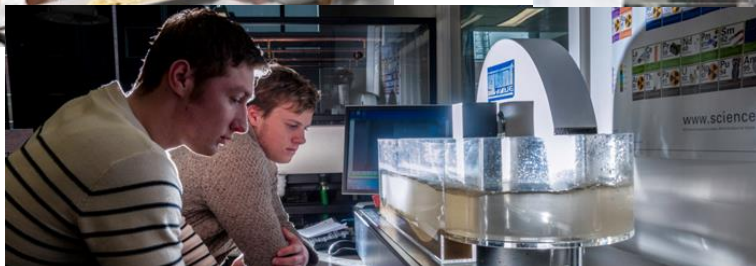


Senior Course Booklet



Birkenhead College 2017

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Notes to help students and parents with subject choices for 2017

Today's society is changing rapidly and it is important for students to prepare themselves so that their future options will be as wide as possible. If you have no career in mind at this stage, don't panic, and follow these guidelines:

- a. Keep your options open as much as possible by choosing a spread of subjects
- b. Take courses you like, and in which you are interested
- c. Do something you know you are good at – if you are not sure, ask your teacher if they think you are good at your present subject
- d. Discuss your options with your parents, your teachers, and your Dean
- e. Think about the subjects you may want to study in future
- f. You may however have a career in mind. Check what qualifications and courses you will need, or which subjects are good to take for that career by talking to the Careers Adviser, Mrs Morris, or by logging on to www.careers.govt.nz

Procedure

1. Read the option information booklet.
2. If you have any questions about the subject or you are uncertain about your ability to complete the year's work, talk to the Head of Department and your Dean. Make sure you come to the Options Afternoon with your parents to get advice.
3. Many subjects have prerequisites, these are the course you must have taken, or the grades you must have achieved, **before** you will be allowed to take the subject at a certain level. Make sure you have these prerequisites, or are pretty certain you will get them before you enrol for the subject. If you have any doubts, see your Dean or the HOD of the subject.
NOTE: If you have not met the prerequisite to enter a subject, in some cases you may still be allowed to take the subject with the approval of the Head of Department. Ultimately, for students who have not met prerequisites, approval of their course lies with the Principal or Deputy Principal.
4. Return your Option Choice form to your form teacher by **Tuesday, September 6th** at the very latest. The school tries very hard to give you your first choice of subjects, but for us to do so we need definite information by this deadline. Handing in your option choice form after September 6th means you are last in order of entry to the classes you wish to take. This means if the class is full, you will miss out, or it may mean we do not run a class if numbers are small because people have not handed in their form.

Options Afternoon

Thursday September 1st 3.30 – 5pm in the Library

This is a good opportunity for parents, caregivers, and students to discuss courses, options, and future pathways with our Heads of Departments. Our Careers Adviser will also be there.

No appointments are necessary – just turn up with your questions

NOTES ON SUBJECT COMBINATIONS

YEAR 11

- All students must take an English, a Mathematics, and a Science course. Which course they take will be decided by the Head of Department depending on Year 10 results
- They choose three other subjects
- All courses have Achievement Standards, or in some cases, Unit Standards, which count towards NCEA (National Certificate in Educational Achievement)
- Most courses allow students to gain course endorsement (14 or more Merit or Excellence credits)

YEAR 12

- This can be a combination of Year 11 and Year 12 subjects depending on whether students have met prerequisites, or have gained NCEA Level 1 or not.
- All students must take an English course. Which course will depend upon their results in Year 11 English.
- They choose five other subjects
- Some courses are **half-year** or **semester** courses. If you choose one of these you will choose another half-year course to take in the 2nd semester. All semester courses are completely internally assessed.
- All courses have Achievement, or in some cases, Unit Standards, which count towards NCEA.
- Most courses, except semester courses, allow students to gain course endorsement (14 or more Merit or Excellence credits)

YEAR 13

- A combination of Year 11, 12 and 13 subjects is possible depending on whether students have met prerequisites, or whether they have gained NCEA Level 2 or not.
- Students choose five subjects
- Some courses are **half-year** or **semester** courses. If you choose one of these you will choose another half-year course to take in the 2nd semester. All semester courses are completely internally assessed.
- All courses have Achievement, or in some cases, Unit Standards, which count towards NCEA.
- Most courses allow students to gain course endorsement (14 or more Merit or Excellence credits)
- University Scholarship is gained by entry into Subject Scholarship Standards

COURSE COSTS

Some courses have costs. Please check what these may be before choosing a course that may prove to be too expensive. These fees may be for materials that are used or consumed by students taking the course, fees for trips or visits, fees for special equipment that is needed, or for workbooks or write-on notes.

Workbooks or write-on notes are included to improve student learning by ensuring fuller coverage of the curriculum in the time available. They also ensure that students have clear and comprehensive notes for revision purposes. If students are unable to obtain their own copies of the workbook, teachers will be able to supply a copy for the student during class time only. Students will not be able to write in the books or keep them for future revision.

NZQA FEES 2017

At this stage we do not know definitely what the NZQA fees will be for 2017. In 2016 they were:

NCEA Level 1, 2, 3, & Scholarship	
Entry for all NQF Standards	\$76.70
Scholarship	\$30 per subject

International Fee-Paying Students	
Entry for all NQF Standards	\$383.30
All Scholarship entries	\$102.20 per subject

FINANCIAL ASSISTANCE

In 2016 you could claim financial assistance if you:

- Received a work and income or study link benefit
- Had a joint family income below the threshold for receipt of a community services card
- Had more than one child in the family sitting NCEA in the same year, and the combined amount is over \$200 or in the case of approved financial assistance, the combined amount is over \$30.

If you were able to claim under a) or b) above, then you would have only paid the NCEA \$20 processing fee.

NCEA QUALIFICATIONS in 2017 – What is Required?

To Gain NCEA Level 1

- 80 credits in total which include:
- 10 Core Literacy credits (can be gained from a range of subjects, not just English)
- 10 Core Numeracy credits (can be gained from a range of subjects, not just Maths)

To Gain NCEA Level 2

- 80 credits in total made up of:
- 60 credits at Level 2 or 3
- 20 credits at Level 1 or above

To Gain NCEA Level 3

- 80 credits in total made up of:
- 60 credits at Level 3
- 20 credits at Level 2 or above

Certificate Endorsement

Students are recognised for high achievement by gaining NCEA at a particular Level with a Certificate Endorsement:

Merit Endorsement – 50 or more credits at Merit or Excellence level

Excellence Endorsement – 50 or more credits at Excellence level

Course Endorsement

This award recognises students who achieve highly in a particular course or subject.

Merit Endorsement – 14 or more credits at Merit or Excellence Level

Excellence Endorsement – 14 or more credits at Excellence Level

Note: At least 3 of these credits must be gained through internal assessment and 3 credits gained through external assessment (except for Phys Ed courses and Level 3 Fine Arts courses)

Subject Flow Chart 2017

**** Semester Courses**

Year 9	Year 10	Year 11	Year 12	Year 13
Science (9SCI)	Science (10SCI)	Science (11SCI) Applied Science (11ASC)	Biology (12BIO) Chemistry (12CHE) Physics (12PHY) Science (12SCI) ** ← Child Development (12CHC) →	Biology (13BIO) Chemistry (13CHE) Physics (13PHY)
Mathematics (9MAT)	Mathematics (10MAT)	Mathematics Extension (11MAX) Mathematics (11MAT) Mathematics Internal (11MAI)	Mathematics Extension (12MAX) Mathematics (12MAT) Mathematics Internal (12MAI)	Statistics (13MAS) Calculus (13MAC) Mathematics (13MAT)
English (9ENG)	English (10ENG)	English Literature (11ENG) English Communication (11ECM)	English Literature (12ENG) English for Vocational Pathways (12EVP)	English Literature (13ENG) English For Literacy (13 EFL) Media Studies (13MES)
ESOL	ESOL	ESOL	ESOL	ESOL
Social Studies (9SST)	Social Studies (10SST) Creative / Critical Thinking (10CCT) Business Studies (10BST)	Geography (11GEO) History (11HIS) Economics (11ECO)	Geography (12GEO) History (12HIS) Travel and Tourism (12TRT) Economics (12ECO)	Geography (13GEO) History (13HIS) Travel and Tourism (13TRT) Economics (13ECO)
Health & PE (9PED) Sports Academy (9SPA)	Health & PE (10PED) Sports Performance (10SPF)	Physical Education (11PED)	Physical Education (12PED) Sports Performance (12SPF) **	Physical Education (13PED) Sports Performance (13SPF)
Art (9ART)	Art (10ART)	Art (11ART) Digital Art (11DAR)	Art (12ART) Photography & Art Design (12PHO/12DES) Art History (12ARH)	Art Painting (13ARP) Photography & Art Design (13PHO/13DES) 20 th Century Art & Ideas (13ARH)
Music (9MUS)	Music (10MUS)	Music (11MUS)	Music (12MUS)	Music (13MUS)
Drama (9DRA)	Drama (10DRA)	Drama (11DRA)	Drama (12DRA)	Drama (13DRA)
French (9FRE)	French (10FRE)	French (11FRE)	French (12FRE)	French (13FRE)
Japanese (9JAP)	Japanese (10JAP)	Japanese (11JAP)	Japanese (12JAP)	Japanese (13JAP)
Te Reo Maori (9MAO)	Te Reo Maori (10MAO)	Te Reo Maori (11MAO)	Te Reo Maori (12MAO)	Te Reo Maori (13MAO)
Food Technology (9FDT)	Food Technology (10FDT)	Food & Nutrition (11FOD)	Food & Nutrition (12FOD) Hospitality (12HSP) **	Food & Nutrition (13FOD) Barista (13BAR) **
Textile Technology (9TXT)	Textile Technology (10TXT)	Textile Technology (11TXT)	Textile Technology (12TXT)	Textile Technology (13TXT)
Graphics (9GRA)	Graphics (10GRA)	Graphics (11GRA)	Graphics (12GRA)	Graphics (13GRA)
Workshop (9WSP)	Design Technology (10DET)	Construction Skills (11CON) Engineering Practice (11EGN)	Construction Skills (12CON) Engineering Practice (12EGN)	
	Digital Technologies (10DGT)	Digital Technologies (11DTA)	Digital Tech. Media (12DTM) ← Int. Computer Drivers Licence (12ICD) →	Digital Tech. Print (13DTP)

OPTION PLANNING

When making subject choices, you must consider what future directions you plan to take. Do you intend to go to University or take another tertiary course? Do you want to work or learn a specific trade? These decisions need to be taken into account when you are selecting subjects, and your subject choice must ensure that you have an appropriate pathway.

