

MASSEY HIGH SCHOOL

2016

Year 11

PATHWAYS PLANNER



MASSEY HIGH SCHOOL

Photograph taken from the Trig on Red Hills Road (2014)

THIS PATHWAYS PLANNER IS IMPORTANT

KEEP IT SAFE and have it available when you discuss your courses
with your Parents, Form Teacher, Deans and/or the Pathways/Careers staff.

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PATHWAYS SELECTION

The curriculum offered at Massey High School is designed to meet the needs of students with a wide variety of possible course selections.

Whatever the course selection, there is a clear expectation that students will commit themselves to serious, sustained effort.

Before you make your decision on the subjects that you would like to study in 2016, find out as much information as you can about NCEA courses, the requirements for NCEA at each level, University Entrance requirements, approved subjects, careers, etc. by

- Asking careers advisers, teachers, parents
- Asking questions in Academic Counselling Sessions
- Referring to the NZQA website www.nzqa.govt.nz
- Referring to university or other tertiary websites
- Looking at the Future Pathways displays on Thursday, 20 August at Massey High School.
- Finding out what subjects you will need now for the future training and education required for the careers you have thought about.

All Students at Years 11 are required to take **FIVE** Subjects, as follows

1	English
2	Mathematics
3	Science 101, 102 or Geography 101, 102 or a 2-semester Science or Science/Geography course (HOD approval required)
4, 5	Two other subjects from those offered at Year 11 level (NCEA Level 1) <i>[Note that one of these could also include a second 2-semester Science course.]</i>

Important Notes

1. You cannot study 2 subjects which have more than one achievement standard that is the same in each course. This applies to subjects such as Technology and Graphical Design subjects. Make sure that you look carefully at the listing of achievement standards to be offered in each subject.
2. We will do our best to provide you with your subject selections, but sometimes this is not possible because of timetabling or staffing. In that case your alternative subject/s may need to be used.
3. You must obtain signatures from the Head of Department/Teacher in Charge for your course selections.
4. Your subject selections will be checked by your Dean to ensure that you have made appropriate choices and that there is a good level of pathway coherency in your overall course selection.

PLANNING YOUR COURSE OF STUDY

Course selection for your upcoming year of study is not just about choosing a mix of subjects. It is not just about choosing subjects your mates are doing, or subjects that will be easier.

The really important thing about your course selection is that there is COHERENCY in the total package of subjects that you select.

COURSE COHERENCY

Course coherency means that the subjects you choose will fit together well to equip you for the individual pathway that you are embarking on. This means that when you leave school and begin work or further study you will already have been partly prepared for the sector of work or study you are entering.

Course coherency is more clearly understood by looking at the sectors of industry and enterprise that your school studies are leading you towards.

There are six sectors of industry and enterprise defined under the heading of Vocational Pathways.

VOCATIONAL PATHWAYS

Vocational Pathways have been initiated through the Ministry of Education following joint planning among government agencies and education, industry and employer representatives, to help students with course selection and career decisions and also to guide educational organisations in better programme design, and to improve the links between secondary and tertiary education and between education and employment.

The six different sectors of Vocational Pathways, as shown in the Vocational Pathways logo, are



Nearly all occupations fit into one of these six “sectors”. The six new Vocational Pathway sectors are designed to improve relevance of learning for students by indicating how their learning and achievement is valued by broad sectors of the workforce. Each has been colour coded for ease of recognition to help students, parents, whanau and teachers planning study programmes.

Within each sector a wide range of Level 1 achievement and unit standards are identified as “recommended” for that sector. At Level 2 there are “recommended” standards but also “sector-related” standards.

By considering your course selection for Year 11 in the light of the number of credits that are “recommended” for each Vocational Pathway sector, you can see how much coherency there is in the combination of subjects that are in your individual course selection.

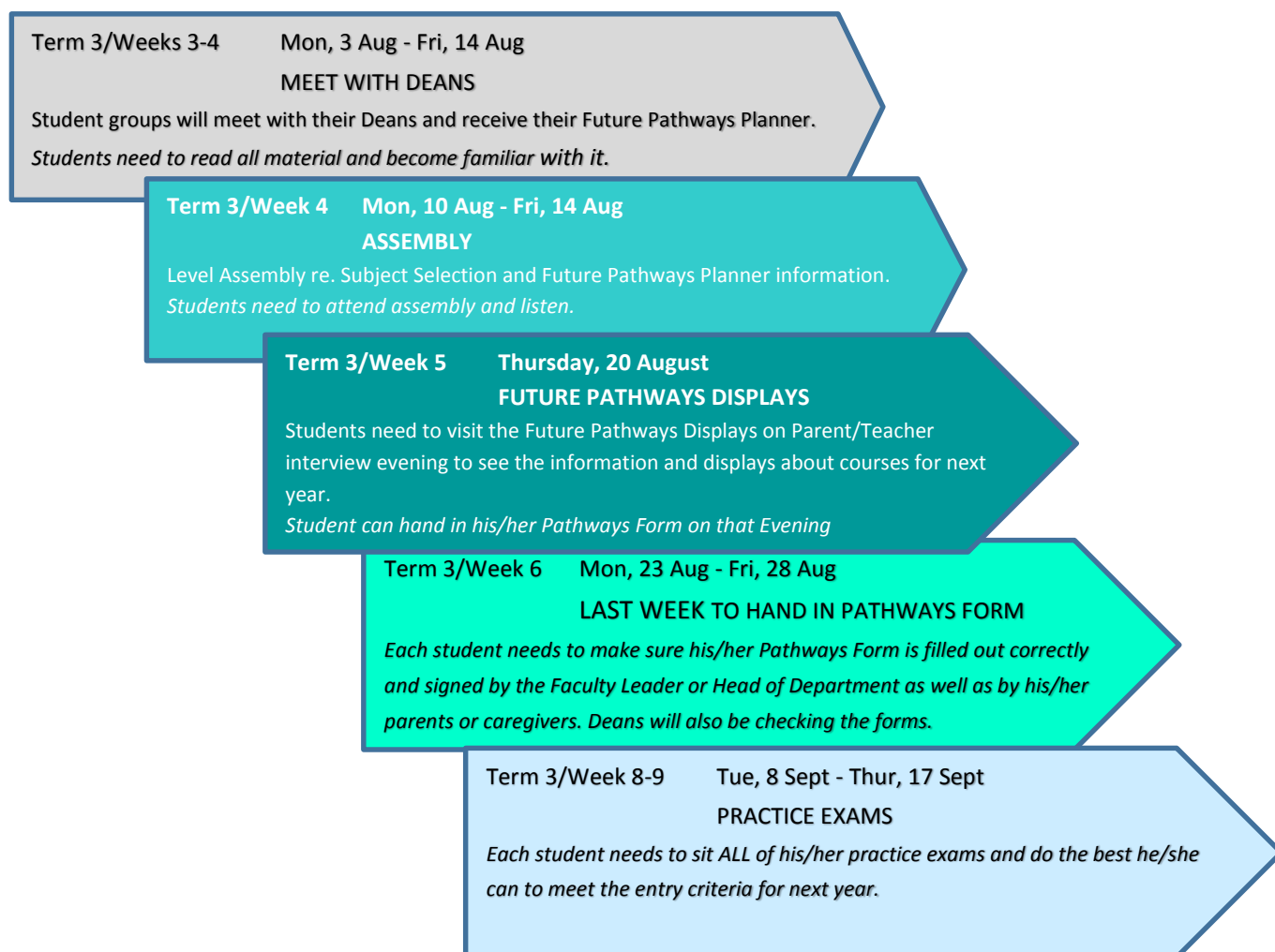
The intention is that a potential employer or tertiary provider can see that the student has made relevant, coherent option choices and is well prepared to be a valuable employee or successful tertiary student in their chosen vocational sector.

VOCATIONAL PATHWAYS AWARD

This will be gained if you

- Achieve NCEA Level 2
- Meet NCEA Numeracy and Literacy requirements (10 numeracy, 10 literacy L1 and above credits)
- Gain 60 Level 2 credits from recommended standards
- Including
- At least 20 Level 2 credits from sector-related standards e.g. Services Industries.

TIMELINE FOR CHOOSING COURSES & KEY DATES



PEOPLE YOU MAY NEED TO DISCUSS YOUR SUBJECTS WITH

Position	Name	Location
Careers Advisor	Mrs Bear	Careers Office
Careers Advisor	Mrs Moore	Careers Office
Level 1 Co-ordinator Year 11	Mrs Moore	Level Coordinators Office
Level 2 Co-ordinator Year 12	Miss van Waaijenburg	Level Coordinators Office
Level 3 Co-ordinator Year 13	Mr Fairley	Level Coordinators Office
Deans		
Anawhata Dean	Mr Farrington	Deans Office
Anawhata Dean	Miss Alatasi	Deans Office
KareKare Dean	Mr Ball	Deans Office
KareKare Dean	Mrs Haddon	Deans Office
Piha Dean	Mr Lambert	Deans Office
Piha Dean	Mrs Ashford	Deans Office
Te Henga Dean	Mr Van Niekerk	Deans Office
Te Henga Dean	Mrs Gaitau	Deans Office
Summit Programme	Miss Swan	Administration Block

You are also advised to talk to your current subject teachers regarding the subjects that will be available to you at Level 2 and Level 3 in the following years.

