4	2	External	N	Y	N	N
AS91011	Conduct geographic research, with direction	1.5	4	3	Internal	Y	Y	N	N
AS91012	Describe aspects of a contemporary New Zealand geographic issue	1.6	3	3	Internal	Y	N	N	N
AS91013	Describe aspects of a geographic topic at global scale	1.7	3	2	Internal	Y	N	N	N

GEOGRAPHY LEVEL 2

L2Geog

This course develops geographic skills through the study of a natural environment (Tongariro Volcanic Centre) and patterns in an urban area (Auckland). Students will carry out guided geographic research, examine contemporary geographic issues and complete global studies. This course includes a strongly recommended field trip to Tongariro National Park. Geography studied at Level 3 is an approved subject for University Entrance.

Prerequisites: 10 credits passed in Year 11 in either Geography, English or History (10 credits must all be achieved in the one subject)

Contribution Requested: Field trip to Tongariro National Park.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91240	Demonstrate geographic understanding of a large natural environment	2.1	4	2	External	Y	N	Y	Y
AS91243	Apply geography concepts and skills to demonstrate understanding of a given environment	2.4	4	2	External	Y	N	N	N
AS91244	Conduct geographic research with guidance	2.5	5	3	Internal	Y	Y	N	N
AS91245	Examine aspects of a contemporary New Zealand geographic issue	2.6	3	3	Internal	Y	N	N	N
AS91246	Explain aspects of a geographic topic at a global scale	2.7	3	3	Internal	Y	N	N	N

GEOGRAPHY LEVEL 3

L3Geog

This course develops geographic skills through the study of natural processes which create a natural environment (Omaha Coastal Environment). Students will carry out guided geographic research, examine contemporary global geographic issues and also geographic issues affecting the Auckland area. This course includes a field trip to the Omaha Coastal Environment. Geography studied at Level 3 is an approved subject for University Entrance.

Prerequisites: 10 credits passed in Year 12 in either English or History (10 credits must all be achieved in the one subject)

Contribution Requested: Field trip to Omaha

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91426	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	3.1	4	2	External	Y	N	Y	Y
AS91428	Analyse a significant contemporary event from a geographic perspective	3.3	3	2	Internal	Y	N	Y	N
AS91430	Conduct geographic research with consultation	3.5	5	2	Internal	Y	Y	N	N
AS91431	Analyse aspects of a contemporary geographic issue	3.6	3	2	Internal	Y	N	Y	N
AS91432	Analyse aspects of a geographic topic at a global scale	3.7	3	2	Internal	Y	N	Y	N

Tourism

Tourism Studies introduces various aspects of the tourism industry to students.

In the Level 2 programme students build knowledge of the tourism industry in New Zealand and develop some basic numeracy, literacy and research skills as they relate to the tourism. Students will also build knowledge of tourist attractions in New Zealand and overseas.

In the Level 3 programme students carry out in-depth research of New Zealand, Australia and several Pacific Islands as tourist destinations.

Enquiries to Mr Tod.

TOURISM LEVEL 2

L2Tour

Prerequisites: Satisfactory completion of a Level 1 Literacy based subject.

US Number	Title of Standard	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US24728	Demonstrate knowledge of work roles in tourism	3	2	Internal	N	N	N	N
US24729	Demonstrate knowledge of world tourist destinations	4	3	Internal	N	N	N	N
US24730	Demonstrate knowledge of the business of tourism	4	2	Internal	N	N	N	N
US24731	Demonstrate knowledge of destination New Zealand	4	4	Internal	N	N	N	N
US24732	Demonstrate knowledge of tourist characteristics and needs	3	2	Internal	N	N	N	N
US23761	Read and comprehend work-related documents in English for a tourism workplace	3	2	Internal	N	N	N	N
US23767	Demonstrate knowledge of and use the Internet in a tourism workplace	2	2	Internal	N	N	N	N
US18237	Perform calculations for a tourism workplace	3	3	Internal	N	N	N	N

TOURISM LEVEL 3

L3Tour

Prerequisites: Satisfactory completion of a Level 1 Literacy based subject.

US Number	Title of Standard	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US18211	Demonstrate knowledge of Australia as a tourist destination	5	5	Internal	N	N	N	N
US18212	Demonstrate knowledge of New Zealand as a tourist destination	8	3	Internal	N	N	N	N
US3727	Demonstrate knowledge of Pacific Island countries as tourist destinations	5	9	Internal	N	N	N	N
US24733*	Describe and promote a New Zealand tourist destination	5	2	Internal	N	N	N	N

Explanatory Note: *Standards available if required by students

Business Studies

The 2020 Business Studies programme is designed to help students from two perspectives. Firstly, the aim is to impart knowledge that students will be able to apply in both their personal lives and also in a business context. Examples include understanding factors which impact on the economic success of New Zealand, budgeting and financial awareness skills, marketing skills and writing an effective business plan. Secondly, the Business Studies programme enables students to develop some essential life skills around communication, leadership and team-work. In the main, these skills are developed through participation in a group business activity which simulates how businesses work in the real business world. As part of the business activities, Year 13 students are assigned a successful business person who acts as a mentor to their group and provides feedback on effective business plan writing and also presentation skills.

Some courses are a blend of achievement standards across Business Studies and Economics. Also on offer is the chance for students to complete some unit standards (broadly based on personal financial awareness and planning).

Enquiries to Ms Zhu/Mr Snookes.