Please take some time to check the entry requirements for jobs, training courses, apprenticeships and university courses on the Career Services website www.careers.govt.nz (find job info. Section) or talk with our Careers Adviser, Mrs Morris, on 483 9039 Ext 819 or mr@birkenhead.school.nz

FUTURE PLANS

If you are in Year 11 or 12 now, enter the actual subjects you are taking this year in the appropriate box

START HERE

Choose a pathway based on what you intend to do when you leave school.

Do a degree at a University, or a tertiary course at a Polytechnic

The degree could be in

For this, in Year 13, I will need

1. _____

2. _____

3. _____

4. _____

5. _____

So, in Year 12, I will need to take, or am taking

1. English

2. _____

3. _____

4. _____

5. _____

6. _____

Do a diploma or certificate, or some other training course

The training or course could be in

For this, in Year 13 I will need

1. _____

2. _____

3. _____

4. _____

5. _____

So, in Year 12, I need to take, or am taking

1. English

2. _____

3. _____

4. _____

5. _____

6. _____

Get a job when I leave.

As a

For this, in Year 13 I will need

1. _____

2. _____

3. _____

4. _____

5. _____

So, in Year 12, I need to take, or am taking

1. English

2. _____

3. _____

4. _____

5. _____

6. _____

No idea. So I need to keep my options open.

So, in Year 11, I need to take, or am taking

1. Science

2. Maths

3. English

4. _____

5. _____

6. _____

So, in Year 11, I need to take, or am taking

1. Science

2. Maths

3. English

4. _____

5. _____

6. _____

A Guide to Academic Requirements for Tertiary Training Options

Certificate programmes at Polytechnics or Private Providers

- Most prefer completion of Year 12
- Must have core literacy and numeracy
- Many require certain Level 2 credits for entry

Diploma programmes at Polytechnics or Private Providers

- Usually need at least 48 Level 2 credits over 4 subjects, that is 12 credits in each of your 4 best subjects, one of which must be English
- Some require Level 3 credits for entry

10	Doctorates	Tertiary Qualifications
9	Masters Degrees	
8	Post Graduate Diplomas	
7	Bachelors Degrees	
6	Diplomas/Certificates	
5	Diplomas/Certificates	
4	Certificates	
3	NCEA Level 3 Certificates	
2	NCEA Level 2 Certificates	
1	NCEA Level 1 Certificates	

Degree programmes at Universities (for more detailed information see Pages 30)

- 60 credits at Level 3 including a minimum of 14 credits at Level 3 in each of three subjects from the universities approved subject list
- A minimum of 14 credits at Level 1 or higher in Mathematics
- A minimum of 10 credits at Level 2 or higher in English or Te Reo Maori; 5 credits must be in Reading and 5 credits must be in Writing

OTHER PROVIDERS

Apprenticeship Entry

- Most prefer completion of Year 12
- Usually need a minimum of 12 Level 1 English credits and 12 Level 1 Maths credits
- Most prefer 12 Level 1 Science credits
- Most prefer credits in subjects associated with the apprenticeship, eg Construction credits for a Building Apprenticeship
- ALL apprenticeships require that you are able to meet entry requirements for the industry you are interested in

Armed Forces Entry go to nzdf.mil.nz for details

Officer

- Level 2 or 3 depending on specialism, with some subject requirements

Soldier / Seaman / Ground Crew / Technical / Trades

- Minimum of 12 Level 1 English credits and 12 Level 1 Maths credits
- Prefer 12 Level 1 Science credits plus additional credits for specialised trades
- Aged 17

IMPORTANT NOTES:

1. Increasingly for entry to tertiary courses, there is more emphasis placed on the level of achievement rather than the actual subjects a student has taken at school
2. Always aim for more credits than the minimum to make sure you are competitive with other applicants
3. Get more information from the following:
 - The Careers Adviser, Mrs Morris
 - Career Services Website – www.careers.govt.nz
 - Ring Career Services – 0800 222 733
 - Websites of tertiary institutes running the course(s) you are interested in

THE ARTS

Music, Art, Photography, Art History, Drama

Some Possible Future Career Pathways

Actor Artist Musician Promoter Director
Stage Manager Teacher Lighting Technician Singer
Television Presenter Entertainer Model Theatre
Producer Composer Photographer Events Manager
Potter Sound Technician Comedian Curator
Dancer Music Therapist Production Manager Illustrator

Year 10	Year 11	Year 12	Year 13
Music	Music	Music	Music
Art	Art Digital Art	Art Photography & Art Design Art History	Art Painting Photography & Art Design Art History
Drama	Drama	Drama	Drama

MUSIC

Year 11 Music (11MUS)

Pre-requisite: Year 10 Music (minimum of 'achieved' in music skills), or with HOD approval and minimum of 2 years practical tuition on instrument/voice.

Award: 30 Level 1 credits. All Achievement Standards, mainly internally assessed, with some external exam Standards.

Cost: Either school-based itinerant lessons – approx. \$250 for a full year, or privately arranged lessons. \$50 for Aural Skills and Theory Books

Description of the course:

This is a course for students who have an interest in many aspects of music. Students should be competent on their chosen instrument, and will develop their Performance and Composition skills, as well as learning about music history and theory. Students who are successful in this course may then take Year 12 Music.

Year 12 Music (12MUS)

Pre-requisite: Success in Year 11 Music, or with HOD approval and minimum of 3 years practical tuition on instrument/voice.

Award: 28 Level 2 credits. All Achievement Standards, mainly internally assessed, with some external exam Standards.

Cost: Either school-based itinerant lessons – approx. \$250 for a full year, or privately arranged lessons. \$50 for Aural Skills and Theory Books

Description of the course:

This is a course for students who have an interest in many aspects of music. The course continues from work started at Level 1, and students are expected to be proficient on their chosen instrument. The course further develops skills in Performance and Composition, as well as going into more detail on music history and theory. Students who are successful in this course may then take Year 13 Music.

Year 13 Music (13MUS)

Pre-requisite: Success in Year 12 Music, or with HOD approval and minimum of 4 years practical tuition on instrument/voice.

Award: 26 Level 3 credits. All Achievement Standards, mainly internally assessed, with some external exam Standards.

Cost: Either school-based itinerant lessons – approx. \$250 for a full year, or privately arranged lessons. \$50 for Aural Skills and Theory Books

Description of the course:

This is a course for students who have an interest in many aspects of music. Students will focus on either Performance or Composition. They choose an area of music history to research along with theory skills.

ART

Note: Students can only take one Year 11 Art course. Both Art and Digital Art offer exactly the same Achievement Standards.

Year 11 Art (11ART)

Pre-requisite: Year 10 Art, or with the HOD's permission
Award: 22 Level 1 credits. All Achievement Standards, internally and externally assessed
Cost: \$75 materials fee paid at the start of the year. This includes paintbrushes and folio boards.

Description of the course:

This is a course for students who have completed Junior Art and have an interest in developing their critical, creative and technical skills. The course focuses on extending students' knowledge of artists and artworks, and strengthening their conceptual, drawing, printmaking, and paint handling skills.

Year 11 Digital Art (11DAR)

Pre-requisite: None
Award: 22 Level 1 credits. All Achievement Standards, internally and externally assessed
Cost: \$100 materials fee paid at the start of the year. This includes all printing costs and folio boards.

Description of the course:

This is a course for students who have an interest in Photography and Design. It will help to develop their critical, creative, and technical skills. The course focusses on extending students' knowledge of photographers and designers, and strengthening their conceptual, drawing, photographic, and design skills. Students will use Adobe programmes such as InDesign and Photoshop. It will be an advantage to have your own digital camera.

Year 12 Art (12ART)

Pre-requisite: Success in Year 11 Art, or with the HOD's approval
Award: 24 Level 2 credits. All Achievement Standards, internally and externally assessed
Cost: \$85 paid at the start of the year, plus \$80 over the year for materials used.

Description of the course:

This is a course for students who have completed Year 11 Art and have an interest in continuing the development of their critical, creative and technical skills. The course will extend students' knowledge of artists and artworks, and cement their conceptual and technical skills. This course is particularly relevant for those wanting to take Art, Architecture, Design, Media, or Communication courses at tertiary level.

Year 12 Photography and Art Design (12PHO/12DES)

Pre-requisite: None
Award: 24 Level 2 credits. All Achievement Standards, internally and externally assessed
Cost: \$85 paid at the start of the year, plus \$165 over the year for materials used.

Description of the course:

This course is intended to give students a thorough grounding in all aspects of digital photography and design, including camera function and use, digital enhancement, post production manipulation in Photoshop, Illustrator and Indesign and digital printing. It will also cover the history of photography and design, and photography and design as an art form. Students are advised to have a digital camera with manual capabilities. Manual means the camera must have aperture and shutter speed settings. The course is particularly relevant to those intending to do Design, Photography, Art, Advertising, Media Design, Architecture, or Communication courses at tertiary level.

Year 12 Art History (12ARH)

Pre-requisite: Success in Level 1 English or History, or with the HOD's permission
Award: 24 Level 2 credits. All Achievement Standards, internally and externally assessed
Cost: Costs for gallery visits.

Description of the course:

This course is intended to help students develop their visual literacy with a focus on the social, political, and historical context of why, when, and who makes art. This course should be considered by those intending to study for Architecture, Law, Fine Arts, Media, Communication or Arts degrees, as well as those seeking a rounded secondary Arts' education. Students do not need previous experience in practical art to take this subject.

Year 13 Art (13ART)

Pre-requisite: Success in Year 12 Art, or with the HOD's approval
Award: 26 Level 3 credits. All Achievement Standards, internally and externally assessed
Cost: \$95 materials fee. This includes paintbrushes, folio boards, and courier costs to Wellington.

Description of the course:

This is a course recommended for students who have completed Year 12 Art and have an interest in continuing the development of their critical, creative, and technical skills. The course focuses on developing an independent programme for each student, therefore the ability to work independently is vital.

Year 13 Photography and Art Design (13PHO/13DES)

Pre-requisite: Success in Year 12 Art or Photography, or with the HOD's approval
Award: Up to 26 Level 3 credits. All Achievement Standards, internally and externally assessed
Cost: \$85 fee to be paid at the start of the year, plus \$100 over the year for materials used.