INDEX TO DEPARTMENTS AND PEOPLE YOU MAY NEED TO SEE

		See these teachers for information and/or approval regarding your subject choices.		
Department	Courses	Head of Faculty/Department and Subject Teachers	Location	Page
ART	Art 101	Mr Wrightson	A2	15
	Art Design & Photography 101	Mr Simej-Barton	A4	
COMMERCE	Accounting 101	Mr Fairley	C101	16-17
	Business 101	Mrs McDermott	C103	
	Economics 101	Mr Davy	C103	
COMPUTING & DIGITAL TECHNOLOGY	Computer Science 101	Mr Godfrey	C206	18-19
	Digital Information 101	Ms Morrow	C205	
DANCE	Dance 101	Ms Waters	Movement Studio	20
DESIGN AND VISUAL COMMUNICATIONS	Design & Visual Communication 101	Mr Cooper	F4	21
DRAMA	Drama 101	Mr Clendon	DR3	22
ENGLISH	English 100/101	Ms Carryer	C Block Office	23-24
	English 102			
ESOL and INTERMEDIATE ENGLISH	Pre-Intermediate English 3	Mr Brodie	P12	25
FABRIC TECHNOLOGY	Fabric Technology 101	Mrs Van Westrene	T201	26-27
	Year 11 Fashion Pre-Academy			
FOOD TECHNOLOGY & HOSPITALITY	Food Technology 101	Mrs Crawford	T101	28
	Hospitality 103	Mrs Hanson	T102	
LEADERSHIP	Leadership 101	Ms Swan	Admin Block	30
HEALTH & PHYSICAL EDUCATION	Health 101	Mrs Latu [Health] Mr Taurua [PE] Mr Curran [Sports Aca]	P15	31-34
	Health/Physical Edu. 101		Jack Adam Gym	
	Physical Education 101		Jack Adam Gyn	
	Sports Academy 101			
INTERNATIONAL LANGUAGES	Chinese 101	Mr Gines	L2	35-37
	French 101			
	Japanese 101			
	Samoan 101			
	Spanish 101			
MAORI LANGUAGES & STUDIES	Te Reo Maori 101	Whaea Ngahiriwa Taitin	WH2	38-40
	Te Reo Tihi 321			
	Maori Performing Arts 321			
MATHEMATICS	Mathematics 101	Mrs Knox	D202	41
	Mathematics 102	Mrs Triggs	D203	
MEDIA STUDIES	Media Studies 101	Mrs Dower-Crudon	AV1	42
MUSIC	Music 101	Mr Flyger	M1	43
RESISTANT MATERIALS	Technology 101	Mr Dainty	T202	44-45
	Metal Technology 103			
	Building 103			
	Engineering Pre-Academy			
SCIENCE	Biology 101	Mrs Skevington	S106	46-50
	Chemistry 101	Mr Yin	S301	
	Human Biology 101	Mrs Skevington	S106	
	Physics 101	Mr Francis	S206	
	Science 101	Mr Hackett	S307	
	Science 102	Mr Hackett		
SOCIAL SCIENCES	Geography 100	Ms Butcher	B104	51-53
	Geography 101	Ms Butcher		
	Geography 102	Ms Butcher		
	History 101	Miss van Waaienburg	B204	
	History 102	Miss van Waaienburg		

NCEA INFORMATION

The National Certificate of Educational Achievement (NCEA) is New Zealand's national school qualification.

A selection of achievement and/or unit standards is studied in each subject, with each standard being worth a set number of "credits". The standards offered in each subject are listed later in this booklet.

Under NCEA students can be assessed through both external examinations and internal assessment. Some courses have no external examinations, and some have up to 3 achievement standards assessed in external examinations.

Both internal assessment results as well as external examination results contribute credits towards NCEA and other qualifications on the NQF. There are rigorous external moderation checks to ensure that internal assessments are done fairly and consistently across New Zealand schools.

Achievement Standards -For every achievement standard, the student result will be Achieved, Merit, Excellence or Not Achieved. A student who receives Achieved, Merit or Excellence will gain the credits for that achievement standard. The number of credits for each standard does not increase if a student achieves Merit or Excellence, but Merit and Excellence results, especially at Level 3, are likely to have a significant effect on whether or not a student is eligible to enter certain university courses. (See the later section on "Rank Scores".)

Unit Standards - For every unit standard, students will receive either Achieved or Not Achieved.

The credits for unit standards count toward NCEA in the same way that credits for achievement standards do.

CERTIFICATE AND COURSE ENDORSEMENT

To attain **NCEA Level 1** you will need to gain **80 credits at Level 1 or above**, including **10 Literacy and 10 Numeracy credits** as noted on the next page.

For Level 2 NCEA the requirement is 60 credits at Level 2 or above and 20 more from any level.

For Level 3 NCEA the requirement is 60 credits at Level 3 or above and 20 more from Level 2 or above.

(The 10 Literacy and 10 Numeracy credits required for Level 1 NCEA are also required for Levels 2 and 3 NCEA)

Your NCEA can also be endorsed with Merit or Excellence as detailed below, and students who perform exceptionally well in individual courses are able to gain an Excellence or Merit course endorsement in those individual courses. (The courses are defined by NZQA based on the structure of each course at each individual school.)

NCEA endorsed with Merit

50 credits at Merit, or at Merit and Excellence
(Can be gained over more than one year)

NCEA endorsed with Excellence

50 credits at Excellence level.
(Can be gained over more than one year)

NCEA course endorsement

14 or more credits at Merit or Excellence in the course.
At least 3 credits from externally assessed standard and 3 from internally assessed standards in the course.*

**Exceptions to this requirement are Physical Education and Level 3 Visual Arts.*

LEVEL 1 LITERACY AND NUMERACY

Students need to gain 10 literacy credits and 10 numeracy credits as a requirement for NCEA Levels 1, 2 and 3.

Level 1 Literacy credits are now able to be gained through a range of subjects other than just English and Te Reo Maori.

Level 1 Numeracy credits are now able to be gained through a range of subjects other than just Mathematics. Those subjects in which credits gained can contribute to Literacy and Numeracy are clearly indicated in this Pathways Planner within the tables indicating standards and credits available.

USE CREDITS FROM YOUR PORTFOLIO TO GAIN MORE THAN ONE QUALIFICATION

NCEA enables students to use their credits for more than one qualification. As you gain credits they may qualify for a number of different National Certificates. The credits can often be used more than once depending on what qualification you need them for.



Student's credits are updated on the School database [Kamar]. Students can also access their Record of Learning from the NZQA website [[http //www.nzqa.govt.nz/login/](http://www.nzqa.govt.nz/login/)]. Students will need their National Student Number to access this information online.

National (New Zealand) Certificates

You may be able to work on National Certificates as well as NCEA while at school.

This means you get credits towards NCEA and can work towards a National Certificate at the same time.

(These certificates are being renamed as New Zealand Certificates when reviewed.) Examples are

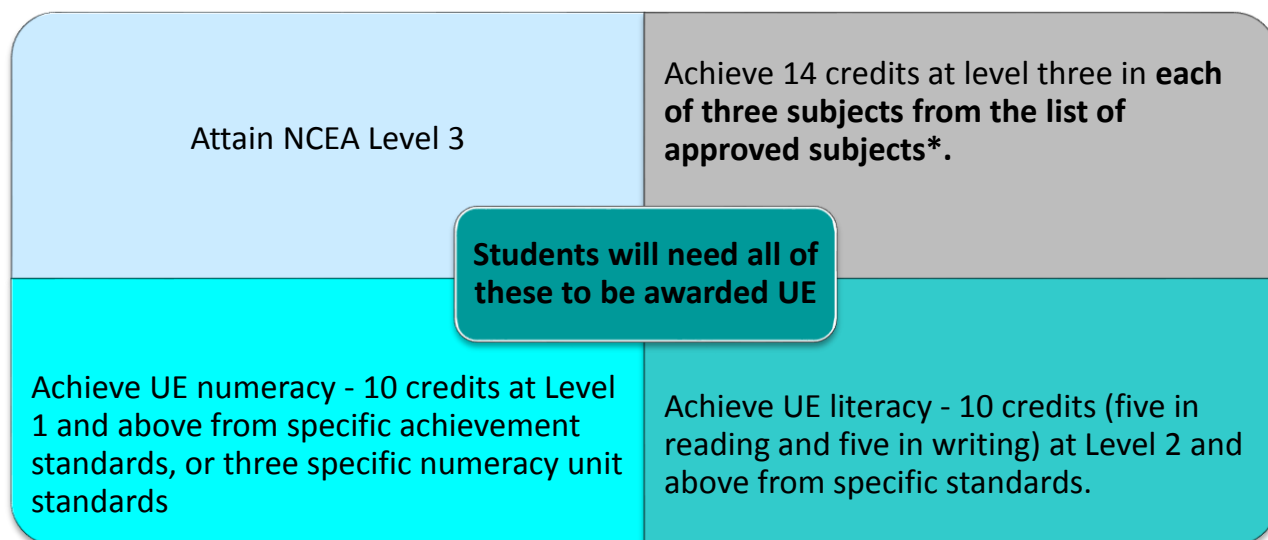
- National Certificate in Building and Construction and Allied Trades
- National Certificate in Business Administration and Computing
- New Zealand Certificate in Computing
- National Certificate in Employment skills
- New Zealand Certificate in Hospitality
- New Zealand Certificate in Tourism

SCHOLARSHIP

Year 13 students are able to enter the New Zealand Scholarship Award; this is done in consultation with Massey High School staff. See NZQA website for further information (www.nzqa.govt.nz).

UNIVERSITY ENTRY REQUIREMENTS

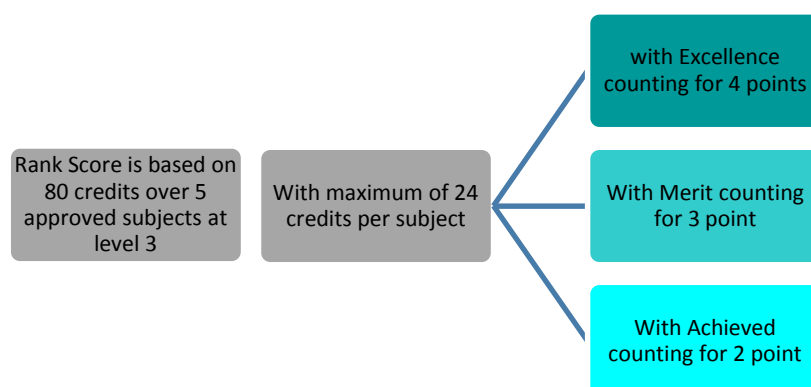
The basic qualification for entry to a degree course at a New Zealand university is known as “University Entrance”, abbreviated to UE.



*A current list of "[approved subjects](#)" for University Entrance is available on the NZQA website. Those Level 3 subjects are also identified by a ● in the Massey High School 2016 Subject Listing in this Planner.

RANK SCORE

Many limited entry courses at universities require more than the “University Entrance” requirements listed above. A sufficiently high **rank score** as detailed below is required in addition to University Entrance for such courses.



For example, 80 credits at Achieved level equates to a rank score of 160.