BUSINESS STUDIES LEVEL 1

L1BusS

A hybrid course comprising achievement standards from Business Studies and Economics. The course combines practical unit standards with more theoretical achievement standards. As part of the Business activity, students will develop a detailed working knowledge of key ideas in Finance, Marketing, Operations and Human Resources.

There are no prerequisites on the course, but the ability to work in a team would be advantageous, along with basic numeracy and literacy skills.

Contribution requested: \$30 for commercial workbook

Prerequisites: Satisfactory completion of Year 10 Enterprise and/or Year 10 Social Studies.

AS/US Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS90842	Carry out and review a product-based business activity within a classroom context with direction	1.6 BusS	6	2	Internal	Y	N	N	N
AS90983	Demonstrate understanding of consumer choices, using scarcity and/or demand	1.1 Eco	4	3	External	Y	N	N	N
AS90840	Apply the marketing mix to a new or existing product	1.4 Bus	3	3	Internal	Y	N	N	N
US24709	Produce a balanced budget to manage personal finances		3	4	Internal	N	N	N	N
US28089	Demonstrate understanding of personal financial goal setting		3	3	Internal	N	N	N	N

BUSINESS STUDIES LEVEL 2

L2BusS

The Business Studies course in Level 2 provides students with the chance to write a business plan and to make, market and sell products in groups outside of the school environment. A key feature of the Business activity is for students to reflect on individual and team effectiveness and to get the chance to incorporate changes in a second cycle of the Business activity. The course includes a visit to a large NZ business. Other parts of the course explore motivation in the workplace using outside speakers to provide case studies which are then compared with different motivational theorists. Students also learn about internal factors which contribute to the effectiveness of NZ businesses, including effective leadership, corporate social responsibility and financial information.

Ideally students should have completed Level 1 Business Studies before choosing Level 2 Business Studies. This prerequisite is flexible, as long as students are showing good levels of drive and motivation for the course, along with basic numeracy and literacy skills.

Contribution requested: \$30 for commercial workbook

Prerequisites: 14 credits at Level 1 Business Studies or TIC Business approval.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS90843	Demonstrate understanding of the internal operations of a large business	2.1	4	2	External	Y	N	N	N
AS90846	Conduct market research for a new or existing product	2.4	3	2	Internal	Y	N	N	N
AS90847	Investigate the application of motivation theory in a business	2.5	3	2	Internal	Y	N	N	N
AS90848	Carry out, review and refine a business activity within a community context with guidance	2.6	9	2	Internal	Y	N	N	N

BUSINESS STUDIES LEVEL 3

L3BusS

The course focuses on Business Studies achievement standards partly designed to enable students to use the course as part of University Entrance (14 credits from this approved subject). The course explores issues relevant to the successful running of a business (change management, quality and innovation). The course incorporates a visit to a large NZ business and also draws on outside speakers to provide first-hand insights. Students work closely with outside mentors who provide direction on aspects of their business activities and students also participate in a Dragon's Den event in which they present their business ideas to potential outside investors.

Ideally students should have completed Level 2 Business Studies to participate in the programme. This prerequisite is flexible. Students who are showing good levels of drive and motivation for the course, along with basic numeracy and literacy skills, will be given an opportunity to select this course.

Glenfield College works closely with the Young Enterprise Scheme (YES) which provides a proven and successful framework within which the business activity is undertaken.

Contribution requested: \$30 for commercial workbook.

Prerequisites: 14 credits at Level 2 Business Studies, with achieved in the external OR TIC Business approval.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91379	Demonstrate understanding of how internal factors interact within a business that operates in a global context	3.1	4	2	External	Y	N	Y	Y
AS91382	Develop a marketing plan for a new or existing product	3.4	6	2	Internal	Y	N	Y	N
AS91384	Carry out, with consultation, an innovative and sustainable business activity.	3.6	9	2	Internal	Y	N	Y	N

TECHNOLOGY

**Kaua e rangiruatia te hāpai o te hoe;
e kore tō tātou waka e ū ki uta.**

Don't paddle out of unison;
our canoe will never reach the shore.

Technology is intervention by design: the use of practical and intellectual resources to develop products and systems (technological outcomes) that expand human possibilities by addressing needs and realising opportunities. Adaptation and innovation are at the heart of technological practice. Quality outcomes result from thinking and practices that are informed, critical and creative.

Technology makes enterprising use of its own particular knowledge and skills, together with those of other disciplines. Graphical, both 2D and 3D and other forms of visual representation offer important tools for exploration and communication.

Technology is never static. It is influenced by and in turn impacts on the cultural, ethical, environmental, political, and economic conditions of the day.

Why study technology?

The aim is for students to develop a broad technological literacy that will equip them to participate in society as informed citizens and give them access to technology-related careers. They learn practical skills as they develop models, products, and systems with new technologies such as 3D printers. They also learn about technology as a field of human activity, experiencing and/or exploring historical and contemporary examples of technology from a variety of contexts.

Technology is associated with the transformation of energy, information, and materials. Technological areas include materials, textiles, engineering, design and visual communication, information technology and computing. Relevant contexts can be as varied as web design, food products, boat building, automotive engineering, costumes, product design, architecture, signage and taonga.

Within the learning area there is also a focus on industry-based training which includes automotive engineering, boat building, building construction and hospitality and service industry. We are passionate about preparing our students for the rapidly growing opportunities available in New Zealand.