Description of the course:

This is a course for students who have completed Year 12 Photography or Art, and have an interest in continuing the development of their critical, creative, and technical skills. The course focuses on developing an independent programme for each student, therefore the ability to work independently is vital. Students are advised to have their own camera to take this course.

Year 13 20th Century Art and Ideas (13ARH)

Pre-requisite: Success in Level 2 Art History, History, or English, or with the HOD's permission
Award: 20 Level 3 credits. All Achievement Standards, internally and externally assessed
Cost: Costs for gallery visits

Description of the course:

This course should be considered by students who wish to develop their creative and critical thinking skills. It will teach students to research purposefully, construct reasoned arguments, and respond intelligently to modern themes and ideas. Students intending to study Architecture, Law, Media, Communication, Fine Arts or Arts at tertiary level should consider taking this course, as well as those seeking a rounded secondary Arts' education. Students do not need previous experience in practical art to take this subject.

DRAMA

Year 11 Drama (11DRA)

Pre-requisite: A good record in Year 10 Drama, or a demonstrated interest or capability.
Award: 24 Level 1 credits. 18 internally assessed, 4-8 external.
Cost: \$12 for a workbook, and \$50 (max) for entry to live theatre performance during the year.

Description of the course:

Drama is an art form, a practical activity and an intellectual discipline highly accessible to young people. The Year 11 course is designed to develop student's self-esteem, drama skills, team work, communication, performance repertoire and critical evaluation of theatre. Level One students focus on New Zealand theatre, Melodrama, improvisation, realistic acting, dance and live performance. Students need to be committed to attendance, rehearsals and performances to ensure success. At least one theatre trip outside of school will be attended, for study towards the external exam. The course is primarily practical, with some written components.

Year 12 Drama (12DRA)

Pre-requisite: A good record in Year 11 Drama, or a demonstrated interest or capability.
Award: 22 Level 2 credits. All Achievement Standards, mainly internally assessed, with 4 external credits.
Cost: \$12 for a workbook and \$50 (max) for entry to live theatre performance during the year.

Description of the course:

At Level Two, Drama students hone their skills to become critical listeners, thinkers, negotiators and communicators. The course develops you to think creatively, imaginatively and divergently. Students will broaden their societal ideas, viewing multiple perspectives and using theatre as a medium for social comment. The course focusses on primarily practical work that includes: devising original theatre, musical theatre scenes, performing in a public show, cultural dance and the study of a prominent playwright. Some written components are involved. At least one performance will be attended outside of school. Students must be committed to attendance, rehearsals and performances to ensure their success.

Year 13 Drama (13DRA)

Pre-requisite: A good record in Year 12 Drama, or a demonstrated interest or capability.
Award: 22 Level 3 credits. At least 18 internal, 4 external (with possibility of 8). Scholarship Drama option.
Cost: \$12 for a workbook and \$50 (max) for entry to live theatre performance during the year.

Description of the course:

This course progresses to a more professional and scholarly study of the skills of acting, design, and theatre theory. High-order thinking skills will be developed as students' challenge, critique and question society through theatre and enhance cultural awareness. Highlights of Level 3 Drama include monologue performances, the study of Verbatim theatre, script writing, performing in a public show and solidifying dramatic skills. Students will work as artists to create, perform in and reflect on theatre. Options for specialist interests are available (i.e. lighting, sound, makeup, stage management). Some written components are involved. At least one performance will be attended outside of school. Students must be committed to attendance, rehearsals and performances to ensure their success.

ENGLISH AND ESOL

Year 10	Year 11	Year 12	Year 13
English	English Literature English Communication	English Literature English for Vocational Pathways	English English for Literacy Media Studies
Esol	Esol	Esol	Esol

Some Possible Future Pathways

***Lawyer Journalist Advertising Librarian Interpreter
Television Presenter Teacher Editor Armed Forces
Marketing Author Curator Reviewer Film Maker
Communications Diplomat Reporter Politician
Human Resources Counsellor Speech Writer***

ENGLISH

Year 11 English

Students will be placed in the appropriate class on the basis of their Year 10 results. This may be further discussed with the HOD.

Year 11 English Literature (11ENG)

Award: 19 (3 credits optional: possible 22) Level 1 credits

Cost: None

Description of the course:

The course focuses on reading written and visual texts, on producing formal writing, (with the possibility of creative writing or oral presentation being included) and on understanding the way in which language usage creates effects. Several internal assessments evaluate students' skills and understanding during the year, and three Achievement Standards are assessed via external exams.

Year 11 English Communication (11ECM)

Award: 16 Level 1 credits

Cost: None

Description of the course:

English Communication is designed for those students whose English skills are not suited to English literature studies. This course has been refined to allow for the greatest possible student success in this subject. The focus is on internal assessments, however students are required to sit one Achievement Standard in the external exams.

Year 12 English

Students will be placed in the appropriate class on the basis of their Year 11 results. This may be further discussed with the HOD.

Year 12 English Literature (12ENG)

Pre-requisite: 8 Reading or Writing credits in Level 1 English

Award: 18 Level 2 English credits, (3 credits optional: possible 21) and the literacy requirement for University Entrance plus 3 Media Studies credits offering 3 L2 literacy writing credits

Cost: None

Description of the course:

All students take English at Level 2, but 12ENG students build on the skills and knowledge gained in Level 1 to develop a more analytical approach to literature. Students of this course will be required to sit two Achievement Standards in the external exams. The credits obtained in this course can provide the reading and writing literacy requirement for tertiary study

Year 12 English for Vocational Pathways Courses (12EVP)

Pre-requisite: 6 credits from Level 1 English
Award: Level 2 credits, approximately 16. Primarily Unit Standards which may contribute towards awarding a Vocational Pathways Award. If appropriate L2 English Achievement Standards may also be included. Fully internally assessed.
Cost: None

Description of the course:

This course begins with an opportunity for self-reflection, and identification of a learner's strengths and weaknesses, to enable everyone to produce a plan to enhance learning, via an introductory Unit Standard. Visually oriented Achievement Standards, such as a scene analysis of a film, or creation of a Visual Text may be incorporated into the programme. The focus of this course is on developing and using English skills, to enable students to earn L2 credits.

Year 13 English and Media Studies

Students will be placed in the appropriate class on the basis of their Year 12 results. This may be further discussed with the HOD.

Year 13 English Literature (13ENG)

Pre-requisite: 12 credits in Level 2 English, at least 8 of which are Reading or Writing credits, and at least 4 are from the external exam
Award: 21 Level 3 credits (3 credits optional: possible 24) and the literacy requirement for University Entrance
Cost: None

Description of the course:

This academic course is designed to extend students' abilities to use language effectively in English and foster an appreciation of literature. Study at this level is relevant to all students because literature deals with important human issues such as power and conflict, love and reconciliation, and the challenges life may throw our way. Through this course, students gain the opportunity to better understand people and society. Students are expected to read at an advanced level, and to develop their understanding of language through discussion and writing, which is then assessed in the external exams. The course includes an internally assessed writing portfolio, plus internal assessment of close viewing, oral presentation, and research.

Year 13 English For Literacy (13EFL)

Pre-requisite: 6 Level 2 English credits
Award: 10 Level 4 credits: English for Academic Purposes Unit Standards (5 credits offer UE reading credits) all internally assessed, 8 Level 2 or 3 credits which are externally assessed and count towards UE literacy (3 credits optional: possible 21 credits)
Cost: None

Description of the course:

English for Literacy is an English course that may afford students the opportunity to obtain University Entrance Literacy. This course is **very** different to 13 ENG. Completing this course successfully could enable students to enter tertiary courses and enhance their employment opportunities. The 13 EFL course is designed to enable students to develop a range of skills in English.

Year 13 Media Studies (13MES)

Pre-requisite: 12 credits in Level 2 English, with at least 3 credits from a writing Standard
Award: 20 Level 3 credits (16 internal and 4 external)
Cost: You will need access to a video camera or DSLR camera and a SD Card
Optional field trips for genre research will be offered

Description of the course:

Media Studies examines the role of media in society. It is about the active exploration, critical analysis, design and creation, and enjoyment of the media and its products. Students will extend their critical thinking skills in media through developing a sophisticated understanding of media processes, audiences, and contexts. Students will examine the horror/suspense film genre and its relationship with society, design a concept for, and create, a short film, as well as explore developments in, and aspects of, the Global Music Industry. This course is academically challenging and requires students to have excellent time management.

ESOL ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

Students will be allocated classes according to their level of English and need for extra assistance. The classes will range from Elementary to Advanced. The courses will cover work in Listening, Speaking, Writing and Reading with a view to supporting the students in their mainstream classes.

Cost: \$38.00 for text books at all levels.

HEALTH AND PHYSICAL WELL-BEING

Year 10	Year 11	Year 12	Year 13
Health & Phys. Ed. Sports Performance	Physical Education	Physical Education Sports Performance	Physical Education Sports Performance

Some Possible Future Pathways

***Personal Trainer Sports Coaching Police Nursing
Fitness Instructor Physiotherapist Teacher
Sports Co-ordinator Professional Athlete Armed Forces***

Year 11 Physical Education (11PED)

Prerequisite: Full participation in Year 10 Phys. Ed.
Award: 25 Level 1 credits. All Achievement Standards, all internally assessed.
Cost: \$5 Student workbooks

Description of the course:

This is a practical based course linked to theoretical elements. Students will be required to evaluate different practical activities such as athletics, basketball, and coaching. This course introduces coaching skills, anatomy, physiology, and biomechanics that are further examined in Year 12 Physical Education.

Year 12 Physical Education (12PED)

Prerequisite: An Achieved grade in both Level 1 Standards 90063 & 90967
Award: 20 Level 2 credits. All internally assessed Achievement Standards.
Cost: \$5 Student workbooks

Description of the course:

This course is designed to build on knowledge and principles outlined in Year 11 Physical Education, and to prepare students for Year 13 Physical Education. The Achievement Standards are all practically based, and formal assessments will be assessed through a range of methods, eg. written, physical performance, power point presentations, and verbal discussion. This course will focus on improving performance in physical activity and will cover biomechanics, physiology, sports psychology, and methods of training, leadership, and safety. Could include trips to the Millenium Institute, and the AUT performance testing labs, as well as to professional athletes' training sessions, so students can experience the opportunities and career pathways Physical Education has to offer.