Note that the basic UE requirement of 60 Level 3 credits at Achieved level equates to a rank score of only 120 and that is only if all the subjects are approved.

Non-approved subjects do not count towards a rank score, so you are strongly recommended to take courses offering achievement standards and more specifically subjects that are “approved” for University Entrance.

Rank Score requirements for various universities - The details on the next page are based on information currently available at the time of publication of this booklet and are subject to change along with the new UE requirements.

<p>Auckland University</p>	<p>All courses are limited entry courses with rank score requirements ranging from 150 to 280 depending on area of study/degree chosen. Also from 2016 students with NCEA results must have a minimum of 17 credits in English (not literacy from other subjects) at Level 2 and/or Level 3 or must undertake a 4 credit course in academic English in their first year of study at Auckland University.</p> <p>Auckland University also has specific Level 3 subject combination requirements for some courses, where subjects from the following tables are required.</p>	
	<p>TABLE A</p> <p>Classical Studies English Geography History History of Art Te Reo Maori OR Te Reo Rangatira</p>	<p>TABLE B</p> <p>Accounting Biology Calculus Chemistry Economics Mathematics* Statistics Physics</p> <p><i>*Cannot be combined with Calculus</i></p>
<p>Massey University</p>	<p>Rank score of 140 is required for all courses.</p>	
<p>Victoria University</p>	<p>Requires a rank score of 150 for all courses except Architecture and Building Science which require rank scores of 180.</p>	
<p>Canterbury University</p>	<p>Rank score of 150 for preferential entry</p>	
<p>Otago University</p>	<p>Rank score of 140, or Level 2 with Merit or Excellence endorsement, or accepted into a residential college.</p>	
<p>AUT, Unitec, Lincoln, Waikato</p>	<p>Require just UE except for some courses (check prospectus for more information).</p>	

PLANNING AHEAD FOR TERTIARY STUDIES

If you are planning to study at university it is recommended that you plan towards taking for Year 13 a minimum of **4 subjects** from the **approved list**, or **5** if you will be looking at a limited entry programme at one of the universities referred to above. Information from university websites will give more specific requirements for entry to each particular university.

Credits for the university entrance and rank score requirements can be accumulated **over more than one year**.

The above information regarding tertiary requirements and your subject needs for Levels 2 and 3 is very important to consider as you proceed with your subject selections for Level 1 in 2016. Also, the careers information on the following pages is a valuable resource as you consider your future career pathway.

CAREER'S INFORMATION RELATING TO SUBJECT CHOICE

The information in following table has been provided by the Career's Department. The table extends over five pages, and shows the subjects necessary or highly recommended for the pathways and careers listed.

If you have a strong wish not to take a recommended subject, see a Careers staff member to see if there is any possible exception or alternative!

CAREER	YEAR 11	YEAR 12	YEAR 13
Apprenticeships Many, including Building, Motor Mechanics, Plumbing and Carpentry	English Maths	English Maths (for electrical and electronic options)	
Army, Navy, Airforce Most trades require	Maths English, Science	Maths English & a Science subject	
Architecture	Maths Science, Art &/or Graphics 1 of History, Geo or English	Art &/or Graphics English 1 of Art History Classics History Geography English 1 of Calc, Stats & Modelling, Physics or Economics	Auckland Uni Art & or graphics 1 of English Geo, History, Art History, Classics + 1 of Calculus, Stats&Modelling, Physics, Eco, Chem, Bio or Acc. Portfolio of work is required. Victoria Uni Maths plus Physics, Art, Design or Technology, Graphics, English recommended. Unitec Art or Graphics recommended & portfolio of work.
Architectural Drafting Technology	Maths English	English	English
Art/design	Art	Art Photography Design Art History (useful)	Painting Photography Design Art History (useful)
Arts degrees	Any of English, History Geo, Languages, Maths, Music etc	Any of English, History, Geo, Languages, Maths, Music, Art History etc	Any of English, History, Art History, Classics, Geo, Maths, Languages, Music etc

CAREER	YEAR 11	YEAR 12	YEAR 13
Commerce Degrees Accounting and Economics can be started at University however studies are easier if these subjects have been studied at school.	Maths English	Maths English	Auckland Uni Maths if majoring in Economics otherwise any 3 of Classics, English, History, Art History, Accounting, Geo, Bio, Chem, Calc, Stats, Physics or Economics Other Universities Rank score and UE – no specific subjects required.
Commerce NZ Dip Bus	English Accounting Economics	Commerce subjects NCEA credits @ level 2	
Communication studies/journalism	English	English	AUT rank score + approved subjects and two of English, Geography, History, Classics, Art History, Media, Drama or Health.
Computing	English Maths	English Maths Computing not essential but useful	Calc or Stats & Modelling, Computing not essential but useful
Dentistry	Maths Science English	Biology Chemistry Physics Maths English	Biology Chemistry Physics Stats or Calc. English
Engineering NZ Diploma Technicians Training	Maths Science English	Maths Physics English	Calc or Stats & Modelling,
Engineering Degree Level 3 credits in Calculus and Physics Selection required for Yr 2 at Auckland Uni.	Maths Science English	English Maths Physics Chem (useful)	Calculus Physics Chem (useful)
Fashion Design	Fabric tech.	Fabric tech.	Fabric tech.
Food Technology Massey (Albany)	Science Maths	Physics Chem Maths	Physics Chem Maths (Calculus)
Food/chef	English Home Ec/Hosp.	English Hospitality	
Hospitality Management	Any	Any	Any
Landscape Design	Art Hort (may be useful)	Art Design Hort (may be useful)	Art Design Hort (may be useful)
Law	English Maths	English	No specific subjects required

CAREER	YEAR 11	YEAR 12	YEAR 13
<p>Medicine (Health Science) Students should consult Careers Dept before choosing their Year 13 course. For Auckland – students must take one of Classics, English, Geo, History, Art History and 1 of Biology, Chemistry, Physics, Economics, Accounting, Calculus or Statistics. A recommended course includes Chemistry, Biology, Physics, Stats & Modelling and one other subject. For Otago – Chem, Bio, Physics, Stats or Calc and English are recommended but not compulsory. There is an English diagnostic test in the first year.</p>	<p>Maths Science English</p>	<p>Biology Chemistry Physics Maths English</p>	<p>Biology Chemistry Physics Stats & Modelling & English or Geo or History or Art history or Classics</p>
<p>Medical Laboratory Science</p>	<p>Maths Science</p>	<p>Biology Chemistry Maths Physics English</p>	<p>Biology Chemistry Stats or Calc Physics English</p>
<p>Nanny</p>	<p>English</p>	<p>English Child development (useful)</p>	
<p>Nursing</p>	<p>Science Maths</p>	<p>Biology or another Science Maths English</p>	<p>AUT, one of Biology, Chem, Science, Physics, Stats or Calc plus one of Classics, Drama, Te Reo, English, Geography, Health, History, Art History or Media. Auck Uni – one of Bio, Chem and Physics and one of English, Geography, Classics, History, or Art History</p>
<p>Occupational Therapy</p>	<p>Science Maths English</p>	<p>All subjects are useful, particularly health related subjects.</p>	<p>All subjects are useful, particularly health related subjects.</p>
<p>Performance Music</p>	<p>Music</p>	<p>Music</p>	<p>Music</p>
<p>Performing Arts</p>	<p>Drama English</p>	<p>Drama English</p>	<p>Drama English</p>
<p>Pharmacy – Otago</p>	<p>Science Maths English</p>	<p>Biology Chemistry Physics Maths English</p>	<p>Biology Chemistry Physics Stats or Calc English</p>
<p>Pharmacy – Auckland</p>	<p>Same as above</p>	<p>Bio and Chem</p>	<p>Bio and Chem</p>

CAREER	YEAR 11	YEAR 12	YEAR 13
Physiotherapy – AUT	Maths Science	Some Science Advisable	Bio, Chem, Physics useful
Physiotherapy – Otago	Maths Science English	Chemistry Biology Physics Maths English	Chemistry Biology Physics Stats or Calc English
Physical Education Degree	English Maths	English Sports Science (useful)	English Phys Ed (useful)
Pilot – Airforce Training	Maths Science English	Maths Biology, Chemistry or Physics English	Maths Biology, Chemistry or Physics English
Police	English Maths	English (level 2 credits) Maths	Any
Science degrees	Science Maths	Any of Bio, Physics, Chemistry, Maths, Geo, Computing, Sports Science	Any of Bio, Physics, Chemistry, Maths, Computer Sci, Geography, Phys Ed
Social Work	Any	Any	Any
Sport and Recreation	Any	English Biology (helpful) PhysEd	English Biology (helpful) An interest in sport PhysEd (useful)
Teaching			
Primary	Maths Science English	English	At least 4 level 3 subjects from approved list
Early Childhood	Maths Science English	English	At least 4 level 3 subjects from approved list
Secondary	Depends on area of study	Depends on area of study	Depends on area of study
Travel Agent	Any	Any Tourism & Travel (useful)	Any
Veterinary Science	Maths Science	Chemistry Physics Biology Maths English	Chemistry Physics Biology Stats or Calc English

SUBJECT INFORMATION

The following pages contain the specific information and listings of standards and credits available for each Level 1 subject offered at Massey High School for 2016.

While this information is as accurate as possible at the time, any minor adjustments to the standards listed or credits available will be notified to students as early as possible after the start of each course.