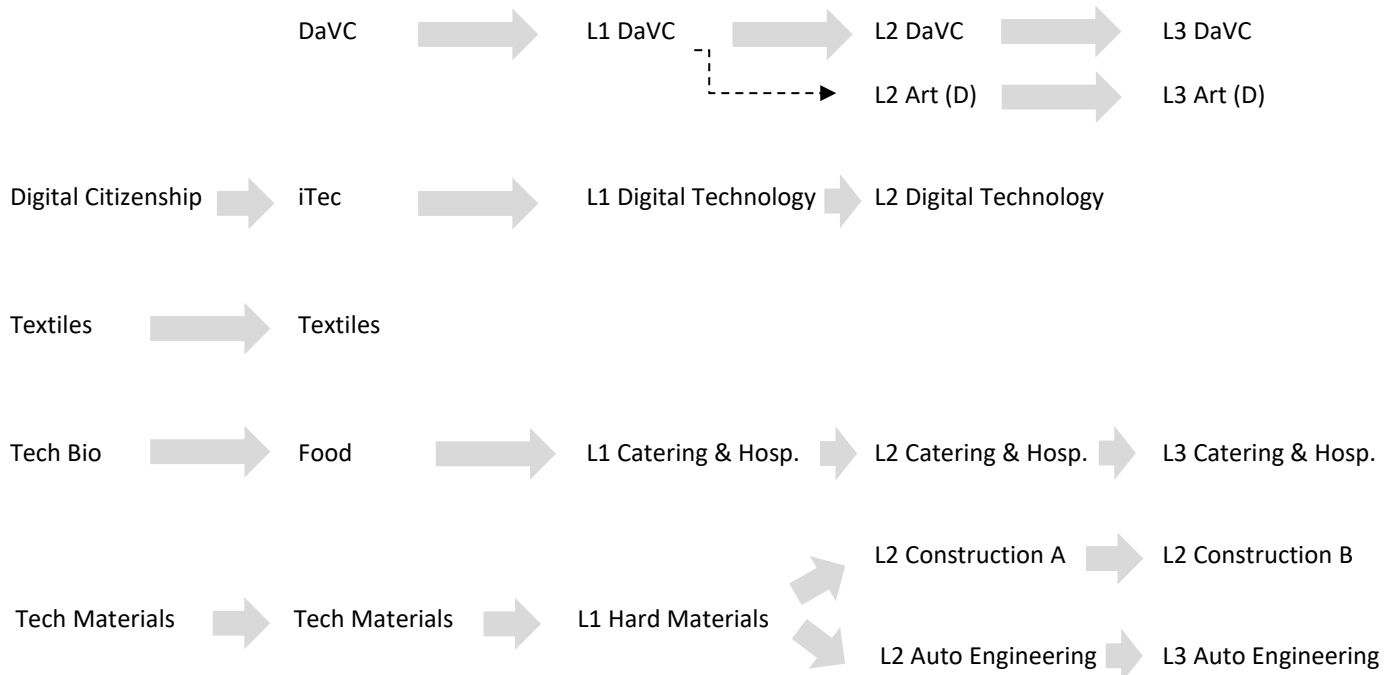
How is the learning area structured?

In Levels 1 to 3, students work with more specialisation. This requires them to continue to draw fully on learning from other disciplines. For example, students working with materials technology will need to refer to chemistry, students working on an architectural project will find that an understanding of art history is invaluable and students working in food and nutrition relates directly to the health curriculum.

Learning for senior students opens up pathways that can lead to technology-related careers. Students may access the workplace learning opportunities available in a range of industries or move on to further specialised tertiary study.

All enquiries to Ms Ferguson, HOD Technology.

Year 9	Year 10	Level 1	Level 2	Level 3
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DIGITAL TECHNOLOGIES LEVEL 1

L1iTec

A full year's course in digital technologies. You will plan, design, create and upload a fully functional website using HTML, Notepad++ and Cascading Style Sheets. We will then explore computer programming and you will code an algorithm to meet a specific task. There will be an opportunity to investigate computer hardware and gain experience of each component part and the inter-relationships between them.

Computer skills are an essential skill, both in employment and further education. This course will lead to Level 2 Digital Technology.

Prerequisites: Satisfactory completion of Year 10 iTec.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91877	Develop a proposal for a digital outcome	1.1	3	1	Internal	Y	N	N	N
AS91878	Develop a design for a digital outcome	1.2	3	1	Internal	Y	N	N	N
AS91879	Develop a digital outcome to manage data**	1.3	4	1	Internal	Y	N	N	N
AS91880	Develop a digital media outcome	1.4	4	1	Internal	Y	N	N	N
AS91882	Develop a computer system	1.6	4	1	Internal	N	N	N	N
AS91883	Develop a computer programme	1.7	4	1	Internal	N	N	N	N

**This standard is additional, depending on individual needs and time available

DIGITAL TECHNOLOGIES LEVEL 2

L2Comp

A full year's course in digital technologies. We will be further exploring our knowledge of HTML coding and using a web authoring tool to create a website. We will explore database design and usage in the work place. You will have the opportunity to use a dedicated workspace to take apart and rebuild computer components and explore networking topologies.

Computer skills are essential, both in employment and further education. This qualification will lead into Level 3 Digital Technology which may be offered in 2021.

Prerequisites: Must have achieved at least 14 credits at Level 1 Digital Technology or HOD approval.