Year 12 Sports Performance ½ Year Semester course (12SPF)

Students can take 12 Sports Performance for Semester 1 OR Semester 2, but NOT both semesters. This is because the same Standards are repeated in each semester.

Pre-requisite: None
Award: 3 Level 2 Credits Achievement Standards, 14 Level 2 Credits Unit Standards
Cost: \$5 Student workbooks

Description of this course:

Students will learn about anatomy, physiology and nutrition. They will also learn how to use fitness equipment safely and how to teach the correct use of fitness equipment. At the end of this programme students will be required to do a fitness induction in the school fitness centre. The credits gained in this course are recognized by the fitness industry and may help students find work in local fitness centres.

Year 13 Physical Education (13PED)

Pre-requisite: Level 2 AS90432, AS90433, and AS90434, or with HOD's approval.
Award: 22 Level 3 credits, all Achievement Standards, all internally assessed
Cost: \$5 Student workbooks

Description of the course:

This course involves practical assessments and written assignments. Written assignments will be in essay form and will cover areas including performance analysis, anatomy and physiology, biomechanics, and methods and principles of training. Knowledge acquired in Year 12 Physical Education will be applied in this course, and students without this background will find this course difficult.

Year 13 Sports Performance (13SPF)

Pre-requisite: To be able to swim a length of the school pool
Award: 4 Level 3 Credits Achievement standards, 14 Level 3 Credits Unit standards
Cost: \$5 Student workbooks

Description of the course:

This is a more practical course than Year 13 Physical Education and it involves participation in a variety of physical activities including swimming. This course is designed for students with little or no theoretical Physical Education knowledge and the emphasis is on participation rather than classroom based work.

LANGUAGES

Maori, French, Japanese

Year 10	Year 11	Year 12	Year 13
Te Reo Maori	Te Reo Maori	Te Reo Maori	Te Reo Maori
French	French	French	French
Japanese	Japanese	Japanese	Japanese

Some Possible Future Pathways

***Tourist Operator Interpreter Immigration Officer
Historian Social Worker Kapa Haka Tutor Teacher
Television Presenter Diplomat Journalist Writer
Performer Translator Linguist***

A new language may be seen as the door to another world, a rigorous form of intellectual training that improves performance in other areas or an additional skill that enhances employment possibilities for the individual or New Zealand's prospects in an increasingly tough international market place. It is, of course all of these things. The immediate rewards of language study are obvious -

- It opens the mind, and heart, to other ways of life and modes of thought
- It improves knowledge of one's own language
- It enhances self-confidence and self-expression through a constant emphasis on communication skills.

All languages taught emphasise both written and oral skills through a situational approach without neglecting the cultures of each language.

TE REO MĀORI

Ko te Reo te hā o te Māori. "Language is the essence of being Māori".

Te Reo Māori can be studied to NCEA Level 3. Since it became an official language in New Zealand it has become much more sought after in the job market as its use in the media, education, and government has increased in recent years. In addition it is becoming more and more a marker of New Zealand national identity, not just for those of Māori heritage but at a national level.

Year 11 Te Reo Māori (11MAO)

Pre-requisite: Year 10 Te Reo Māori, or with HOD's approval
Award: 24 Level 1 credits. All Achievement Standards, internally and externally assessed
Cost: \$20 for course workbooks and an optional \$20 for a Language Perfect subscription

Description of the course:

Students taking Level 1 Te Reo will be taught by Whaea Taylor, and the course consolidates, extends and upskills students in the four main language skills of Pānui (Reading), Tuhituhi (Writing), Kōrero (Speaking) and Whakarongo (Listening). It is expected and strongly recommended that students are part of Ngā Peka Hou.

Year 12 Te Reo Māori (12MAO)

Pre-requisite: 15 Level 1 Te Reo credits, or with the HOD's approval
Award: approximately 24 Level 2 credits. All Achievement Standards, internally and externally assessed
Cost: \$20 for course workbooks and an optional \$20 for a Language Perfect subscription

Description of the course:

Students taking Level 2 Te Reo will be taught by Whaea Taylor, and the course consolidates, extends and upskills students in the four main language skills of Pānui (Reading), Tuhituhi (Writing), Kōrero (Speaking) and Whakarongo (Listening). It is expected and strongly recommended that students are part of Ngā Peka Hou.

Year 13 Te Reo Māori (13MAO)

Pre-requisite: 15 Level 2 Te Reo credits, or with the HOD's approval
Award: 24 Level 3 credits. All Achievement Standards, internally and externally assessed
Cost: None

Description of the course:

Students taking Level 3 Te Reo will be learning online through Te Aho o Te Kura Pounamu (the NZ Correspondance School), and so they will need to be able to work independently. Please see Mr Cato, or Ms Fuller (e Dean) for more information about this. It is expected that students are part of Ngā Peka Hou.

FRENCH

French can be studied to NCEA Level 3, and is by far the most widely studied foreign language in New Zealand schools. Learning French is supported by a growing number of resources prepared specifically for New Zealand students.

Year 11 French (11FRE)

Pre-requisite: Year 10 French
Award: 19 - 24 Level 1 credits. All Achievement Standards, both internally and externally assessed
Cost: \$15 for course booklets, and \$20 for the Language Perfect subscription

Description of this course:

This course covers the four main language skills of Reading, Writing, Speaking and Listening, and brings together and extends the language and culture experienced in Years 9 & 10. There is a shift in language use from survival skills to social competence and interaction, on matters of daily importance such as travel, family, interests and friendships. Students will be able to communicate information, ideas and opinions on practical matters, and in the past, present, and future tense.

Year 12 French (12FRE)

Pre-requisite: At least 15 credits at Level 1 French or with HOD's permission
Award: 19 - 24 Level 2 credits. All Achievement Standards, both internally and externally assessed
Cost: \$35 for the Tapis Volant Senior Workbook, and an optional \$20 for the Language Perfect subscription

Description of this course:

This course covers the four main language skills of Reading, Writing, Speaking and Listening. Work from previous years is consolidated and extended, and students begin to explore and question the views of others on more abstract and significant matters related to youth such as technology and social interaction, family structures, the French speaking world, health issues and the world around them. Students will learn how to share and justify their own views.

Year 13 French (13FRE)

Pre-requisite: At least 15 credits in Level 2 French or with HOD's permission
Award: 21 - 24 Level 3 credits. All Achievement Standards, internally and externally assessed
Cost: \$40 for the AQA Online Course

Description of this course:

This course covers the four main language skills of Reading, Writing, Speaking and Listening with a focus on the interaction Achievement Standard. Grammar is extended, and students learn to deal with putting forward detailed viewpoints with justifications on a variety of pressing social topics including the environment, a multi-cultural, multi-dimensional society, contemporary social issues and a 'cultural' research topic. A range of everyday text types in French media and literature produced for a variety of audiences are used to develop critical thinking skills.

JAPANESE

Although many students of Japanese are attracted to the language because of its economic importance in industries such as tourism, importing and commerce, it is also an heir to a rich and unique culture, which does have many points of contact with our own. Japanese is also a bridge to other key Asian languages, which will be of growing economic importance in the future, particularly in East Asian countries.

Year 11 Japanese (11JAP)

Pre-requisite: Year 10 Japanese or with permission from the HOD languages.
Award: 19 - 24 Level 1 credits. All Achievement Standards and a mix of internal and external assessment.
Cost: Approx. \$23.50 for a Workbook, and \$20 for the Language Perfect subscription

Description of the course:

Japanese at Level 1 NCEA covers the four main language skills of Reading, Writing, Speaking and Listening. Work from previous years is consolidated and extended, and there is a shift in focus from survival skills to social competence. Students will cover up to Level 6 of the National Curriculum.

Year 12 Japanese (12JAP)

Pre-requisite: 15 credits in Level 1 Japanese or with permission from the HOD languages.
Award: 19 - 24 Level 2 credits. All Achievement Standards and a mix of internal and external assessment.
Cost: Approx. \$15 for a Workbook, and an optional \$20 for the Language Perfect subscription

Description of the course:

Japanese at Level 2 NCEA covers the four main language skills of Reading, Writing, Speaking and Listening at Level 7 of the National Curriculum. Work from previous years is consolidated and extended and more attention is paid to reading and writing. Students will learn to develop information, ideas, and opinions.

Year 13 Japanese (13JAP)

Pre-requisite: 15 credits in Level 2 Japanese or with permission from the HOD languages.
Award: 19 - 24 Level 3 credits. All Achievement Standards and a mix of internal and external assessment.
Cost: Approx. \$10 for a Workbook, and \$20 for the Language Perfect subscription

Description of the course:

Japanese at Level 3 NCEA covers the four main language skills of Reading, Writing, Speaking and Listening at Level 8 of the National Curriculum. Grammar and vocabulary is extended, and students learn to explain and justify a viewpoint, and share personal perspectives.

MATHEMATICS

Mathematics, Calculus, Statistics and Modelling

Year 10	Year 11	Year 12	Year 13
Mathematics	Mathematics Extension Mathematics Mathematics Internal	Mathematics Extension Mathematics Mathematics Internal	Statistics Calculus Mathematics

Some Possible Future Pathways

Engineering Economics Marketing Statistician
Chemist Structural Design Town Planning Commerce
Journalism Teacher Architecture Nursing ICT
Pilot Accountant Computer Programming Banking
Doctor

MATHEMATICS

Mathematics helps students to think logically, abstractly and sequentially. These are all skills that help us with decision making and in organising our lives and careers. Our courses also empower students to understand the Mathematics and Statistics that we encounter in the real world. Applied Mathematics (check out this fascinating school of study at AUT and Auckland University), the branch of Mathematics concerned with application of mathematical knowledge to other fields, inspires and makes use of new mathematical discoveries and sometimes leads to the development of entirely new mathematical disciplines, such as **statistics** and **game theory**. Mathematicians also engage in **pure Mathematics**, or Mathematics for its own sake, without having any application in mind, although practical applications for what began as pure Mathematics are often discovered.

Year 11 Maths

Students will be placed in the appropriate class on the basis of their Year 10 results. This may be further discussed with the HOD.

Year 11 Maths Extension (11MAX)

Award: 19 Level 1 credits. All Achievement Standards, with a mix of internal and external assessment

Cost: Homework booklets \$30 Scientific Calculator approx. \$20

Description of the course:

This course provides all the Maths topics that will be required for progression to 12 MAX, and then Year 13 Calculus, Statistics, or Mathematics. Students are expected to have a sound understanding of Algebra, Graphs, and Probability. Although a Graphics Calculator is not required at this stage, it is recommended that if a student intends to continue with Maths that they purchase one at the start of the year.