2016 MASSEY HIGH SCHOOL SUBJECTS

SUBJECT AREAS	YEAR 9	YEAR 10	LEVEL 1 / YEAR 11,12	LEVEL 2 / YEAR 12,13	LEVEL 3 / YEAR 13	
COMPULSORY SUBJECTS	CORE	English, Mathematics Science, Social Studies Health & Physical Ed	English, Mathematics Science, Social Studies Health & Physical Ed	English, Mathematics Geography or Science (including Semester Sciences)	English	
	OPTIONS	Arts (<i>Art, Dance Drama, Music</i>) Language (<i>Chinese, ESOL, French, Japanese, Samoan, Spanish, Te Reo Maori</i>) Technology (<i>Business, Fabric, Food, Graphics, Hard Materials, Digital Technology</i>)	Arts (<i>Art, Advanced Art, Dance Drama, Music, Advanced Music, Maori Performing Arts</i>) Technology (<i>Digital Technology, Fabric, Food, Graphics, Metal, Wood</i>) Plus 1 other subject	Plus 2 other subjects	Plus 4 other subjects	5 subjects
VISUAL ARTS	Art	Art Advanced Art	Art 101 Art Design & Photography 101	Art 201 Art 202 ■ Art Design 201 Art Photography 201	Art Design 301 ● Art Photography 301 ● Art Painting 301 ●	
COMMERCE	Business Technology	Accounting & Enterprise Economics & Enterprise	Accounting 101 Business 101 Economics 101	Accounting 201 Business 201 Economics 201	Accounting 301 ● Business 301 ● Economics 301 ●	
COMPUTING & DIGITAL TECHNOLOGY	Digital Technology	Digital Technology Advanced Digital Technology	Computer Science 101 ▲ Digital Technology 101 ▲	Computer Science 201 Digital Technology 201 Computer Studies 203 ■	Computer Science 301 ● Digital Technology 301 ● Digital Media 301 ■ Computer Studies 303 ■	
DANCE	Dance	Dance	Dance 101	Dance 201 & Academy ▲	Dance 301 & Academy ●	
DESIGN & VISUAL COMMUNICATION	Graphics Technology	Design & Visual Comm	Design & Visual Comm 101	Design & Visual Comm 201	Design & Visual Comm 301 ●	
DRAMA	Drama	Drama	Drama 101	Drama 201	Drama 301 & Academy ●	
ENGLISH	English	English	English 100, 101 English 102 ▲	English 200, 201 English 203 ▲	English 300 ●, 301 ●, 302 ▲ English 302E ▲	
		IENGL 1 (ESOL)	IENGL 2	← IENGL 3, 4, 5	Pre-Intermediate to Upper Intermediate English ■ →	
FOOD AND FABRIC	Fabric Technology Food Technology	Fabric Technology Food Technology	Fabric Technology 101 Food Technology 101 Hospitality 103 ■ Pre-Academy Fabric 123 ▲	Material Tech 201, 233 ▲ Food Technology 201 Hospitality 203 ■	Material Tech 301 ●, 233 ▲ Food Technology 301 ● Hospitality 303 ■	
HEALTH AND PHYSICAL EDUCATION	Health Physical Education Sports Science Sports Academy	Health Phys Ed Sports Science Sports Academy	Health 101 Health/PE 101 Phys Ed 101 Sports Academy 101	Health 201 Phys Ed 201 Sports Academy 201	Health 301 ● Coaching 303 ■ Phys Ed 301 ● Sports Academy 301 ●	
INTERNATIONAL LANGUAGES	Chinese, French, Japanese, Samoan, Spanish	Chinese, French, Japanese, Samoan, Spanish	Chinese 101, French 101 Japanese 101, Samoan 101, Spanish 101	Chinese 201, French 201, Japanese 201, Samoan 201, Spanish 201	Chinese 301 ● French 301 ● Japanese 301 ● Samoan 301 ● Spanish 301 ●	
TE REO MAORI	Te Reo Maori Te Reo Mahana (Bilingual)	Te Reo Maori Te Reo Mahana (Bilingual) Maori Performing Arts	Te Reo Maori 101 Te Reo Tihi 321 Maori Performing Arts 321	Te Reo Maori 201 Te Reo Tihi 321 Maori Performing Arts 321 ■	Te Reo Maori 301 ● Te Reo Tihi 321 Maori Performing Arts 321 ■	
MATHEMATICS	Mathematics	Mathematics	Mathematics 101, 102	Mathematics 200, 201, 213	Maths with Calculus 301 ● Stats & Modelling 301 ● Mathematics 301 ●, 302 ● Mathematics 322 ●	
MEDIA		Media Studies	Media Studies 101	Media Studies 201	Media Studies 301 ●	
MUSIC	Music	Music Advanced Music	Music 101	Music 201 Music 202 (Technology)	Music Studies 301 ● Making Music 301 & Academy ●	
RESISTANT MATERIALS	Resistant Materials Technology	Materials Technology (Metal) Materials Technology (Wood)	Engineering Academy 103 ■ Metal Technology 103 ■ Building 103 ■ Resistant Materials 101	Automotive Engineering 203 ■ Furniture Construction 203 ■	Carpentry 303 ■	
SCIENCE	Science	Science	Science 101 Science 102 Semester Sciences: any 2 or 4 of Ast, Bio, Chem, Phys, HBio	Science 201, Science 202 Biology 201, 202 Chemistry 200, 201, 202 Physics 201, 202	Science 301 ●, 302 ● Biology 301 ●, 302 ● Chemistry 301 ● Physics 301 ●, 302 ●	
SOCIAL SCIENCES and HUMANITIES	Social Studies Leadership (option) Philosophy (option)	Social Studies Leadership (option)	Geography 100 (1 semester), Geography 101, 102 History 101, 102 Leadership 101 ▲	Geography 201, 202, 203 History 201, 202, 203 Classical Studies 201 Tourism 203 ■	Geography 301 ●, 302 ●, 313 History 301 ●, 302 ●, 312 ● Classical Studies 301 ● Tourism 303 ■	
AUCKLAND WEST VOCATIONAL ACADEMY (AWVA)	The Auckland West Vocational Academy offers secondary/tertiary courses for senior students from Massey High School as well as from other schools.			Academies include Automotive, Business/Computing, Carpentry, Civil Construction & Infrastructure, Early Childhood, Electrotechnology, Engineering, Fashion & Beauty, Health, Hospitality & Tourism		

Key: ● UE Approved Subject (Level 3) ▲ Course includes one or more Unit Standards ■ Course is all Unit Standards August 2015

ART101 – Art 101

BRIEF DESCRIPTION OF THE COURSE

Students are guided to develop a common visual theme using various art mediums with a concentration on drawing, painting and some printmaking. The exercises develop their observation, recording, research and personal technique. Internally assessed exercises are used as a basis to produce finished work for the external folio submission.

PRIOR STUDY REQUIRED / PREFERRED

Year 10 Art course or a drawing test set by the HOD Art to determine entry.

COST / EQUIPMENT

\$45 materials fee, which includes the cost of materials for the folio submission. Additional art equipment required includes A3 art case, drawing tools etc.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90913	4	1	Practical Art	Demo. understanding of art works from Maori and other cultural contexts using art terminology	I	4	4	-
AS 90915	2	1	Practical Art	Use drawing conventions to develop work in more than one field of practice	I	6	-	-
AS 90914	3	1	Practical Art	Use drawing methods and skills for recording info. using wet and dry media.	I	4	-	-
AS 90916	3	1	Practical Art	Produce a body of work informed by established practice, which develops ideas, using a range of media	E	12	-	-
Total Number of Level 1 Credits Available in this Course (includes 12 external credits)						26	4	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	
Service Industries	4
Social and Community Services	
Creative Industries	26

ADP101 – Art Design and Photography 101

BRIEF DESCRIPTION OF THE COURSE

This course provides an introduction to approaches that are used in senior Art Photography and Art Design courses. Students will learn how to use digital SLR cameras and Photoshop. They will explore various conventions of establish practice in Design and Photography and develop visual ideas through practical assignments.

PRIOR STUDY REQUIRED / PREFERRED

Year 10 Art would be an advantage.

COST / EQUIPMENT

\$60 course fee provides students with a \$40 credit for digital printing as well as use of school cameras and photographic materials. A3 ring binder. A3 Clear File, A3 art block, coloured pencils, fine tip pigment pens (x3)

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91310	2	2	Practical Art	Use drawing to apply knowledge of conventions appropriate to design.	I	4	-	-
AS 91315	2	2	Practical Art	Develop ideas in a related series of drawings appropriate to established photography practice.	I	6	-	-
AS 90915	2	1	Practical Art	Use drawing conventions to develop work in more than one field of practice	I	6	-	-
AS 91312	2	2	Practical Art	Use drawing methods to apply knowledge of conventions appropriate to photography.	I	4	-	-
AS 91317	2	2	Practical Art	Develop ideas in a related series of drawings appropriate to established photography practice.	I	4	-	-
Total Number of Credits in this Course (includes 18 Level 2 credits)						24	0	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits Level 1	Sector Related Credits Level 2
Construction and Infrastructure		
Manufacturing and Technology		
Primary Industries		
Service Industries		
Social and Community Services		
Creative Industries	6	18

COMMERCE

ACC101 - Accounting 101

BRIEF COURSE DESCRIPTION

The course consists of two parts

1. Manage the financial affairs of individuals, whanau, and local small entities while acting with integrity
2. Make use of appropriate communication tools and skills to process, report and interpret financial information for individuals, whanau and local small entities.

PRIOR STUDY REQUIRED / PREFERRED

Previous study not required.

COST / EQUIPMENT

Students are required to purchase their own stationery (including a calculator) and five workbooks (\$8 each).

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90976	3	1	Accounting - Generic	Demonstrate an understanding of accounting concepts for small entities	E	3	3	-
AS 90977	3	1	Accounting - Generic	Process financial transactions for a small entity	I	5	-	-
AS 90978	3	1	Accounting - Generic	Prepare financial statements for sole proprietors	E	5	-	-
AS 90980	3	1	Accounting - Generic	Interpret accounting information for sole proprietors	E	4	4	-
AS 90981	3	1	Accounting - Generic	Make a financial decision for an individual or group	I	3	3	-
AS 90982	3	1	Accounting - Generic	Demonstrate an understanding of cash management for a small entity	I	4	4	-
Total Number of Level 1 Credits Available in this Course (includes 12 external credits)						24	14	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	7
Service Industries	12
Social and Community Services	
Creative Industries	16

BUS101 - Business 101

BRIEF COURSE DESCRIPTION

The course consists of two parts

1. Understand how, as a result of internal and external factors, small business owners make operational decisions that have consequences for the success of their business
2. Plan, carry out, and then review a one-off business activity, basing recommendations for the future on market feedback. A one-off business activity with teacher direction. Business knowledge and concepts are applied to develop a business plan, which includes an executive summary, an introduction, business goals, marketing, human resources, finance, and operations.