AS/US Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US5940	Produce a presentation using a desktop presentation computer application		3	10	Internal	N	N	N	N
US2784	Create and use a computer spreadsheet to solve a problem		3	8	Internal	N	N	N	N
US29775	Use the main features and functions of a web authoring and design tool to create a website		3	1	Internal	N	N	N	N
US29782	Demonstrate knowledge of computing hardware, software and terminology to select digital tools for specified purposes		5	1	Internal	N	N	N	N
AS91892	Use advanced techniques to develop a database	2.3	4	1	Internal	N	N	N	N

DESIGN AND VISUAL COMMUNICATION LEVEL 1

L1DaVC

In Level 1 Design and Visual Communication, students will create a portfolio of work that utilises a range of skills used by real life designers. Students will use design sketching, rendering, computer modelling and technical drawing to complete a design for a fragrance or water bottle. This course equips students with the necessary skills to succeed in Level 2 and 3 Design and Visual Communication. A student who experiences success at Level 1 Design and Visual Communication could choose Level 2 Art and follow the Design pathway.

Contribution requested: \$20 for course materials.

Prerequisites: Satisfactory completion of Year 10 DaVC or by negotiation with the HOD.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91063	Produce freehand sketches that communicate design ideas	1.30	3	5	External	N	N	N	N
AS91069	Promote an organised body of design work to an audience using visual communication techniques	1.36	4	5	Internal	Y	N	N	N
AS91066	Use rendering techniques to communicate the form of design ideas	1.33	3	4	Internal	N	N	N	N
AS91067	Use the work of an influential designer to inform design ideas	1.34	3	5	Internal	N	N	N	N
AS91068	Undertake development of design ideas through graphics practice	1.35	6	5	Internal	N	N	N	N

DESIGN AND VISUAL COMMUNICATION LEVEL 2

L2DaVC

In Level 2 Design and Visual Communication, students will produce two design portfolios for a spatial and product design. Students will build upon skills learnt in Level 1 and apply this to an original design for a sports pavilion and a product design of their choosing. By the end of the year, students will have developed their own personal design approach to produce polished outcomes and final presentations using a range of media from design sketching to CAD modelling.

Contribution requested: \$20 for course materials and \$20 for printing.

Prerequisites: 14 credits or more at Achieved or higher in Level 1 Design and Visual Communication or by negotiation with the HOD.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91340	Use the characteristics of a design movement or era to inform own design ideas	2.33	3	4	Internal	Y	N	N	N
AS91342	Develop a product design through graphics practice	2.35	6	4	Internal	N	N	N	N
AS91341	Develop a spatial design through graphics practice	2.34	6	4	Internal	Y	N	N	N
AS91337	Use visual communication techniques to generate design ideas	2.30	3	3	External	N	N	N	N
AS91343	Use visual communication techniques to compose a presentation of a design	2.36	4	4	Internal	N	N	N	N

DESIGN AND VISUAL COMMUNICATION LEVEL 3

L3DaVC

In Level 3 Design and Visual Communication, students create their own design brief for a spatial design of their choosing. Students will utilise skills obtained throughout their time in Design and Visual Communication to develop their own personal approach to designing. Students are encouraged to work to their strengths to produce a sophisticated outcome for a real-life context.

Level 3 Design and Visual Communication is modelled after first year tertiary study in Architectural and Spatial Design, as well as other design-related courses such as Graphic and Interior Design. The work completed in this course will provide evidence for design portfolios required or most university applications in a design field.

Contribution requested: \$35 for course materials plus additional costs, if required, for presentations.

Prerequisites: 14 credits or more at Achieved in Level 2 Design and Visual Communication with at least Merit in AS91341 and AS91337.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91629 OR	Resolve a spatial design through graphics practice	3.32	6	3	Internal	N	N	N	N
AS91630	Resolve a product design through graphics practice	3.33	6	3	Internal	N	N	N	N
AS91628	Develop a visual presentation that exhibits a design outcome to an audience	3.31	6	3	Internal	N	N	N	N
AS91608	Undertake brief development to address an issue within a determined context	3.1 (Gen Tech)	4	3	Internal	Y	N	N	N
AS91627	Initiate design ideas through exploration	3.30	4	3	External	N	N	N	N

CATERING AND HOSPITALITY LEVEL 1

L1CHos

The main emphasis of this course is practical life skills. The topics covered are part of the certificate of achievement programmes offered by Service IQ. The course provides the basic skills and knowledge required in the food industry. This course covers the topics of food safety, meal planning and students apply this knowledge in food preparation, cooking and serving of food.

Level 1 Catering and Hospitality can lead to Level 2 Catering and Hospitality.

Contribution Requested: \$100 covers the cost of practical ingredients.

Prerequisites: A good result in Year 10 Food Technology or by negotiation with HOD.

US Number	Title of Standard	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US21058	Identify career pathways in the hospitality industry	2	5	Internal	N	N	N	N
US19770	Prepare and present egg and cheese dishes in the hospitality industry	3	4	Internal	N	N	N	N
US15900	Prepare and present meat in the hospitality industry	4	5	Internal	N	N	N	N
US15901	Prepare and present fruit and vegetables in the hospitality industry	3	5	Internal	N	N	N	N
US21059	Demonstrate knowledge of knife care, use, storage, and carrying for the hospitality industry	2	4	Internal	N	N	N	N
US19769	Provide food service to the table in the hospitality industry	3	4	Internal	N	N	N	N
US15921	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	3	5	Internal	N	N	N	N
US15919	Prepare and present hot finger food in the hospitality industry	2	5	Internal	N	N	N	N

Explanatory Notes: The standards offered in this course may be altered at the discretion of the HOD.

CATERING AND HOSPITALITY LEVEL 2

L2CHos

Level 2 Catering and Hospitality provides the skills and knowledge required in the food industry. With topic emphasis on practical skills with food, students will gain skills to work in a kitchen and to be able to make necessary decisions when planning, preparing, cooking and presenting food. The course covers the topics: food safety US167, knife skills, salad preparation and presentation, grilling, roasting, frying and fruit and vegetable preparation.