Year 11 Maths (11MAT)

Award: 20 Level 1 credits. All Achievement Standards which are mainly internally assessed.

Cost: Homework booklets \$20 Scientific Calculator approx. \$20

Description of the course:

The course is designed for students who have sound number and reasoning skills but need extra time to consolidate their overall mathematical knowledge. Students will be offered mainly internal Achievement Standards with one external Achievement Standard. They will have the opportunity to progress through to 12 MAT and then Year 13 Statistics or Mathematics.

Year 11 Maths Internal (11MAI)

Award: 18 Level 1 credits. All Achievement Standards which are internally assessed.

Cost: Scientific Calculator approx. \$20

Description of the course:

This course is designed for those students who may have difficulty coping with the demands of a full Level 1 course with internal and external Standards. It provides the opportunity for progress to be made in achieving Level 1 internally assessed Achievement Standards. Students who succeed in the course have the chance to progress to 12 MAI and then Year 13 Mathematics. If students really excel in this course, i.e. gaining Merit grades in most NCEA Standards, they will get an opportunity to do Year 12 MAT and Year 13 Statistics or Mathematics.

Year 12 Maths Extension (12MAX)

Pre-requisite: 14 Level 1 credits. Must have the following Level 1 grades in these Standards: 91027- Algebra (with Merit), 91028 –Graphs (with Merit), and 91037- Probability (Achieved)
Award: 22 Level 2 credits, all Achievement Standards.
Cost: Homework book \$36, Scientific Calculator approx. \$20, Graphics Calculator (recommended) approx. \$80 - 100

Description of the course:

This course is for those students who are extremely able in Mathematics. In particular, students need to be confident in Algebra, Graphing, and Probability. The course will cover all the Achievement Standards that are required for the Calculus, Statistics, and Mathematics courses in Year 13. It is advisable to buy a Graphics Calculator before the course starts.

Year 12 Maths (12MAT)

Pre-requisite: 12 Level 1 credits, including 91027 or 91029 (Algebra), 91035 (Univariate) or 91036 (Bivariate), and 91037 or 91038 (Probability)
Award: 20 Level 2 credits, all Achievement Standards.
Cost: Homework booklets \$18, Scientific Calculator approx. \$20, Graphics Calculator (recommended) approx. \$80 - 100

Description of the course:

This course is for those students who are capable in Mathematics. The course will cover all of the Achievement Standards that are required for the Statistics and Mathematics courses in Year 13. It is advisable to buy a Graphics Calculator before the course starts.

Year 12 Maths Internal (12MAI)

Pre-requisite: 12 Level 1 credits
Award: 18 Level 2 credits, all Achievement Standards
Cost: Homework booklets \$18, Scientific Calculator approx. \$20, Graphics Calculator (recommended) approx. \$80 - 100

Description of the course:

This course is for students who have done well in Year 11 MAI and for students who have struggled with Year 11 MAT. Students who do exceptionally well in this course may be able to take 13 Mathematics.

Year 13 Calculus (13MAC)

Pre-requisite: Level 2 AS 91261 Algebra (with Merit), AS 91257 Graphs (with Merit) and AS 91262 Calculus (Merit)
Award: 24 Level 3 credits, all Achievement Standards. 7 internally assessed credits and 17 credits externally assessed.
Cost: Homework booklets \$30, Scientific Calculator approx. \$20, Graphics Calculator (recommended) approx. \$80 - 100

Description of the course:

Calculus lays the foundation of skills required in university Mathematics. Calculus is required for many career choices e.g. finance, commerce, engineering, design, architecture, applied Maths, advanced statistics and many others. It is advisable to buy a Graphics calculator before the course starts.

Year 13 Statistics (13MAS)

Pre-requisite: Level 2 AS 91269 Equations (with Achieved), AS91264 Inference (with Merit) and 91256 Probability (with Merit)
Award: 20 Level 3 credits, all Achievement Standards. 12 internally assessed credits and 8 credits externally assessed
Cost: Homework booklets \$30, Graphics Calculator approx. \$80 - 100

Description of the course:

Statistics equips students with useful skills in statistical thinking and investigations, and enhances both their learning at tertiary level and their life skills. Statistical tools are now commonly used in a wide variety of disciplines which include the social sciences of psychology and sociology, education, all health fields, business, economics, engineering, physical sciences, journalism, communications, and the liberal arts. This course focuses on data – investigating sets of data, thinking about the patterns and trying to explain these mathematically, with useful models. A Graphics Calculator is an essential tool for this course.

Year 13 Mathematics (13MAT)

Pre-requisite: 12 Level 2 credits Level 2 91264 Inference (with Achieved) and 91260 Networks (with Achieved) and 91269 Equations (with Achieved)
Award: 20 Level 3 credits. All Achievement Standards which are all internally assessed.
Cost: Graphics Calculator approx. \$80 - 100

Description of the course:

Students intending to continue in some form of mathematical direction, or a tertiary course which will need some mathematical skills, are strongly recommended to take this course. Success in this course will help with entrance to tertiary courses. A Graphics Calculator is an essential tool for this course.

SCIENCE

Science, Biology, Chemistry, Physics, Child Development

Year 10	Year 11	Year 12	Year 13
Science	Science Applied Science	Biology Chemistry Physics Science Child Development	Biology Chemistry Physics

Some Possible Future Pathways

Nursing Technologist Engineer Pharmacist
Meteorologist Tree Surgeon Conservationist Doctor
Lab Technician Forensic Scientist Vet Nurse
Radiologist Industrial Chemist Teacher Astronomer
Marine Biologist Zoo Keeper Vet Physiotherapist
Food Technologist Forestry Scientist
Geologist Geophysicist Microbiologist
Soil Scientist Wine maker Atmospheric Scientist

SCIENCE

Science is a way of investigating, understanding and explaining our natural and physical world. Through science, students can start to understand the world based on current scientific theories, and can use scientific knowledge and skills to solve problems and make informed decisions.

Year 11 Science

Students will be placed in the appropriate Year 11 class on the basis of their Year 10 results. This may be discussed with the HOD.

Year 11 Science (11SCI)

Award: 24 Level 1 credits. A mixture of internal and external Achievement Standards.

Cost: \$20 approximately for a Laboratory Manual

Description of the course:

Any student planning to take Physics, Chemistry or Biology in Years 12 and 13 must take this course. Topics covered include Biology, Chemistry and Physics. There will be three external assessments and three internal assessments. Two of these will be based upon practical investigations. It is not possible to offer re-assessment opportunities for practical tasks.

Year 11 Applied Science (11ASC)

Award: 24 Level 1 credits, all internally assessed.

Cost: None

Description of the course:

This is a course for those students who have not found Science at Year 10 particularly easy. Topics include Astronomy, Biology, Chemistry, and a Physics investigation. It is unlikely that students taking this course will be able to take Year 12 Chemistry or Physics, however successful students can progress to Year 12 Science, or to Year 12 Biology with the HOD's approval.

Year 12 Science ½ Year Semester Course (12SCI)

Students can take 12 Science for ONE SEMESTER ONLY. The course will have a Biology focus, and it is not intended that students take 12 Science as well as Biology, Chemistry or Physics.

Pre-requisite: 8 Level 1 Science credits, plus Level 1 Core Literacy and Numeracy (or by HOD approval).

Award: 11-12 Level 2 Achievement Standard credits, all internally assessed

Cost: None

Description of the course:

This course aims to focus on Science topics that generate interest for students at this level. Several of the modules of work involve extensive practical work and practical based assessments. Students will carry out practical tasks from teacher instructions and learn how to plan an investigation of their own.

BIOLOGY

Biology examines the living world at both the molecular level and through an environmental aspect. Students should develop an understanding of the diversity of life and life processes, appreciate the interactions between organisms within ecosystems, and examine contemporary issues in biotechnology.

Year 12 Biology (12BIO)

Pre-requisite: 12 credits in Level 1 Science, including AS90948 and AS90951 (or with HOD approval)

Award: 19 Level 2 credits. A mixture of internal and external Achievement Standards.

Cost: \$25 approximately for the Biology course manual. Bus fare for a field trip.

Description of the course:

The course includes cell biology, ecology, genetics and evolution, and animal structure and function. The internal assessments include a written essay, and a field trip investigation. There is no reassessment for practical tasks in the subject.

Year 13 Biology (13BIO)

Pre-requisite: 12 credits in Level 2 Biology, including AS90459 or AS91157

Award: At least 19 Level 3 credits. A mixture of internal and external Achievement Standards.

Cost: \$30 approximately for the Biology course manual.

Description of the course:

The course includes animal behaviour and plant responses to the environment, evolutionary processes, gene manipulation, human evolution, and homeostasis. The internal assessments include an essay on gene manipulation, and a research assignment on a socio-scientific issue.

CHEMISTRY

Chemistry is the study of the composition and properties of matter, and the changes it undergoes. Students will use their developing scientific knowledge and skills to carry out a range of practical techniques and explain their observations, and to understand important concepts and major patterns of chemical behaviour.

Year 12 Chemistry (12CHE)

Pre-requisite: 12 credits in Level 1 Science, including AS90930 and AS90944 (or with HOD approval)

Award: 20 Level 2 credits. A mixture of internal and external Achievement Standards.

Cost: \$40 approximately for the Chemistry course manual.

Description of the course:

The course includes atomic structure and bonding, organic chemistry, oxidation and reduction processes, and thermochemical principles. The internal assessments involve two practical tasks. Students use chemical calculations in a number of Standards and need to have competent mathematical skills. There is no reassessment for practical tasks.

Year 13 Chemistry (13CHE)

Pre-requisite: 12 credits in Level 2 Chemistry, including AS91164 and AS91161

Award: 21 Level 3 credits. A mixture of internal and external Achievement Standards.

Cost: \$40 approximately for the Chemistry course manual.

Description of the course:

This course builds on the topics, concepts and skills covered at Level 2. There are two internal written assessments in this course.

PHYSICS

Physics is the branch of science in which people explore the physical world around them and seek to understand and describe the phenomena they encounter. Learning in physics is inspired by a simple wonder at the way things are, and a compelling curiosity about why they work the way they do. It develops skills and knowledge that are useful in today's world, and important in further learning.