PRIOR STUDY REQUIRED / PREFERRED

Open entry

COST / EQUIPMENT

Whilst there are no set course costs, please be aware that any students involved in completing the requirements for carrying out a business may incur start up and running costs. The level of these costs will be dependent on the business activity undertaken. Any field trip cost will be advised during the year.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90837	2	1	Business Studies	1.1 Demonstrate an understanding of internal features of a small business.	E	4	4	-
AS 90838	2	1	Business Studies	1.2 Demonstrate an understanding of external factors influencing a small business.	E	4	4	-
AS 90839	2	1	Business Studies	1.3 Apply business knowledge to an operational problem(s) in a given small business context.	E	4	4	-
AS 90840	2	1	Business Studies	1.4 Apply the marketing mix to a new or existing product.	I	3	3	-
AS 90841	2	1	Business Studies	1.5 Investigate aspects of human resource processes in a business.	I	3	3	-
AS 90842	2	1	Business Studies	1.6 Carry out and review a product-based business activity.	I	6	6	-
Total Number of Level 1 Credits Available in this Course (includes 12 external credits)						24	24	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	24
Service Industries	11
Social and Community Services	
Creative Industries	11

COMMERCE

ECO101 - Economics 101

BRIEF COURSE DESCRIPTION

Economics is concerned with the way we all behave as producers and consumers of goods and services, earners of income and managers of money within New Zealand's economic system.

PRIOR STUDY REQUIRED / PREFERRED

Open entry

COST / EQUIPMENT

Study Guide - \$25.00

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90983	3	1	Economics	Demonstrate understanding of consumer choices, using scarcity and/or demand	E	4	4	-
AS 90984	3	1	Economics	Demonstrate understanding of decisions a producer makes about production	I	5	5	-
AS 90985	3	1	Economics	Demonstrate understanding of producer choices using supply	E	3	3	-
AS 90986	3	1	Economics	Demonstrate understanding of how consumer, producer and/or government choices affect society, using market equilibrium	E	5	5	-
AS 90987	3	1	Economics	Demonstrate understanding of a government choice where affected groups have different viewpoints	I	4	4	-
AS 90988	3	1	Economics	Demonstrate understanding of the interdependence of sectors of the New Zealand economy	I	3	3	-
Total Number of Level 1 Credits Available in this Course (includes 12 external credits)						24	24	0

Some students may be given the opportunity to do unit standards in addition to those listed in the above table.

CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)



Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	24
Service Industries	7
Social and Community Services	3
Creative Industries	12

COMPUTING & DIGITAL TECHNOLOGY

COM101 – Computer Science 101

BRIEF DESCRIPTION OF THE COURSE

In this course you will learn fundamental skills in developing algorithms and programs. You will also learn the skills needed to develop a brief. Students will have the opportunity to design and create computer programs and games using the Java programming language. Computer science concepts are taught; including graphical user interface design, algorithm optimisation and an overview of different programming languages. Hardware components and their purpose are studied and students are assessed on their understanding of computers and the procedures for servicing of a computer. This course demands the planning of solutions as well as practical computer use.

METHODS OF ASSESSMENT

Five of the assessments are assignment based and internally assessed. Achievement Standard 91074 [1.44] is externally assessed.

PRIOR STUDY REQUIRED / PREFERRED

Open Entry

Note: To take this course as well as Fabric Technology 101 or Food Technology 101 students must obtain prior approval from the HODs of both subject areas. See the explanatory note under the listing of standards below.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS

COM101 is one of two, computing and digital technology, level one courses. This course leads to four digital technology level 2 courses (DTI201, COM203, COM303 and COM201) and then onto three level 3 courses within this field (DTM301, DTI301hy6 a) and COM301[a]). [a] = approved subject.

COST / EQUIPMENT

\$15 course fee provides students with credit for digital printing and photocopying and course related costs.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91044	3	1	Generic Technology	1.1 Undertake brief development to address a need or opportunity <i>[See note below]</i>	I	4	4	-
AS 91074	3	1	Digital Technology	1.44 Demonstrate understanding of basic concepts from computer science	E	3	3	-
AS 91075	4	1	Digital Technology	1.45 Construct an algorithmic structure for a basic task	I	3	-	-
AS 91076	4	1	Digital Technology	1.46 Construct a basic computer program for a specified task	I	3	-	-
AS 91080	3	1	Digital Technology	1.50 Demonstrate understanding of the common components of basic digital infrastructures	I	3	3	-
AS 91081	3	1	Digital Technology	1.51 Implement basic procedures for servicing a personal computer system	I	4	-	-
Total number of Level 1 credits available in this course (includes 3 external credits)						20	10	0
<i>Note that AS 91044 is also included in Fabric Technology 101 and Food Technology 101.</i>								
<i>While students can, with HOD approval, study towards AS 91044 in two courses, they cannot gain the 4 credits twice.</i>								



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	4
Manufacturing and Technology	20
Primary Industries	7
Service Industries	
Social and Community Services	
Creative Industries	13

COMPUTING & DIGITAL TECHNOLOGY

DTI101 – Digital Information 101

BRIEF DESCRIPTION OF THE COURSE

This course covers both Digital Information and Media categories of the Digital Technology curriculum. You will use a range of software applications (e.g. Microsoft Office Suite, Adobe Creative Suite [Illustrator, Photoshop, InDesign and Dreamweaver]) to learn knowledge and skills whilst creating a variety of computer generated solutions. Digital media content will be original (for example your own graphics, sound editing, video/still images, web pages and printed documents) and demonstrate an integration of various software applications.

There is a half day trip organised for this course and all students are required to attend.

METHODS OF ASSESSMENT

Assessment will include observations, conceptual designs and prototype/one-off solution development plus portfolios. Achievement Standards 1.40 is externally assessed.

PRIOR STUDY REQUIRED / PREFERRED

Open Entry

Note: To take this course as well as Food Technology 101 students must obtain prior approval from the HODs of both subject areas. See the explanatory note under the listing of standards below.

RELATIONSHIP TO NATIONAL CERTIFICATE/TERTIARY QUALIFICATIONS

DTI101 is one of two, digital technology, level one courses. This course leads to four digital technology level 2 courses (DTI201, COM203, COM303 and COM201) and then onto two level 3 courses within this field (DTI301[a] and COM301[a]). [a] = approved subject.

COST / EQUIPMENT

\$30 course fee to cover the cost of course related material supplied to students (includes \$12 printing credit and travel costs for the half day trip). Additional printing maybe required throughout the year and top up cards can be purchased from the Bursar's Office.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91045	3	1	Technology	1.2 Use planning tools to guide the technological development of an outcome to address a brief	I	4	-	-
AS 91046	3	1	Technology	1.3 Use design ideas to produce a conceptual design for an outcome to address a briefs [See note below]	I	6	-	-
AS 91070	3	1	Technology	1.40 Demonstrate understanding of basic concepts of information management	E	3	3	-
AS 91071	3	1	Digital Technology	1.41 Implement basic procedures to produce a specified digital information outcome	I	4	-	-
AS 91073	3	1	Digital Technology	1.43 Implement basic procedures to produce a specified digital media outcome	I	4	-	-
Total number of Level 1 credits available in this course (includes 3 external credits)						21	3	0
<i>Note that AS 91045 is also included in the Food Technology 101 course. While students can, with HOD approval, study towards AS 90145 in both courses, they cannot gain the 4 credits twice.</i>								



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	10
Manufacturing and Technology	21
Primary Industries	21
Service Industries	
Social and Community Services	7
Creative Industries	21

DANCE

DAN101 – Dance 101

BRIEF COURSE DESCRIPTION

Choreography

Students will focus on compositional components implemented via a range of dance styles. Exploration of the elements of dance, choreographic devices relating to one or more dancer and developing an understanding of choreographic tools to create personalised movement in response to a given theme and/or idea.

Dance Performance

A study of dance techniques developing strength, flexibility, agility, co-ordination, safe dance practices, functional anatomy, endurance, mobility, performance qualities, interpretation via a range of dance styles from contemporary, hip/hop and jazz.

Dance Perspectives

Students will study the features and background of a selected dance style /genre. Component may focus on the analysis of chosen professional dance company/choreographer from either N.Z. or overseas. Students will learn to “read”, interpret and understand dance as a language in performance.

PRIOR STUDY REQUIRED / PREFERRED

Study of Dance in Year 10 desired and/or competent dance experience in any given dance style. A high level of motivation and good attendance is essential or at the discretion of the Head of Department in exceptional cases.

COST / EQUIPMENT

\$40 for equipment, printing and performance.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90858	2	1	Dance Choreography	Compose dance sequences for given briefs	I	6	-	-
AS 90002	6	1	Dance Performance	Perform dance sequences	I	6	-	-
AS 90860	3	1	Dance Perspectives	Demonstrate understanding of the elements of dance	I	4	4	-
AS 90861	2	1	Dance Perspectives	Demonstrate understanding of a dance performance	E	4	4	-
AS 90859	3	1	Dance Performance	Demonstrate ensemble skills in a dance	I	4	-	-
Total Number of Level 1 Credits Available in this Course (includes 4 external credits)						24	8	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	
Service Industries	
Social and Community Services	
Creative Industries	24

DESIGN & VISUAL COMMUNICATION

DVC101 – Design & Visual Communications 101

BRIEF COURSE DESCRIPTION

Design skills in the fields of architecture, product design, engineering, landscaping and spatial design. Presentation skills in a variety of modes and media. The enhancement of conceptual, drawing and Computer skills through the submission of design briefs. The use in computer aided drawing programs (123D Design, Archicad 18, Sketchup Pro) to facilitate a progression to level 2 & 3

Note: To take this course as well as Fabric Technology 101 students must obtain prior approval from the HODs of both subject areas. See the explanatory note under the listing of standards below.

PRIOR STUDY REQUIRED / PREFERRED

Satisfactory performance in Years 9 and/or 10 graphics, or entry by negotiation with HOD Graphics.