This course leads to Level 3 Catering and Hospitality.

Contribution requested: \$120 covers the cost of practical ingredients.

Prerequisites: At least 14 credits in Level 1 Catering and Hospitality or by negotiation with HOD.

US Number	Title of Standard	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
US167	Practice safe food methods in a food business	4	8	Internal	N	N	N	N
US13285	Handle and maintain knives in a commercial kitchen	2	5	Internal	N	N	N	N
US13276	Cook foods by grilling	2	5	Internal	N	N	N	N
US13283	Prepare and present salads for service	2	5	Internal	N	N	N	N
US14436	Provide table service in a commercial hospitality environment	4	7	Internal	N	N	N	N
US13271	Cook food by frying	2	5	Internal	N	N	N	N
US13278	Cook food by roasting	2	5	Internal	N	N	N	N
US13280	Prepare fruit and vegetable cuts	2	5	Internal	N	N	N	N
US13281	Prepare and present basic sandwiches for service	2	6	Internal	N	N	N	N
US20666	Demonstrate basic knowledge of contamination hazards and control methods used in a food business	2	6	Internal	N	N	N	N

CATERING AND HOSPITALITY LEVEL 3

L3CHos

Level 3 Catering and Hospitality provides the skills and knowledge required in the food industry. The unit standards are provided by Service IQ. With emphasis on practical skills with food, students will gain skills to work in a kitchen and to be able to make necessary decisions when planning and preparing food. Cooking and presenting food must be cooked to order for guests in the restaurant. Topics could include: food safety US168, healthy eating, and culinary terms. Practical skills are showcased at events requiring catering at Glenfield College

Contribution Requested: \$140 covers the cost of practical ingredients.

Prerequisites: Students must have achieved US167 and at least 10 others credits from Level 2 Catering and Hospitality or by negotiation with HOD. **Students taking L3CHos who have not taken L2CHos must complete US167 in Feb 2020.**

US Number	Title of Standard	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
US168	Demonstrate knowledge of food contamination hazards, and control methods used in a food business	4	7	Internal	N	N	N	N
US13343	Demonstrate knowledge of nutrition in commercial catering	5	6	Internal	N	N	N	N
US13331	Prepare and cook pickles, chutneys, and preserves in a commercial kitchen	4	5	Internal	N	N	N	N
US18497	Demonstrate knowledge of culinary products, terms and food preparation methods	8	7	Internal	N	N	N	N

TECHNOLOGY HARD MATERIALS LEVEL 1

1TecM

This course is designed to provide students with a well-balanced, practical, full year's course covering workshop processes, techniques and tools; workshop and workplace Health and Safety in both wood and metal. The course leads to Automotive and Level 2 and Construction at Level 2.

Within the learning area there is a focus on industry-based training which leads to tertiary courses and possibly apprenticeships.
BCATS = Building, Construction and Allied Trades Skills

Contribution requested: \$60 for course materials (there may be additional charges for individual projects).

Prerequisites: Satisfactory completion of Year 10 Technology Materials (10TecM).

US Number	Title of Standard	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US24352	Demonstrate knowledge of and apply safe working practices in the construction of a BCATS* project	2	2	Internal	N	N	N	N
US24356	Apply elementary workshop procedures and processes for BCATS* projects	8	2	Internal	N	N	N	N
US22926	Demonstrate knowledge of safety procedures in a specific engineering workshop	2	3	Internal	N	N	N	N
US22923	Demonstrate basic engineering workshop skills under close supervision	12	3	Internal	N	N	N	N

TECHNOLOGY CONSTRUCTION LEVEL 2 (Year 12)

L2ConA

This is a full year's course covering BCATS* construction. This course is Unit Standards based and covers safe working practices, including the correct use of hand tools and portable electric tools. Students will learn to read plans and building specifications from working drawings provided for BCATS* projects. Within this learning area there is a focus on industry-based training which leads to cabinetmaking, construction and boat building. The course leads to Level 2 (Year 13) Construction B (L2ConB).

Contribution requested: \$60 for course materials (there may be additional charges for individual projects).

Prerequisites: 14 credits at Level 1 Technology Wood.

US Number	Title of Standard	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US24354	Demonstrate knowledge of and apply safe working practices in a BCATS* environment	4	2	Internal	N	N	N	N
US12927	Identify, select, maintain, and use hand tools for BCATS* projects	6	4	Internal	N	N	N	N
US24350	Identify, select, maintain, and use portable power tools for BCATS* projects	6	2	Internal	N	N	N	N
US22607	Read and interpret plans, working drawings and specifications for BCATS* projects	3	3	Internal	N	N	N	N
US18158 **	Select, use and care for hand tools used in the marine or composite industry	5	4	Internal	N	N	N	N

Explanatory Notes: **Additional standard available for students who require this

TECHNOLOGY CONSTRUCTION LEVEL 2 (Year 13)

L2ConB

This is a full year's course covering BCATS* construction. It is a Unit Standards based course which covers safe working practices, including demonstrating knowledge and use of fixed machining. Students will learn about different types of timber and the best use of each, as well as the creation and use of templates for the building industry. They will be guided in planning and monitoring the progress of their own construction project. Within the learning area, there is a focus on industry-based training which leads to cabinetmaking, construction and boat building

Contribution requested: \$60 for course materials (there may be additional charges for individual projects).