Year 12 Physics (12PHY)

Pre-requisite: 12 credits in Level 1 Science including AS90940, and at least 12 credits in Level 1 Mathematics including AS 91027 and 91028 (or with HOD approval)

Award: 23 Level 2 credits. A mixture of internal and external Achievement Standards.

Cost: \$25 approximately for a student workbook.

Description of the course:

This course covers all major strands in the subject: Mechanics, Electricity, Waves, and Atomic and Nuclear Physics. It is intended for students who wish to further their studies towards Level 3 and/or take up other science subjects, and requires good descriptive and mathematical skills. The internal assessments involve a practical task and a written test. There is no reassessment for practical tasks in this course.

Year 13 Physics (13PHY)

Pre-requisite: 13 credits in Level 2 Physics
Award: At least 19 Level 3 credits, which are mainly externally assessed Achievement Standards.
Cost: \$30 approximately for a student workbook.

Description of the course:

This course further develops the skills and knowledge in the four topic areas covered at Level 2. This course should be taken by students contemplating Medical, Engineering, or Technology related degrees at university. There is no reassessment for the internally assessed tasks in this course.

CHILD DEVELOPMENT

Year 12/13 Child Development (12CHC)

Pre-requisite: 12 credits in Level 1 Science, or with HOD approval.
Award: Approximately 20 credits mostly at Level 3, some at Level 2. All internally assessed Unit Standards.
Cost: None

Description of the course:

This course introduces students to the principles of child care and early childhood development. Students are required to spend time working in a pre-school as part of their assessment. It is particularly suitable for students considering a tertiary course in early childhood or primary education.

SOCIAL SCIENCES

Geography, History, Travel and Tourism, Economics, Business Studies

Year 10	Year 11	Year 12	Year 13
Social Studies Business Studies Creative & Critical Thinking	Geography History Economics	Geography History Travel & Tourism Economics	Geography History Travel & Tourism Economics

Some Possible Future Pathways

Lawyer Social Worker Film Maker Town Planner
Historian Geologist Tourist Operator Diplomat
Sociologist Policy Analyst Teacher Archaeologist
Resource Management Museum Curator Researcher
Insurance Journalist Surveyor Marketing Economist
Retail Financial Advisor Banking Accountant

GEOGRAPHY

Geography is the study of interactions between the natural environment and cultural environment. Practical work and field trips are considered an essential part of Geography and all pupils are expected to go on the field trips.

Year 11 Geography (11GEO)

Pre-requisite:

None

Award:

21 Level 1 credits. All Achievement Standards, internally and externally assessed.

Cost:

\$50 approximately for trips.

Description of the course:

This is an interesting and varied course. You will study three major themes – Location, Population Studies in New Zealand, and the Sustainable Use of an Environment – Hauraki Gulf. Local and global studies of patterns and issues are included, and a wide range of geographic skills are taught. Research is a major part of the assessment programme. Two field trips are held each year – one to Tiritiri Matangi, the other to Town centres for the local research topic.

Year 12 Geography (12GEO)

Pre-requisite:

10 credits in Level 1 Geography, or with the HOD's approval.

Award:

19 Level 2 credits, including 3 external Achievement Standards, plus internal Standards.

Cost:

\$20 approximately for trips.

Description of the course:

Year 12 Geography develops further the skills covered in Year 11, and continues the main theme of human interaction with the natural and cultural environments. You will study three major themes: Natural landscapes - Amazon Tropical Rainforest, Urban Patterns of crime in Chicago and Global patterns of Social Media, and a wide range of geographic skills are covered. Research is a major part of the assessment programme. There is an urban field trip to neighbourhood parks to investigate the needs of Aucklanders.

Year 13 Geography (13GEO)

Pre-requisite:

10 credits in Level 2 Geography, or with the HOD's approval.

Award:

20 Level 3 credits, all Achievement Standards. A mix of external and internal assessment.

Cost:

\$200 approximately for trips.

Description of the course:

Year 13 Geography develops further the skills and concepts taught in Years 11 and 12. The main theme of Interaction continues, but the topics investigate key processes in more depth. You will study two major themes: Natural processes in the formation of Muriwai and Tourism in Rotorua. - Local and global studies of patterns and issues are included and a wide range of geographic skills taught. Research is a major part of the assessment programme. There are two field trips – a day trip to the Muriwai coastal environment, and an overnight trip to study Tourism in Rotorua. Geography can be picked up at Year 13, but students must be aware of the need to catch up on the geographic skills they have not learned.

HISTORY

History involves investigating past events, people, and issues that have shaped our modern world. We try to explain and assess the ideas and actions of people, and how they impact upon events, and develop the ability to perform critical research (gathering and presenting information).

Year 11 History (11HIS)

Pre-requisite: None
Award: 24 Level 1 credits. All Achievement Standards, with a mix of internal and external assessment.
Cost: None

Description of the course:

This course explores how our world has been shaped by people and events in the last 100 years. It focusses on why historical events occurred, and the perspectives of people involved, as well as when and what happened. Students will start to understand how we can learn from the past and hopefully not make the same mistakes again. The main topics are 20th Century Conflict which focusses on the two world wars and the Cold War, the fight for Black Civil Rights in the USA, and the key historical events affecting New Zealand's relationship with the rest of the world since 1945.

Year 12 History (12HIS)

Pre-requisite: 12 credits in Level 1 History, English, or Geography, or with the HOD's approval.
Award: 28 Level 2 credits from Achievement Standards. A mixture of internal and external assessment.
Cost: None

Description of the course:

This course is for those who want to further their knowledge about specific historical periods and events, develop their research skills, and their ability to present research information in imaginative and innovative forms. The two topics for study this year are Modern Terrorism: From the IRA to Al Qaeda, and Nuclear Age Standoff: Warfare in the Third World. In these topics we will study diverse subjects including secret CIA wars, the 1960s counter culture movement, and the Israeli – Palestinian conflict.

Year 13 History (13HIS)

Pre-requisite: 12 credits in Level 2 History, or similar success in English or Geography, or with the HOD's approval.
Award: 25 Level 3 credits. All Achievement Standards with a mix of internal and external assessment.
Cost: Costs for any field trips

Description of the course:

This course is for those who want to pursue History at a more analytical level. Assessment focusses heavily on research methodology and presentation. Students will examine the process of colonisation and de-colonisation in New Zealand, Asia, and Africa. A trip to 19th century battle sites in the Waikato may be offered, depending on student interest (approximately \$250).

TRAVEL AND TOURISM

Tourism and other related industries are growing rapidly around the world. Currently, tourism supports nearly one job in ten in New Zealand, with around 90,000 full-time equivalent jobs provided directly through tourism and an estimated 60,000 indirectly. This course will give you an introduction to tourism and allow you to find out about the possible careers you could pursue in the tourism, travel, and hospitality industries, both in New Zealand and overseas.

Year 12 Travel and Tourism (12TRT)

Pre-requisite: None
Award: Up to 26 Level 2 credits. All internally assessed Unit Standards.
Cost: Approximately \$15 for a trip to tourism sites in Auckland

Description of the course:

This course investigates several different aspects of the Travel and Tourism industry. It will involve completing a range of workbooks and assessments to complete the modules. The exact Unit Standards to be offered will depend on time available, and speed and efficiency of student work.

Year 13 Travel and Tourism (13TRT)

Pre-requisite: None
Award: Approximately 20 Level 3 credits are available. All internally assessed Unit Standards.
Cost: Approximately \$15 for a trip to tourism sites in Auckland

Description of the course:

This course investigates several different aspects of the Travel and Tourism industry. It will involve completing a range of workbooks, ebooks, and online assessments to complete the modules. The exact Unit Standards to be offered will depend on time available, and speed and efficiency of student work. It is important to note that this course does not contribute in any way towards University Entrance.

ECONOMICS

Pick up any newspaper or turn on the news and the page/broadcast will be full of economic concepts. Economics is a social science that studies individual people as well as businesses of all sizes. It seeks to understand how and why people make decisions when faced with limitless possibilities but only limited means. These decisions relate to what is produced, how it is produced and why we consume what we consume. Economics aims to explain how an economy works and how various sectors within society interact. Economic understanding can be applied in a wide range of areas in society such as business, finance, government, law, politics, crime, and healthcare. Economics comes alive when it is applied to real life situations – so an effort is made to make the course as realistic as possible. We examine the major economic issues facing NZ including unemployment, inflation, economic growth and how the government corrects mistakes made by businesses and individuals. The course is relevant to what is happening in the economy on a daily basis.

Studying Economics will give you many tools to understand the world around you, and may be invaluable for further studies as most commerce degrees require students to complete a number of Economics papers. This subject can lead to an interesting career in many different areas such as marketing, manufacturing, banking, insurance, investment, retail, and working for any number of governmental agencies.

Year 11 Economics (11ECO)

Pre-requisite: None
Award: 20 Level 1 credits. All Achievement Standards, a mix of internal and external assessment.
Cost: Approximately \$30 for a commercially-produced workbook

Description of the course:

This course is a great entry to Economics as it focuses on how consumers and producers make decisions, as well as giving an overview of how the economy works. Learning how markets operate is a primary goal of Level 1 Economics. Time is taken to understand the motives of both producers and consumers. Production methods, and how firms operate is also an important section of work.

Year 12 Economics (12ECO)

Pre-requisite: None
Award: 18 Level 2 credits. All Achievement Standards, a mix of internal and external assessment.
Cost: Approximately \$30 for commercially-produced workbook

Description of the course:

This course focuses on macroeconomic issues which are large scale issues which affect an entire economy. The course is based on New Zealand-based issues such as the causes and effects of inflation, international trade, and economic growth. The internal assessments have a focus on unemployment and government policies, which are extremely relevant in the current economic climate. Most of the issues discussed in Level 2 Economics are on the front pages of newspapers every day.

Year 13 Economics (13ECO)

Pre-requisite: Level 2 Economics, or with permission from the teacher in charge.
Award: 19 Level 3 credits. All Achievement Standards, a mix of internal and external assessment.
Cost: Approximately \$30 for commercially-produced workbook

Description of the course:

This course brings together an understanding of how an economy functions (macroeconomics), with how individual consumers and producers make decisions (microeconomics). It pulls together everything learned so far in Economics, and extends the understanding of how an economy operates even further. It is also not afraid to look critically at the assumptions made in the subject. Students may be offered the chance of a Commerce trip to Wellington. The cost of this trip will be based upon the cost of airfares and accommodation.