COST / EQUIPMENT

Approximately \$35. Students will need to purchase the appropriate instruments and stationery. A drawing board, T-square and access to a PC at home are an advantage.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91063	4	1	Design and Visual Communication	Produce freehand sketches that communicate design ideas	E	3	-	-
AS 91064	4	1	Design and Visual Communication	Produce instrumental, multi-view orthographic drawings that communicate technical features of design ideas	E	3	-	3
AS 91065	4	1	Design and Visual Communication	Produce instrumental paraline drawings to communicate design ideas	E	3	-	3
AS 91066	3	1	Design and Visual Communication	Use rendering techniques to communicate the form of design ideas	I	3	-	-
AS 91067	4	1	Design and Visual Communication	Use the work of an influential designer to inform design ideas <i>[See note below]</i>	I	3	-	-
AS 91068	4	1	Design and Visual Communication	Undertake development of design ideas through graphics practice	I	6	-	-
AS 91069	4	1	Design and Visual Communication	Promote an organised body of design work to an audience using visual communication techniques	I	4	4	-
Total Number of Level 1 Credits Available in this Course (includes 9 external credits)						25	4	6
<i>Note that AS 91067 is also studied in the Fabric Technology course. While students may with the approval of both HODs study towards AS 91067 in both Design & Visual Communications 101 and Fabric Technology 101, the 3 credits cannot be counted twice.</i>								



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	22
Manufacturing and Technology	25
Primary Industries	
Service Industries	
Social and Community Services	
Creative Industries	25

DRAMA

DRA101 – Drama 101

BRIEF DESCRIPTION OF THE COURSE

Practical work

Drama skills through improvisation, voice, movement, acting.
Rehearsals and performance of productions including a class play for an audience.
Study of production skills such as stagecraft and lighting.
Personal development through Drama
Language in a variety of contexts.

Written content

Script writing, journal, research, portfolio, performance analysis and critique.

PRIOR STUDY REQUIRED / PREFERRED

Completion of the Year 10 Drama course with a high level of motivation, co-operative group work and good attendance, or at the discretion of the Head of Department in exceptional cases.

METHODS OF ASSESSMENT

Recorded performance and accompanying portfolios
External exam written

COST / EQUIPMENT

Clear files 4, 1B5 exercise book, Subject fee \$20

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90006	6	1	Drama Performance	Apply drama techniques in a dramatic context	I	4	4	-
AS 90009	6	1	Drama Performance	Perform an acting role in a scripted production	I	5	5	-
AS 90011	6	1	Drama Studies	Demonstrate understanding of the use of drama aspects within live performance	E	4	4	-
AS 90997	2	1	Drama Creation	Devise and perform a drama	I	5	5	-
AS 90999	3	1	Drama Performance	Select and use features of a drama/theatre form in a performance	I	4	4	-
Total Number of Level 1 Credits Available in this Course (includes 4 external credits)						22	22	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	
Service Industries	
Social and Community Services	
Creative Industries	22

ENGLISH

LEVEL 1 ENGLISH OPTIONS

NB – students will be placed into the appropriate level of study, based on their results at Year 9 and 10.

ENG100 - ACCELERATED ENGLISH – LEVELS 1 & 2

BRIEF COURSE DESCRIPTION

This course will incorporate Level 1 & 2 standards covering all aspects of the English curriculum. A particular focus will be placed on academic writing and reading at a level that will facilitate entry into Level 2, Level 3 and/or Scholarship English in 2017. (The option of entering Scholarship in 2016 will be offered.) High ability students in Year 9 or 10 may be offered the opportunity to enter this course without completing Year 10 English on the recommendation of Laura Swan.

PRIOR STUDY REQUIRED / PREFERRED

Year 10 English OR approval required by HOD.

METHOD OF ASSESSMENT

Internal and External Achievement Standards. NOTE: Teaching and learning will aim at Level 2 standard, with work being assessed at the level it meets. All standards offered provide Level 1 Literacy credits.

COST / EQUIPMENT

Ringbinder, refill, pens, printing charge of \$5

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90849 or	3	1	English Written Language	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	E	4	4	
AS 91098	3	2	English Written Language	Analyse specified aspect(s) of studied written text(s), supported by evidence.	E	4	4	
AS 90850 or	3	1	English Visual Language	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	E	4	4	
AS 91099	3	2	English Visual Language	Analyse specified aspect(s) of studied visual or oral text(s), supported by evidence.	E	4	4	
AS 90851 or	2	1	English Written Language	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	E	4	4	
AS 91100	2	2	English Written Language	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence.	E	4	4	
AS 90052	5	1	English Written Language	Produce Creative Writing	I	3	3	
AS 90053 or L2 Equivalent	5	1	English Written Language	Produce formal writing	I	3	3	
AS 91101	2	2	English Written Language	Produce a selection of crafted and controlled writing	I	6	6	
Students will be offered a choice between the following four standards with the expectation that they complete a minimum of 2						24	18	
AS 90852 or	2	1	English Written Language	Explain significant connection(s) across texts, using supporting evidence	I	4	4	
AS 91104	2	2	English Written Language	Analyse significant connections across texts, supported by evidence	I	4	4	
AS 90854 or	2	1	English Written Language	Form personal responses to independently read texts, supported by evidence	I	4	4	
AS 91106	2	2	English Written Language	Form developed personal responses to independently read texts, supported by evidence	I	4	4	
AS 90857 or	2	1	English Oral Language	Construct and deliver an oral text	I	3	3	
AS 91102	2	2	English Written Language	Construct and deliver a crafted and controlled oral text	I	3	3	
AS 90855 or	2	1	English Written Language	Create a visual text	I	3	3	
AS 91103	2	2	English Visual Language	Create a crafted and controlled visual and verbal text	I	3	3	
Total Number of credits expected in this course (includes 12 external credits)						24/13		



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT) COMPULSORY SECTION CREDITS ONLY RECORDED BELOW

Vocational Pathway Sector	Level 1 Recommended Credits	Level 2 Recommended Credits
Construction and Infrastructure	18	18
Manufacturing and Technology	8	18
Primary Industries	18	18
Service Industries	18	18
Social and Community Services	18	18
Creative Industries	18	18

ENGLISH

ENG101 – Creative English

BRIEF COURSE DESCRIPTION

Level 1 NCEA Achievement Standards

PRIOR STUDY REQUIRED / PREFERRED

Year 10 English

METHOD OF ASSESSMENT

Internal and External Achievement Standards

COST / EQUIPMENT

Ringbinder, refill, pens, printing charge of \$5

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90849	3	1	English Written Language	Show understanding of specified aspect(s) of studied written text(s), using supporting evidence	E	4	4	-
AS 90850	3	1	English Written Language	Show understanding of specified aspect(s) of studied visual or oral text(s), using supporting evidence	E	4	4	-
AS 90851	2	1	English Written Language	Show understanding of significant aspects of unfamiliar written text(s) through close reading, using supporting evidence	E	4	4	-
AS 90052	5	1	English Written Language	Produce creative writing	I	3	3	-
AS 90857	2	1	English Oral Language	Construct and deliver an oral text	I	3	3	-
AS 90852	2	1	English Written Language	Explain significant connection(s) across texts, using supporting evidence	I	4	4	-
AS 90854	2	1	English Written Language	Form Personal Responses to independently read texts	I	4	4	-
Total Number of Level 1 Credits Available in this Course (includes 12 external credits)						26	26	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	26
Manufacturing and Technology	12
Primary Industries	26
Service Industries	26
Social and Community Services	26
Creative Industries	26

ENG102 – Communication English

BRIEF COURSE DESCRIPTION

Level 1 NCEA Achievement Standards

PRIOR STUDY REQUIRED / PREFERRED

Year 10 English

METHOD OF ASSESSMENT

Internal Achievement Standards and Unit Standards

COST / EQUIPMENT

Ringbinder, refill, pens, printing charge of \$5

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90856	2	1	English Visual Language	Show understanding of visual and/or oral text(s) through close viewing and/or listening, using supporting evidence	I	3	3	-
AS 90053	5	1	English Written Language	Produce formal writing	I	3	3	-
AS 90857	2	1	English Oral Language	Construct and deliver an oral text	I	3	3	-
AS 90855	2	1	English Visual Language	Create a visual text	I	3	3	-
US 3483	6	1	Writing	Fill in a form	I	2	-	-
US 10792	4	1	Writing	Write formal personal correspondence	I	3	-	-
US 1285	6	1	Interpersonal Communications	Complete enquiries and make practical transactions	I	4	-	-
Total Number of Level 1 Credits Available in this Course						21	12	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	12
Manufacturing and Technology	6
Primary Industries	12
Service Industries	16
Social and Community Services	12
Creative Industries	12

ESOL

IENGL3 – Pre-Intermediate English 3

BRIEF COURSE DESCRIPTION

Elementary - Pre-Intermediate level.

This course is designed to suit the needs of those students who are pre-intermediate speakers of English and have elementary reading and writing skills.

PRIOR STUDY REQUIRED / PREFERRED

This course is for ESOL / NESB students and supports language acquisition across all subject areas through developing basic skills in reading and writing, speaking and listening.

METHODS OF ASSESSMENT

Various oral and visual and written methods.
Pitmans, IELTS, NCEA Unit Standards ESOL.

COST / EQUIPMENT

\$40 – Workbook/Materials

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
US 17358	5	1	English for speakers of other languages	Talk about self and family	I	3	-	-
US 2968	8	1	English for speakers of other languages	Read simple texts to gain information	I	4	-	-
US 2974	8	1	English for speakers of other languages	Read texts to gain practical information	I	4	-	-
US 17366	5	1	English for speakers of other languages	Write simple personal experience recounts	I	3	-	-
Total Number of Level 1 Credits Available in this Course						14	0	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	
Service Industries	
Social and Community Services	
Creative Industries	

FABRIC TECHNOLOGY

TMF101 – Fabric Technology 101

BRIEF COURSE DESCRIPTION

Students will research an innovative international designer. They will use this research to inspire their own design work and go onto create the outfit. This course will be helpful preparing students for a future in the field of fashion. This course offers literacy credits and is part of a pathway to university approved credits at Yr13.

Note: To take this course as well as Computing 101, Food Technology 101, or Graphical Design 101 students must obtain prior approval from the HODs of both subject areas See the explanatory note under the listing of standards below.