Prerequisites: 14 credits at Level 2 Technology Construction A.

US Number	Title of Standard	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
US24351	Demonstrate knowledge of and use specified fixed machinery in the construction of BCATS* projects	6 (L2)	2	Internal	N	N	N	N
US24357	Receive instructions and communicate information in relation to BCATS* projects	4 (L2)	2	Internal	N	N	N	N
US24360	Demonstrate knowledge of timber and other construction materials used in BCATS* projects	5 (L2)	2	Internal	N	N	N	N
US25117	Demonstrate knowledge of timber used in boatbuilding	4 (L3)	1	Internal	N	N	N	N
US18163 **	Demonstrate knowledge of marine or composite construction drawings and produce a related freehand sketch	2 (L3)	4	Internal	N	N	N	N
US24358	Plan and monitor the construction of a BCATS project and quality check the product	3(L2)	2	Internal	N	N	N	N

Explanatory Notes: **Additional standard for students who require this

TECHNOLOGY AUTOMOTIVE ENGINEERING LEVEL 2

L2Auto

This course offers Unit Standards for Automotive Engineering. Automotive Unit Standards can be used as a pre-requisite for a variety of UNITEC Automotive courses from apprenticeship through to degree level. Unit Standards offered include the identification/recognition of vehicle components, the study of petrol, diesel, two and four stroke engines, vehicle braking, transmission, steering and suspension systems. Some Units Standards require a skill to be mastered and students are given the opportunity to use hand tools and automotive equipment in an automotive workshop environment. This course leads to Level 3 Automotive and a wide range of areas in the Automotive and Engineering industries.

Contribution requested: \$60 for course materials (there may be additional charges for individual projects).

Prerequisites: At least 14 credits in Level 1 Technology Engineering.

US Number	Title of Standard	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
US16113	Demonstrate knowledge of safe working practices in an automotive workshop	2	7	Internal	N	N	N	N
US229	Identify the general locations and functions of motor vehicle systems and main components	4	10	Internal	N	N	N	N
US231	Explain the operation of two and four stroke petrol and diesel engines	4	11	Internal	N	N	N	N
US21869	Remove and replace road wheels on a vehicle	1	4	Internal	N	N	N	N
US21722	Balance wheels off a vehicle in the motor industry	2	1	Internal	N	N	N	N
US21671	Carry out general engineering tasks in the motor industry	4	2	Internal	N	N	N	N

TECHNOLOGY AUTOMOTIVE ENGINEERING LEVEL 3

L3Auto

This course offers Automotive Engineering Unit Standards that can be used as a pre-requisite for a variety of UNITEC Automotive courses from apprenticeship through to degree level. Unit Standards offered include the study of automotive cooling systems, final drives, manual transmissions and automatic transmission servicing requirements. Units Standards require a skill to be mastered and students are given the opportunity to use hand tools and automotive equipment in an automotive workshop environment. This course leads to a wide range of areas in the Automotive and Engineering Industries.

Contribution requested: \$60 for course materials (there may be additional charges for individual projects).

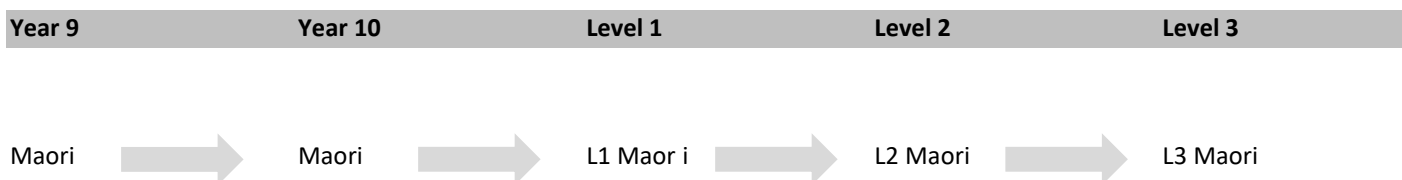
Prerequisites: Satisfactory completion of Level 2 Automotive Engineering.

US Number	Title of Standard	Credits	Version	Internal/External	L1 Lit	L1 Num	UE Read	UE Writ
US24269	Demonstrate knowledge of cooling system operation, and factors that affect system efficiency on vehicles or machines	4	2	Internal	N	N	N	N
US920	Describe the construction and operation of manual and semi-automatic transmissions used on light vehicles	4	4	Internal	N	N	N	N
US29373	Demonstrate knowledge of automotive automatic transmissions	2	2	Internal	N	N	N	N
US918	Demonstrate knowledge of light vehicle final drive assembly operation	4	5	Internal	N	N	N	N
US21680	Demonstrate knowledge of automotive lubricants & sealants	3	4					

LANGUAGES

Te Reo Maori

The advantages of having achieved some proficiency in Te Reo Maori are apparent in terms of career, education in life-skills and appreciation of our indigenous culture. The study of Maori Language offers many areas for graduates to pursue careers in, such as teaching, research, archives, property, administration, policy advice, television, radio, acting, health work and social work. Knowledge of Maori is increasingly expected and required of those seeking to study in many graduate courses at University.



MAORI LEVEL 1

L1Maor

The Level 1 course aims to improve students' ability in both written and spoken Maori. The basic grammatical structures of Year 10 are built on, in order to allow students to gain greater fluency in their speech and writing. By the end of this course students are able to converse with Te Reo Maori speakers in familiar social situations and cope with some less familiar ones. They can use basic Maori language spontaneously. They show a willingness to experiment with new language and to read independently. They can write short passages, personal letters and simple formal letters in Te Reo Maori. Students are increasingly confident in using a range of strategies for learning Te Reo Maori and for communicating with others in predominantly Maori social settings. Level 1 Maori is a requirement for entry into Level 2 Maori.