TECHNOLOGY

Design (Construction & Engineering), Graphics and Design, Digital, Food & Textiles

Year 10	Year 11	Year 12	Year 13
Design Technology	Construction Skills Engineering Practice	Construction Skills Engineering Practice	
Graphics & Design	Graphics & Design	Graphics & Design	Graphics & Design
Digital Technologies	Digital Technologies	Digital Technologies Int Computer Drivers Licence	Digital Technologies Int Computer Drivers Licence
Food Technology	Food & Nutrition	Food & Nutrition Hospitality	Food & Nutrition Hospitality
Textile Technology	Textile Technology	Textile Technology	Textile Technology

Some Possible Future Pathways

Software Developer Builder Animator Audio Engineer
Architect Chef Website Developer Fashion Designer
Electrician Nutritionist Graphic Artist Boat Builder
Robotics ICT Systems Engineer Food Technology
Teacher Product Designer Video Editor Welder

DESIGN TECHNOLOGY

Year 11 Construction Skills (11CON)

Prerequisite: Year 10 Design Technology and a history of responsible workshop practice, or with permission from Mr McKissock
Award: 20 Level 1 credits. A Unit Standard course that gives students the opportunity to gain a National Certificate in Building, Construction, and Allied Trade Skills (Level 1)
Cost: \$40 for course materials (may be reduced with STAR funding)

Description of the course:

This course is a demanding practically-based subject that involves students in the processes of designing and making products primarily with a wood base. Written research is a significant component of this course. Students will develop awareness of traditional and present day manufacturing techniques and principles. Practical outcomes will require students to develop knowledge of safety, materials, tools, and processes relating to their own practical outcomes. The course leads into the Level 2 National Certificate and provides a sound base for building and the construction industry.

Year 11 Engineering Practice (11EGN)

Prerequisite: Year 10 Design Technology and a history of responsible workshop practice, or with permission from Mr McKissock.
Award: 20 Level 1 credits. A Unit Standard course that provides students with the opportunity of attaining a National Certificate in Mechanical Engineering Technology (Level 1)
Cost: \$40 for course materials (may be reduced with STAR funding)

Description of the course:

This course is a demanding practically-based subject that involves students in the processes of designing and making products primarily with a metal base. Students are involved in the processes of designing and making. Written research is a significant component of this course. Students will develop awareness of traditional and present day manufacturing techniques and principles. Practical outcomes will require students to develop knowledge of safety, materials, tools, and basic engineering workshop techniques including, cutting, marking out, measuring, joining, assembly, and finishing, and processes relating to their own practical outcomes. The course leads into the Level 2 National Certificate and provides a sound base for the mechanical engineering industry.

Year 12 Construction Skills (12CON)

Prerequisite: A history of responsible workshop practice, or with permission from Mr McKissock.
Award: 24-30 Level 2 credits. A Unit Standard course that gives students the opportunity to gain a National Certificate in Building, Construction, and Allied Trade Skills (Level 2)
Cost: \$40 for course materials (may be reduced with STAR funding)

Description of the course:

This course is a practically based subject that follows on from Year 11 Construction Skills. It involves students in the processes of problem solving, designing, making, and theory related to the problem. The course develops students' awareness of the principles of design, and traditional and present day manufacturing techniques and principles in the workshop environment. All of this is set in a context of developing skills in safety and safe machine usage. The course provides students with a set of tertiary recognised qualifications.

Year 12 Engineering Practice (12EGN)

Prerequisite: A history of responsible workshop practice, or with permission from Mr McKissock. Students must be motivated.
Award: 24 -30 Level 2 credits. A Unit Standard course that provides students with the opportunity of working towards a National Certificate in Mechanical Engineering Technology (Level 2)
Cost: \$40 for course materials (may be reduced with STAR funding)

Description of the course:

This course is a practically based subject that will follow on from Year 11 Engineering Practice. It involves students in the processes of problem solving, designing, making, and theory related to the problem. The course develops students' awareness of the principles of design, and traditional and present day manufacturing techniques and principles in the workshop environment. All of this is set in a context of developing skills in safety and safe machine usage. The course provides students with a set of tertiary recognised qualifications.

Year 11 Graphics and Design (11GRA)

Prerequisite: Year 10 Graphics, or with permission from Mr McKissock
Award: 20+ Level 1 credits. All Achievement Standards, with a mix of internal and external assessment.
Cost: \$15 for course materials

Description of the course:

This is a course for students who wish to creatively explore design thinking, and who enjoy using visual communication to express themselves. It is expected that students will develop a range of drawing techniques that are associated with environmental design, technological design and media design. Students will select and use a variety of illustration and presentation techniques based on sketching and formal drawing skills. In this course there will be no external exam, rather students will be required to submit a portfolio of work. General presentation skills and an awareness of aesthetics and layout will assist them in presentation of all other course work. Students who are successful in this course may then undertake Level 2 Graphics.

Year 12 Graphics and Design (12GRA)

Prerequisite: Level 1 Graphics, or with permission from Mr McKissock
Award: 20+ Level 2 credits. All Achievement Standards, with a mix of internal and external assessment.
Cost: \$20 for course materials

Description of the course:

This is a course involved in design activities and specialised graphic work. The depth of work and level of understanding in this course requires students to analyse and evaluate design problems, whilst producing quality outcomes that are a result of creativity and design thinking. The outcomes are represented using a variety of drawing and presentation methods that will allow information to be communicated effectively. An extensive range of drawing skills will be taught to allow clear and precise communication of ideas. In this course there will be no external exam, rather students will be required to submit a portfolio of work. Students who are successful in this course may then undertake Level 3 Graphics.

Year 13 Graphics and Design (13GRA)

Prerequisite: Level 2 Graphics, or with permission from Mr McKissock
Award: 19 to 24 Level 3 credits. All Achievement Standards with a mix of internal and external assessment.
Cost: \$20 for course materials

Description of the course:

This course involves design activities and general graphic work in the same areas of study as Year 12, but with a focus of students directing their work in areas of self interest. The student is required to work with clients and present information using precise graphic communication techniques in a range of different modes and media. Students are expected to illustrate innovation and creativity with an understanding of the environmental, technological and marketing aspects of this subject. In this course there will be no external exam, rather students will be required to submit a portfolio of work. Students working in this subject at Year 13 often proceed through to tertiary courses in Spatial or Product Design.

DIGITAL TECHNOLOGIES

Facts – People with ICT skills are needed in the workplace

The jobs most in demand, according to the Seek jobs website, are in Information Technology (IT) and engineering.

Year 11 Digital Technologies Applications (11DTA)

Pre-requisite: Pass rate in at least two of the assessments in Year 10 Digital Technologies .

Award: Up to 20 Level 1 credits, with a mixture of internal and external assessment using Unit and Achievement Standards.

Cost: None

Description of the course

The Level 1 course is both interesting and challenging and builds on the knowledge and skills students gained in Year 10. Some of the aspects of technological practice explored include managing digital information, exploring ethical issues that relate to the use of digital information as well as investigating the key features of various applications such as Photoshop, InDesign, Scratch and the Microsoft Office Suite. Students will further develop their skills and knowledge using a variety of tools and techniques in Digital Information, Digital Media and, depending on the level of interest, Computer Programming. Students also learn how workers in the real world use research, planning and collaboration to create their outcomes.

Year 12 Digital Technologies Print (12DTP)

Prerequisite: Success in the Achievement Standards offered in Year 11 Digital Technologies.

Award: Up to 20 credits using Technology and Digital Technologies Achievement Standards assessments.

Cost: None

Description of the course:

This course may include learning from a range of topics such as digital image manipulation (Photoshop CS6), desktop publishing (Adobe InDesign CS6), database design and creation, and/or the adding more advanced features to screen based presentations. There will also be an opportunity for students to complete a **STAR** course in Computer Engineering to gain 10 Level 3 credits. There may be an opportunity during the year for students to complete a Computer Engineering Course outside school through an outside provider. Therefore, preference for entry will be given to students with a positive work ethic, a proven record of attendance and a genuine interest in computing.

Year 12 - International Computer Driving Licence (ICDL) <http://icdl.nz/>

Digital Technologies is pleased to announce the arrival of the ICDL. This is an internationally recognised qualification. It has been accessed by 13 million people from 150 countries and in 41 languages through a network of 24,000 testing centres. The demand for ICT skills is growing fast and combining technology skills that are in demand with communication skills in PR, advertising, and media communications looks impressive to employers. ICT jobs generally pay well and provide leadership challenges and opportunities that contribute to a satisfying tertiary experience and/or career.

Pre-requisite: One of the great things about the ICDL is that the course is open to all. The only requirement is the willingness to learn.

Award: Up to 19 credits at Level 2 and is aligned with NZQA Standards. This course internally assessed.

Cost: Free

Description of this course

This programme should be considered by all Level 2 students. Having improved levels of computer literacy will open doors to employment, universities, polytechnics and other courses. It is not just a course for those looking at careers in ICT. High achievers will find the ICDL a very useful qualification as it will pave the way towards rewarding careers or to successful academic pathways. Good ICT skills are no longer just useful, they are essential to life at university in this digital age. The ICDL course includes eight modules of learning including; computer essentials, word processing, spreadsheets, databases, presentations, use of online tools and IT security.

Year 13 Digital Technologies Web/Print (13DTP)

Prerequisite: Success in Achievement Standards offered in Year 12 Digital Technologies. Students must demonstrate a good understanding of the technological process and have used it successfully in past projects.

Award: Up to 20, Level 3 credits, using Technology and Digital Technologies Achievement Standards assessments.

Cost: None

Description of the course:

This is a project based course. Students must demonstrate the use of advanced features in at least two digital media applications to create the solution to a problem. Examples could include a website created using HTML5/CSS that incorporates images edited in Photoshop CS6; or a multi-page booklet created in InDesign CS6 that incorporates images edited in Adobe Photoshop CS6. Other combinations may be possible after negotiation with the HOD, provided they meet assessment criteria.

FOOD TECHNOLOGY

Food and Nutrition at all levels provides students with knowledge of human nutrition in order for students to make healthy food choices for themselves and others. Students learn a range of skills in food preparation and presentation, food safety, and management of resources. Students gain an understanding of the concepts of Hauora and how a range of factors influence wellbeing. Hospitality provides students with the opportunity to learn a range of practical food preparation and service skills to the standard required in the hospitality industry. It is an ideal course for those wanting to work in a food business.