PRIOR STUDY REQUIRED / PREFERRED

Previous study not required

COST / EQUIPMENT

\$74 including 2 trips to fabric shops.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91044	3	1	Technology – General Education	Undertake brief development to address a need or opportunity <i>[See note below]</i>	I	4	4	-
AS 91048	3	1	Technology – General Education	Demonstrate understanding of how technological modelling supports decision-making	E	4	4	-
AS 91058	3	1	Construction and Mechanical Technologies	Implement basic procedures using textile materials to make a specified product	I	6	-	-
AS 91067	4	1	Design and Visual Communication	Use the work of an influential designer to inform design ideas <i>[See note below]</i>	I	3	-	-
AS 91096	3	1	Construction and Mechanical Technologies	Make basic adaptations to a pattern to enable a design to fit a person or item.	I	4	-	-
Total Number of Level 1 Credits Available in this Course (includes 4 external credits)						21	8	0
<p><i>Note that AS 91044 is also studied in Computing 101 and Food Technology 101. Also AS 91067 is a part of the Design & Visual Communications 101 (Graphics) course. While students can with HOD approval study towards one of these standards in two courses, they cannot gain credits for any of these standards twice.</i></p>								



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	14
Manufacturing and Technology	21
Primary Industries	8
Service Industries	
Social and Community Services	
Creative Industries	21

FABRIC TECHNOLOGY

FAS123 – Level 1 and 2 Fashion Pre-Academy

BRIEF COURSE DESCRIPTION

This is a skills based course to prepare those interested in the clothing manufacturing industry. You will learn practical sewing, basic pattern adaptation and general knowledge of clothing material. This class is also open to those who have not taken Fabric Technology in the past and would like to learn new skills in this area.

PRIOR STUDY REQUIRED / PREFERRED

Previous study not required

COST

\$70

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91096	2	1	Construction and Mechanical Technologies	Make basic adaptations to a pattern to enable a design to fit a person or item.	I	4	-	-
AS 91058	2	1	Construction and Mechanical Technologies	Implement basic procedures using textile materials to make a specified product	I	6	-	-
US 6691	4	2	Home and Life Sciences – Textile Technology	Construct a lined skirt	I	6	-	-
US 6692	4	2	Home and Life Sciences – Textile Technology	Prepare for an construct a leisure garment	I	5	-	-
US 4838	6	2	Apparel Cutting and Sewing	Demonstrate knowledge of clothing materials in the clothing industry	I	3	-	-
Total Number of Level 1 Credits Available						10	0	0
Total Number of Level 2 Credits Available						14	0	0
Total Number of Credits for this Course						24		



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits Level 1	Sector Related Level 2	Recommended Credits Level 2
Construction and Infrastructure	6		
Manufacturing and Technology	10	3	
Primary Industries			
Service Industries			
Social and Community Services			
Creative Industries	10		11

FOOD TECHNOLOGY & HOSPITALITY

HOS103 - Hospitality 103

BRIEF COURSE DESCRIPTION

This course allows students the opportunity to work towards achieving two national certificates in cookery in addition to their NCEA credits. This is pre-employment training with the qualifications linking into either tertiary institutions or the various apprenticeship schemes.

PRIOR STUDY REQUIRED / PREFERRED

No prior study required.

COST / EQUIPMENT

\$130.00 includes some practical costs

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
US 15620	3	1	Food Technology and Nutrition	Apply knowledge of hygiene and safety in preparation, serving and storage of food	I	6	-	-
US 15900	5	1	Hospitality – Foundation Skills	Prepare and present meat in the hospitality industry	I	4	-	-
US 15901	5	1	Hospitality – Foundation Skills	Prepare and present fruit and vegetables in the hospitality industry	I	3	-	-
US 19770	4	1	Hospitality – Foundation Skills	Prepare and present egg and cheese dishes in the hospitality industry	I	2	-	-
US 15919	5	1	Hospitality – Foundation Skills	Prepare and present hot finger food in the hospitality industry	I	2	-	-
US 15920	5	1	Hospitality – Foundation Skills	Prepare and present sauce and soup in the hospitality industry	I	2	-	-
US 15921	5	1	Hospitality – Foundation Skills	Prepare and cook a cake, a sponge and a batch of scones in the hospitality industry	I	3	-	-
US 21057	4	1	Hospitality – Foundation Skills	Demonstrate knowledge of knife care, use, storage and carrying for the hospitality industry	I	2	-	-
Total Number of Level 1 Credits Available in this Course						24	0	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	
Service Industries	18
Social and Community Services	
Creative Industries	

FOOD TECHNOLOGY & HOSPITALITY

TFO101 – Food Technology 101

BRIEF COURSE DESCRIPTION

The technological skills and knowledge required when working with food are established in Year 11 Food Technology. Students will develop their knowledge of the manufacturing processes, testing and equipment needed to produce high quality outcomes. They will participate in a wide range of learning experiences relating to Food Technology including industrial, nutritional, financial and technological. Students will be assessed on their understanding of **basic** technological processes and their application of food safety within food manufacturing. Food Technology is an approved University entrance subject.

Note: To take this course as well as Computing 101, students must obtain prior approval from the HODs of both subject areas. See the explanatory note under the listing of standards below.

PRIOR STUDY REQUIRED / PREFERRED

Year 10 Food Technology preferred or with approval of the HOD of Food Technology

COST / EQUIPMENT

\$130.00 includes some practical costs, 3 x 40 page clear file, 2 x refill, USB memory stick required

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91047	3	1	Generic Technology	(1.4) Undertake development to make a prototype to address a brief	I	6	-	-
AS 91049	3	1	Generic Technology	(1.6) Demonstrate understanding of how materials enable technological products to function	E	4	4	-
AS 91056	3	1	Generic Technology	(1.13) Implement a multi-unit manufacturing process	I	4	-	-
AS 91082	3	1	Processing Technologies	(1.60) Implement basic procedures to process a specified product	I	4	-	-
Total Number of Level 1 Credits Available in this Course (includes 4 external credits)						18	4	0
<p><i>Note that AS 91047 is also included in Computing 101. While students can with HOD approval study towards this standard in two courses, they cannot gain credits for any standard twice.</i></p>								



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	14
Manufacturing and Technology	18
Primary Industries	18
Service Industries	
Social and Community Services	
Creative Industries	10

LEADERSHIP

LEA101 – Leadership in Society

BRIEF COURSE DESCRIPTION

Year 11 Leadership is an extension of the leadership course taught at both Years 9 and 10. This full-year course offers students the opportunity to continue to build their leadership potential while working to provide students with theoretical and analytical perspectives on Leadership theory and how it exists in society. Students will have the opportunity to look at leadership as it exists in their community, on a national level and on a global scale. A social inquiry will be conducted by students to challenge their own styles of leadership and put their learning into practice.

PRIOR STUDY REQUIRED / PREFERRED

This course would be offered as an option to Year 11 students, with priority being given to those students who have

- Completed the Year 9 or 10 Leadership programme
- Students who have demonstrated Leadership within the school and would like to work on developing their skills and understanding of leadership
- Students who are referred by staff or community representatives indicating that students demonstrate the characteristics of leadership and would benefit from further development.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
US 27257	1	1	Psychology	Demonstrate understanding of key pieces of psychological research.	I	4	-	-
US 27254	1	1	Psychology	Demonstrate understanding of the scientific method used in psychological research.	I	4		
US 8997	3	1	Sociology	Describe a social structure in detail	I	4		
AS 90818	2	1	Religious Studies	Describe the application of key ethical principle of a religious tradition to an issue.	I	6	6	
AS 91040	3	1	Social Studies	Conduct a social inquiry	I	4	4	-
AS 91042	3	1	Social Studies	Report on a personal involvement in a social justice and human rights issue.	I	4	4	-
AS 91043	2	1	Social Studies	Describe a social justice and human rights action.	I	4	4	-
Total Number of Level 1 Credits Available in this Course						30	18	



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	8
Service Industries	8
Social and Community Services	18
Creative Industries	10

HEALTH & PHYSICAL EDUCATION

HEA101 – Health 101

BRIEF COURSE DESCRIPTION

An in-depth study of well-being and the holistic concept of Hauora. Students develop the knowledge, skills, attitudes and values to make informed, responsible, health-enhancing decisions and to act in ways that contribute to their personal well-being, the well-being of other people, and of society as a whole. Areas of study include understanding **Hauora**; considering the **influences on adolescent eating patterns**; factors that contribute to **changing states of health and well-being**; understanding **skills required to enhance relationships**; exploring the **concept of positive sexuality**; and understanding **factors that influence drug use**.

Health Education continues onto NCEA Levels 2 and 3 and into tertiary education. It is also an approved subject for University Entrance.

PRIOR STUDY REQUIRED / PREFERRED

Some prior junior Health Education preferred and a strong interest in health and well-being recommended.

COST / EQUIPMENT

Course readings \$10, Study Guide \$25, 2x1B5

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90971	3	1	Health Education	Take action to enhance an aspect of personal well-being	I	3	3	-
AS 90972	3	1	Health Education	Demonstrate understanding of influences on adolescent eating patterns to make health-enhancing recommendations	E	4	4	-
AS 91097	3	1	Health Education	Demonstrate understanding of ways in which well-being can change and strategies to support well-being	I	4	4	-
AS 90973	3	1	Health Education	Demonstrate understanding of interpersonal skills used to enhance relationships	I	5	5	-
AS 90974	3	1	Health Education	Demonstrate understanding of strategies for promoting positive sexuality	I	4	4	-
AS 90975	3	1	Health Education	Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	E	4	4	-
Total Number of Level 1 Credits Available in this Course (includes 8 external credits)						24	24	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	20
Service Industries	20
Social and Community Services	24
Creative Industries	15

HEALTH & PHYSICAL EDUCATION

HPE101 – Health/Physical Education 101

BRIEF COURSE DESCRIPTION

This course has been designed to incorporate standards from both Health and Physical Education to cater for those students who might enjoy a broader based focus. The combination aims to help students develop the knowledge, skills, attitudes and values to make informed, responsible, health-enhancing decisions and to act in ways that contribute to their personal well-being, the well-being of other people, and of society as a whole.

From this course students could go on to specialize in Health Education and/or Physical Education at NCEA Levels 2 and 3.

PRIOR STUDY REQUIRED / PREFERRED

Some prior junior Health and Physical Education preferred and a strong interest in physical activity, health and well-being recommended.

Note: Students cannot take this course as well as Health Education 101 or Physical Education 101.