Contribution requested: \$30 for Language Perfect subscription.

Prerequisites: Students must have completed a full year's study of Maori at Year 10 level, or by negotiation with HOD Māori.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91086	Korero kia whakamahi i te reo o tona ao	1.2	6	3	Internal	Y	N	N	N
AS91087	Panui kia mohio ki te reo o tona ao	1.3	6	2	External	Y	N	N	N
AS91088	Tuhi i te reo o tona ao	1.4	6	2	External	Y	N	N	N
AS91089	Waihanga tuhinga i te reo o tona ao	1.5	6	3	Internal	Y	N	N	N

MAORI LEVEL 2

L2Maor

The Level 2 course follows through with a full year of Te Reo Maori language development in listening, speaking, reading and writing, essentially the basic building blocks of the language. Students can take part in general conversation with speakers of Te Reo Maori, understand most of what is said and contribute relevant comments. They can explain and discuss many of their own ideas and use Te Reo Maori creatively. They can distinguish between facts and opinions, recognise intentions to persuade and influence, and effectively communicate about future plans. Students can use a range of strategies to help them learn Te Reo Maori effectively and demonstrate a high level of fluency for a learner of Te Reo Maori as a second language.

Contribution requested: \$30 for Language Perfect subscription.

Prerequisites: Students must have completed a full year's study of Maori at Level 1, or by negotiation with HOD Maori.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91285	Korero kia whakamahi i te reo o te ao torotoro	2.2	6	3	Internal	Y	N	N	N
AS91286	Panui kia mohio ki te reo o te ao torotoro	2.3	6	2	External	Y	N	Y	N
AS91287	Tuhi i te reo o te ao torotoro	2.4	6	2	External	Y	N	N	Y
AS91288	Waihanga tuhinga auaha, i te reo o te ao torotoro	2.5	6	3	Internal	Y	N	N	Y

This subject encourages students of Maori to have pride in their heritage and encourages all students to share in this heritage. Students will be expected to use language two years in advance of that used for NCEA Level 1. Students will derive enjoyment and satisfaction from the development and competence in oral and written Maori, the cultivation of Wairua Maori by developing an understanding of, and sensitivity towards, and respect for Te Ao Maori and tikanga Maori (with emphasis on local tikanga). They can explain and discuss many of their own ideas and use Te Reo Maori creatively. They can distinguish between facts and opinions, recognise intentions to persuade and influence, and effectively communicate about future plans. Students can use a range of strategies to help them learn Te Reo Maori effectively and demonstrate a high level of fluency for a learner of Te Reo Maori as a second language.

Contribution requested: \$30 for Language Perfect subscription

Prerequisites: 14 credits at Level 2 Maori or by negotiation with HOD Maori.

AS Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91651	Korero kia whakamahi i te reo Maori o te ao whanui	3.2	6	2	Internal	Y	N	N	N
AS91652	Panui kia mohio ki te reo Maori o te ao whanui	3.3	6	2	External	Y	N	Y	N
AS91653	Tuhi i te reo Maori o te ao whanui	3.4	6	2	External	Y	N	N	Y
AS91654	Waihanga tuhinga whai take i te reo Maori o te ao whanui	3.5	6	2	Internal	Y	N	N	Y

EMPLOYMENT PATHWAYS

These courses aim to prepare students for the transition from school to the world of work. Students will cover a range of career-related and life skills including: developing a careers plan, CV writing, dealing with people in the work place and interview skills.

Students at Level 2 and 3 will be encouraged to participate in the Gateway work experience programme and also participate in STAR short courses to further investigate possible Vocational Pathways for the future.

All enquiries to Mr Tod, TIC Careers

Year 9

Year 10

Level 1

Level 2

Level 3

L2 Employment Pathways

L3 Employment Pathways

EMPLOYMENT PATHWAYS LEVEL 2

L2Path

Course Description

This course develops knowledge and skills for making the transition beyond school. The Unit Standards cover a broad range of personal, social and work related skills (such as goal setting, decision making, career choices, independent living, personal well-being, job search skills and being interviewed).

US Number	Title of Standard	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US10781	Produce a plan for own future directions	3	6	Internal	N	N	N	N
US4253	Demonstrate knowledge of job search skills	3	7	Internal	N	N	N	N
US4252	Produce a personal targeted CV (curriculum vitae)	2	7	Internal	N	N	N	N
US1294	Be interviewed in a formal situation	2	6	Internal	N	N	N	N
US7118	Manage own learning programme	3	6	Internal	N	N	N	N
US12383	Explore career options and their implications	3	8	Internal	N	N	N	N
US1734*	Demonstrate knowledge of stress, health & fatigue for driving	3	7	Internal	N	N	N	N
US12354*	Describe legal implications of living in rented accommodation and means to prevent or resolve related problems	4	5	Internal	N	N	N	N
US7123*	Apply a problem-solving method to a problem	2	7	Internal	N	N	N	N
US4261*	Describe legal rights & obligations in relation to registering & operating a private motor vehicle	3	5	Internal	N	N	N	N

Explanatory Notes: *Additional standards if required by students

EMPLOYMENT PATHWAYS LEVEL 3

L3Path

Course Description:

This programme aims to help students move from school into training and/or work. All units taught are focused on employment. Students will complete a career search, create a targeted resume, learn about interviewing, gain knowledge about work and workplace relationships as well as rights of employees.