Food at all levels enables students to develop an understanding of the factors that influence the well-being of individuals and families within the home and community. Students learn about current issues and theories of nutrition, identify and reflect on factors that influence people's choices and behaviours, and use this knowledge to make informed decisions. Students also learn how to cook and serve food and develop their creative skills. At the same time, they develop personal and interpersonal understandings and skills that contribute to well-being. Hospitality is focussed on the preparation, production, and service of food in a commercial environment. Students work through Unit Standards provided for the Hospitality Industry.

Year 11 Food (11FOD)

Pre-requisite: None
Award: 19 Level 1 credits. All Achievement Standards, internally and externally assessed
Cost: \$120 to cover all consumable items, plus workbooks and recipe books
Description of the course:

In this course students will learn safe food handling practices and strategies, learn to plan and prepare food to meet nutritional needs during adolescence, learn how different cultural practices have influenced eating patterns in New Zealand, and to analyse and evaluate nutritional information when making food choices. Students will gain skills in the correct and safe use of food preparation equipment and resources.

Year 12 Food (12FOD)

Pre-requisite: Level 1 Food or good literacy skills.
Award: 19 credits at Level 2. All Achievement Standards, internally and externally assessed
Cost: \$100 to cover all consumable items, plus workbooks and recipe books
Description of the course:

This is an academic course which aims to further develop students' knowledge of food and nutrition, to investigate the long term effects of eating patterns on health, and some of the factors impacting on the health status of New Zealanders. Students have the opportunity to develop their food preparation and management skills to a higher level, with a particular emphasis on food presentation.

Year 12 / 13 Hospitality ½ Year Semester Courses (12HSP and 13BAR)

Students CANNOT take the same course for both semesters. This is because the same Standards are repeated in each semester.

Hospitality (12HSP)

Pre-requisite: None
Award: 10 Level 2 credits. All Unit Standards provided by ServiceIQ
Cost: NONE: This course is STAR funded.
Description of the course: **As students gain Level 2 credits, preference will be given to Year 12 students.** This course is suitable for students who have an interest in following a career in the food service industry. It provides students with the opportunity to learn practical food preparation and service skills. Students can gain the hospitality qualification - Cookery Schools 2. Students will gain experience in catering situations and gain Unit Standard 167 which is needed for many casual job opportunities in the food industry and is a pre-requisite for all other level 2 ServiceIQ standards.

Barista (13BAR)

Pre-requisite: None
Award: 6 Level 2 credits and 5 Level 3 credits. All Unit Standards provided by MIT.
Cost: NONE: This course is STAR funded.
Description of the course: **As students gain Level 3 credits, preference will be given to Year 13 students.** This course is suitable for anybody wanting to find out more about coffee. Students learn how to use and care for a commercial barista machine, and to prepare different coffees and hot beverages for service. They also learn how to maintain personal presentation and to greet customers in the hospitality industry. Students who have completed Unit Standard 167 may study towards a Level 2 baking Unit Standard. (2 Credits)

Year 13 Food (13FOD)

Pre-requisite: Level 2 Food or good literacy skills.
Award: 19 Level 3 credits. All Achievement Standards, internally and externally assessed.
Cost: \$100 to cover all consumable items, plus workbooks and recipe books
Description of the course:

This is an academic course that continues to develop student knowledge and skills in all aspects of nutrition. A good level of literacy is required as students need to be prepared to read around the subject and to write detailed nutritional reports. Topics covered include a nutritional issue affecting New Zealand society, health promotion, media influences on food purchase, and the influence of multi-national food corporations on the well-being of New Zealanders. There is no emphasis on practical cookery. Credits from this course meet University Entrance requirements, and allow students to gain credits towards UE literacy.

TEXTILES TECHNOLOGY

Textiles Technology challenges students. Through learning good technological practice students work creatively and analytically to identify, trial, and evaluate potential solutions, and then put their ideas into practice. They are encouraged to show initiative, be innovative and creative, learn independently, and to take responsibility. Senior students are given the chance to push the boundaries by entering competitions such as Walk The Line, which is part of NZ Fashion Week.

Textiles Technology is involved in fabric design, textile art, fashion design, and theatre and interior design. BC students further their Textiles Technology studies at AUT, Unitec, Massey University, NZ Fashion Tech. and Toi Whāia.

Year 11 Textile Technology (11TXT)

Pre-requisite: Success in Year 10 Textile Technology, or with permission from Mrs Holmes
Award: 21 Level 1 credits. All Achievement Standards including internal and external assessment.
Cost: \$50, plus students need to provide fabric, patterns and notions for their chosen projects.

Description of the course:

The emphasis is on the design process which requires students to design a solution to a problem which includes research, investigations, and drawings before practical sewing of textile items/garments. Students must present a portfolio or visual diary, as well as practical work. The course would appeal to students interested in fashion and design, who have creative flair and are independent workers. There is a focus on using and adapting commercial patterns.

Year 12 Textile Technology (12TXT)

Pre-requisite: Success in Year 11 Textile Technology, or with permission from Mrs Holmes
Award: 20 Level 2 Achievement Standard credits +3 Level 2 Industry Unit Standards credits. Both internal and external assessment.
Cost: \$50, plus students need to provide fabric, patterns and notions for their chosen projects.

Description of the course:

The main unit titled 'Collective' involves working in your own chosen group to create a cohesive collection of garments. This requires careful planning and conceptual drawing and ideas, but will bring a sense of fun and belonging to the course. Group and individual research is an integral part of the planning. You will be encouraged to think creatively and practical emphasis will be on advanced skills and working with high quality fabrics to produce high quality outcomes. In the second unit titled 'Blank Canvas' you will be inspired by influential designers, Alexander McQueen and Jun Takahashi, to adapt patterns to create a white on white wearable art creation! Emphasis is on the design process and the development of practical skills. Students' written work is presented in a visual diary or portfolio. Students work through the technological process of brief development planning, development, and evaluation of outcomes.

Year 13 Textile Technology (13TXT)

Pre-requisite: Success in Year 12 Textile Technology, or with permission from Mrs Holmes
Award: 24 Level 3 credits. All Achievement Standards with internal and external assessment.
Cost: \$50, plus students need to provide fabric, patterns and notions for their chosen projects.

Description of the course:

This course relies on students being self-motivated and organised. It builds on the skills learnt in Year 12 Textiles. Learning to draft a pattern to interpret a design is one of the key practical components when students will work with Don Hellier from Pattern Architects. Practical skills will involve implementing complex procedures so that the boundaries can really be pushed to create high quality garments. One unit will involve delving into the historical reasons for wearing black clothing, and to research why black is so iconic for New Zealanders. The unit studied is titled 'Black in Fashion'. This will then lead students into developing a brief of their chosen streetwear sub-culture. They will each choose a sub-culture to research and make chosen garments to fit the theme. The ability to work independently is important and a high level of creativity will be encouraged. Students must present a visual diary which clearly follows the technological process.

GATEWAY

This is a government funded programme for Year 12 and 13 students. It is designed to strengthen the path from school to work, and to help students to make well informed choices for tertiary education.

Gateway does not take place in an option line – you do the Gateway programme as an extra to your timetabled classes. You do have the chance however to gain significant credits through the courses and work placements involved in the Gateway programme.

Prerequisite: To be accepted for this course, students must:

- have full parental support to take on this course
- have an excellent attendance and punctuality record
- have strong interests in 2 or 3 potential areas of work
- be committed to completing any additional coursework
- show enthusiasm and commitment for the chosen work placement

Award: Students are expected to gain approximately 20 Unit Standard based credits from their Gateway experience and industry related courses.

Cost: None

Description of the course:

Completing the Gateway programme has helped many students to establish good employment skills and work ethics, to make valuable contacts with potential employers, and in some cases to be offered fulltime employment.

The programme provides students with 10 - 20 days of work placement in an area of their choice. Students can work in a wide range of industries. In the past this has included health, hospitality, retail, education, business, trades, sport, design, IT, and engineering. If you would like to find out more about the programme, talk to Mrs Jenkin or Mrs Morris in R2.

UNIVERSITY ENTRANCE (information correct at the time of printing)

The information below applies to New Zealand citizens and permanent residents wishing to study at a New Zealand university. International students wanting to study in NZ should contact the International Office at your preferred university. Universities are progressively introducing tougher entry criteria for their undergraduate courses. It is important to research your own course requirements for the university of your choice.

To gain admission to a degree course at a New Zealand university you must meet the **University Entrance Standard ("UE")**. This is as follows:

- NCEA Level 3 (minimum of 60 credits at Level 3 and 20 credits at Level 2)
- 14 credits at Level 3 or higher in **three different** subjects from the approved subject list
- **Numeracy requirement:** 10 credits at Level 1 or higher from specified Standards available through a range of subjects.
- **Literacy requirement:** 10 credits (5 in reading and 5 in writing) at Level 2 or higher available in a range of subjects.
or passing two specific Level 4 English for Academic Purposes Unit Standards.

Competitive Entry Courses

As well as UE you may have to obtain a particular "rank score" to gain entry to some universities and some courses. For example, entry to a Bachelor of Commerce at Auckland University may require a rank score of 180. Rank scores provide a means of ranking students based on their best NCEA results.

Calculating Your Rank Score

- You need to use your best 80 Level 3 credits. You then multiply:
- 4 points for each Excellence credit
- 3 points for each Merit credit
- 2 points for each Achieved credit

For example, Student A gained the following Level 3 credits.

At Excellence	12 credits	x 4	= 48 points
At Merit	23 credits	x 3	= 69 points
At Achieved	45 credits	x 2	= 90 points

Total Rank Score = 207 points

Other Requirements

- Some degrees have **subject "prerequisites"**. For example, to do Engineering at Auckland University you must have a certain level of achievement in Level 3 Maths and Physics.
- Entry into degrees such as Fine Arts, Design, and Architecture require a portfolio
- For degrees in Nursing and Teaching you will have to have an interview
- Make sure that you check the course requirements on the website of the relevant university.

Auckland University requires a combination of subjects from Table A ("**language rich**" courses) and Table B to study certain courses. Table A and Table B courses are as follows:

Table A	Table B
Art History	Accounting
Classical Studies	Biology
English	Calculus
Geography	Chemistry
History	Economics
Te Reo Maori or	Mathematics
Te Reo Rangatira	Physics
	Statistics

From 2016 **Auckland University** requires all undergraduate students to have passed an academic English language requirement. This means you must have gained a minimum of 17 credits in English at NCEA Level 2 or Level 3. If this is not achieved in Year 13 additional bridging assessments will need to be undertaken at the University.