This course also develops personal skills, social growth and self-management skills. It also assists in the development of self-knowledge to cope with the many challenges students may face in their day to day lives.

US Number	Title of Standard	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
US4251	Plan a career pathway	2	8	Internal	N	N	N	N
US1296	Interview in an informal situation	3	6	Internal	N	N	N	N
US9681	Contribute within a team or group which has an objective	3	6	Internal	N	N	N	N
US1304	Communicate with people from other cultures	2	9	Internal	N	N	N	N
US1980	Describe, from an employee perspective, ways of dealing with employment relationship problems	2	9	Internal	N	N	N	N
US9694	Demonstrate and apply knowledge of communication process theory	4	8	Internal	N	N	N	N

SERVICES ACADEMY

Entry into the Services Academy is by consultation with your Dean, your parents and an interview with the Services Academy Director, Mr Donovan Bickford.

Level 2

Level 3

L2 Services Academy



L3 Services Academy

SERVICES ACADEMY LEVEL 2

L2Serv

This is a double-line timetable option. Students have the opportunity to achieve 29 Level 2 NCEA credits through the Ministry of Defence camps and in-class assessments. All students in this class will be expected to participate and attend three compulsory camps (Induction – ten days, Bushcraft – five days and Adventure Challenge – five days). In addition to this, students may be selected to attend additional leadership camps. Students in the Academy will work on:

- Physical fitness and preparation for the Services
- Military skills such as discipline, drills, leadership, teamwork, personal presentation, goal setting, bush craft
- Theory based components

The Services Academy Director will also act as a mentor to all students and offer advice and guidance to support students with their academic programme.

Contribution requested: \$100 for Academy tracksuit (top and bottom), Academy PT Shorts, Shirt and Polo Shirt

AS/US Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91330	Perform a physical activity in an applied setting	2.4	4	3	Internal	N	N	N	N
AS91333	Analyse the application of risk management strategies to a challenging outdoor activity	2.7	3	2	Internal	Y	N	N	N
AS91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	2.8	3	2	Internal	N	N	N	N
US1294	Be interviewed in a formal interview		2	7	Internal	N	N	N	N
US9677	Communicate in a team or group which has an objective		3	10	Internal	N	N	N	N
US467	Demonstrate personal and social development through participation in adventure-based learning		3	5	Internal	N	N	N	N
US24098	Demonstrate and apply knowledge of basic foot drill in the New Zealand Cadet Forces		2	1	Internal	N	N	N	N
US425	Experience day tramps		3	6	Internal	N	N	N	N
US426	Experience camping		3	6	Internal	N	N	N	N
US3492	Write a short report		3	7	Internal	N	N	N	N

SERVICES ACADEMY LEVEL 3**L3Serv**

As a single line option, students will use military skills as a medium to complete NCEA Level 3 assessments. The course will cover physical fitness, leadership skills, teamwork and goal-setting. Students will also be assessed on their ability in a physical activity.

AS/US Number	Title of Standard	Subject Reference	Credits	Version	Internal/ External	L1 Lit	L1 Num	UE Read	UE Writ
AS91501	Demonstrate quality performance of a physical activity in an applied setting	3.4	4	2	Internal	N	Y	N	N
AS91505	Contemporary leadership in a physical context	3.8	4	2	Internal	Y	N	Y	N
US1312	Give oral instructions in the work place		3	7	Internal	N	N	N	N
US9681	Contribute within a team or group which has an objective		3	7	Internal	N	N	N	N
US7021	Demonstrate exercise techniques		8	4	Internal	N	N	N	N
US1296	Interview in informal situations		3	7	Internal	N	N	N	N
US3491	Write a report		4	7	Internal	N	N	N	N
US1307	Speak to a known audience in a predictable situation		3	8	Internal	N	N	N	N

LEARNING AREA	Year 9	Year 10	Level 1	Level 2	Level 3
ENGLISH	English	English	English	English Creative English Visual UEly	English
THE ARTS	ELang	ELang	L1ELang	L2ELang	L3ELang
Performing Arts	Dance Drama Music	Dance Drama Music	Dance Drama Music	Dance Drama Music	Dance Drama Music
Visual Arts	Art	Art	Art	Art	Art
HEALTH and PHYSICAL EDUCATION	PE/Health	PE/Health	Physical Education	Physical Education	Physical Education Health
MATHEMATICS and STATISTICS	Mathematics	Mathematics	Mathematics Acc Mathematics	Mathematics Acc Mathematics	Calculus Statistics
SCIENCE	Science	Science	Science	Biology Chemistry Physics Electro-Science	Biology Chemistry Physics
SOCIAL SCIENCES	Social Studies	Social Studies Enterprise Studies	Geography History Business Studies	Geography History Tourism Studies Business Studies	Geography History Tourism Studies Business Studies
TECHNOLOGY	Tech Materials Digital Citizenship Tech Bio Textiles	DVC Tech Materials Digital Technology Food Tech Textiles	DVC Hard Materials Digital Technology Catering & Hospitality	DVC Automotive Eng. Construction A Digital Technology Catering & Hospitality	DVC Automotive Eng. Construction B Catering & Hospitality
LANGUAGE	Te Reo Maori	Te Reo Maori	Te Reo Maori	Te Reo Maori	Te Reo Maori
TRANSITION				Employment Pathways	Employment Pathways
SERVICES ACADEMY				Services Academy Gateway**	Services Academy Gateway**

Subjects in bold are those approved for University Entrance

** Additional, not an option course