COST / EQUIPMENT

Student workbook \$10, 2B5, Students will require appropriate dress for physical activity.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90974	3	1	Health Education	Demonstrate understanding of strategies for promoting positive sexuality	I	4	4	-
AS 90975	3	1	Health Education	Demonstrate understanding of issues to make health-enhancing decisions in drug-related situations	E	4	4	-
AS 90962	3	1	Physical Education	Participate actively in a variety of physical activities and explain factors that influence own participation	I	5	-	-
AS 90963	3	1	Physical Education	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	I	5	5	-
AS 90966	3	1	Physical Education	Demonstrate interpersonal skills in a group and explain how these skills impact on others	I	4	4	-
Total Number of Level 1 Credits Available in this Course (includes 4 external credits)						22	17	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	13
Service Industries	18
Social and Community Services	22
Creative Industries	18

HEALTH & PHYSICAL EDUCATION

PED101 – Physical Education 101

BRIEF COURSE DESCRIPTION

Explore body structure and function as it relates to physical performance, explore media portrayal of sport, develop team and leadership skills through an Ultimate Frisbee tournament.

PRIOR STUDY REQUIRED / PREFERRED

Previous study not required.

COST / EQUIPMENT

\$35 subject fee. Students will require appropriate dress for practical work.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90962	3	1	Physical Education	Participate actively in a variety of physical activities and explain factors that influence own participation	I	5	-	-
AS 90963	3	1	Physical Education	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	I	5	5	-
AS 90964	3	1	Physical Education	Demonstrate quality movement in the performance of a physical activity	I	3	-	-
AS 90965	3	1	Physical Education	Demonstrate understanding of societal influences on physical activity and the implications for self and others	I	4	4	-
AS 90966	2	1	Physical Education	Demonstrate interpersonal skills in a group and explain how these skills impact on others	I	4	4	-
AS 90967	2	1	Physical Education	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	I	3	3	-
Total Number of Level 1 Credits Available in this Course						24	16	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	4
Service Industries	24
Social and Community Services	24
Creative Industries	24

HEALTH & PHYSICAL EDUCATION

SAC101 – Sports Academy 101

BRIEF COURSE DESCRIPTION

This course is offered to elite student athletes at Massey High School. The programme offers both a practical and theoretical component. The practical sessions include top level sports-specific coaching. The theory offers university approved Achievement Standards and covers a variety of relevant subjects to help elite athletes such as health and well-being, anatomy and biomechanics, developing training programmes, coaching, teamwork, skill analysis and performance.

PRIOR STUDY REQUIRED / PREFERRED

Students are invited to fill out an application form available from the Sports or PE Office, Sports Co-ordinator or the Director of Sport. The student should be at representative level in their chosen sport.

Students may not study Physical Education 101 as well as being in Sports Academy 101, because there are common standards that exist in both courses.

METHODS OF ASSESSMENT

Practical Assessments and theory tests.

COST / EQUIPMENT

\$100 Subject Fee and to cover printing of course booklets, coaches and resources. Uniform (Compulsory) Shirt \$35, Shorts \$30

NOTE: Students should also select an alternative on their option forms as a back-up in case they are not selected for the Sports Academy.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90962	3	1	Physical Education	Participate actively in a variety of physical activities and explain factors that influence own participation	I	5	-	-
AS 90963	3	1	Physical Education	Demonstrate understanding of the function of the body as it relates to the performance of physical activity	I	5	5	-
AS 90964	3	1	Physical Education	Demonstrate quality movement in the performance of a physical activity	I	3	-	-
AS 90965	3	1	Physical Education	Demonstrate understanding of societal influences on physical activity and the implications for self and others	I	4	4	-
AS 90966	2	1	Physical Education	Demonstrate interpersonal skills in a group and explain how these skills impact on others	I	4	4	-
AS 90967	2	1	Physical Education	Demonstrate strategies to improve the performance of a physical activity and describe the outcomes	I	3	3	-
Total Number of Level 1 Credits Available in this Course						24	16	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	4
Service Industries	24
Social and Community Services	24
Creative Industries	24

INTERNATIONAL LANGUAGES

CHI101 – Chinese 101

BRIEF COURSE DESCRIPTION

Language skills listening, speaking, reading and writing

Topics Chinese home, eating and drinking, sports and leisure, town and directions, daily routine, school life, shopping, health, weather, travel and holidays

PRIOR STUDY REQUIRED / PREFERRED

Completion of Year 10 Chinese course or at the discretion of the HOD.

COST / EQUIPMENT

\$20 for workbooks, 2B5 workbook, clearfile 20-pocket and a Chinese dictionary

EXTRA-CURRICULAR

Australian Language Certificate, Restaurant trip

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90868	2	1	Languages - Chinese	1.1 Demonstrate understanding of a variety of spoken Chinese texts on areas of most immediate relevance	E	5	-	-
AS 90869	2	1	Languages - Chinese	1.2 Give a spoken presentation in Chinese that communicates a personal response	I	4	-	-
AS 90870	2	1	Languages - Chinese	1.3 Interact using spoken Chinese to communicate personal information, ideas and opinions in different situations	I	5	-	-
AS 90871	2	1	Languages - Chinese	1.4 Demonstrate understanding of a variety of Chinese texts on areas of most immediate relevance	E	5	-	-
AS 90872	2	1	Languages - Chinese	1.5 Write a variety of text types in Chinese on areas of most immediate relevance	I	5	-	-
Total Number of Level 1 Credits Available in this Course (includes 10 external credits)						24	0	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	9
Service Industries	20
Social and Community Services	10
Creative Industries	15

FRE101 – French 101

BRIEF COURSE DESCRIPTION

Language skills listening, speaking, reading and writing

Topics Planning a trip to France; holidays, travel, eating-out, shopping, accommodation, festivals.

COST / EQUIPMENT

\$20 for workbooks, 2B5 workbook, clearfile 20-pocket and a French dictionary

EXTRA CURRICULAR

Australian Language Certificate, Alliance Française Speaking Competition, Restaurant Trip

PRIOR STUDY REQUIRED / PREFERRED

Completion of Year 10 French course or at the discretion of the HOD.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90878	2	1	Languages - French	Demonstrate understanding of a variety of spoken French texts on areas of most immediate relevance	E	5	-	-
AS 90879	2	1	Languages - French	Give a spoken presentation in French that communicates a personal response	I	4	-	-
AS 90880	2	1	Languages - French	Interact using spoken French to communicate personal information, ideas and opinions in different situations	I	5	-	-
AS 90881	2	1	Languages - French	Demonstrate understanding of a variety of French texts on areas of most immediate relevance	E	5	-	-
AS 90882	2	1	Languages - French	Write a variety of text types in French on areas of most immediate relevance	I	5	-	-
Total Number of Level 1 Credits Available in this Course (includes 10 external credits)						24	0	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	9
Service Industries	20
Social and Community Services	10
Creative Industries	15

INTERNATIONAL LANGUAGES

JAP101 – Japanese 101

BRIEF COURSE DESCRIPTION

Language skills, listening, speaking, reading and writing

Topics Japanese home, eating and drinking, sports and leisure, town and directions, daily routine, school life, shopping, health, weather, travel and holidays

PRIOR STUDY REQUIRED / PREFERRED

Completion of Year 10 Japanese course or at the discretion of the HOD.

COST / EQUIPMENT

\$20 for workbooks, 2B5 workbook, clearfile 20-pocket and a Japanese dictionary

EXTRA-CURRICULAR

Australian Language Certificate, Restaurant trip,

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90893	2	1	Languages - Japanese	1.1 Demonstrate understanding of a variety of spoken Japanese texts on areas of most immediate relevance	E	5	-	-
AS 90894	2	1	Languages - Japanese	1.2 Give a spoken presentation in Japanese that communicates a personal response	I	4	-	-
AS 90895	2	1	Languages - Japanese	1.3 Interact using spoken Japanese to communicate personal information, ideas and opinions in different situations	I	5	-	-
AS 90896	2	1	Languages - Japanese	1.4 Demonstrate understanding of a variety of Japanese texts on areas of most immediate relevance	E	5	-	-
AS 90897	2	1	Languages - Japanese	1.5 Write a variety of text types in Japanese on areas of most immediate relevance	I	5	-	-
Total Number of Level 1 Credits Available in this Course (includes 10 external credits)						24	0	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	9
Service Industries	20
Social and Community Services	10
Creative Industries	15

SAM101 – Samoan 101

BRIEF COURSE DESCRIPTION

Language skills, Listening, speaking, reading and writing

Topics The individual, school life, daily routine, shopping, celebrations, holidays and travel, New Zealand and Samoa.

COST / EQUIPMENT

\$20 for workbooks, 2B5 workbook, clearfile 20-pocket and a Samoan dictionary

EXTRA CURRICULAR

Preparation of Samoan/Pasifika food, Independence celebration 1st June

PRIOR STUDY REQUIRED / PREFERRED

Completion of Year 10 Samoan course or at the discretion of the HOD.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90903	2	1	Languages - Samoan	1.1 Demonstrate understanding of a variety of spoken Samoan texts relating to areas of most immediate relevance	E	5	-	-
AS 90904	2	1	Languages - Samoan	1.2 Give a spoken presentation in Samoan that communicates a personal response	I	4	-	-
AS 90905	2	1	Languages - Samoan	1.3 Interact using spoken Samoan to communicate personal information, ideas and opinions in different situations	I	5	-	-
AS 90906	2	1	Languages - Samoan	1.4 Demonstrate understanding of a variety of written/visual Samoan texts relating to areas of most immediate relevance	E	5	-	-
AS 90907	2	1	Languages - Samoan	1.5 Write a variety of text types in Samoan on areas of most immediate relevance.	I	5	-	-
Total Number of Level 1 Credits Available in this Course (includes 10 external credits)						24	0	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	9
Service Industries	20
Social and Community Services	10
Creative Industries	15

INTERNATIONAL LANGUAGES

SPA101 – Spanish 101

BRIEF COURSE DESCRIPTION

Language skills, Listening, speaking, reading and writing
Topics my free time, problems for young people, school life, my country, eating out.

COST / EQUIPMENT

\$20 for workbooks, 2B5 workbook, clearfile 20-pocket and a Spanish dictionary

PRIOR STUDY REQUIRED / PREFERRED

Completion of Year 10 Spanish course or at the discretion of the HOD.

EXTRA CURRICULAR

Restaurant trip, Spanish Trip 2016, Spanish breakfast

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90908	2	1	Languages - Spanish	1.1 Demonstrate understanding of a variety of spoken Spanish texts on areas of most immediate relevance	E	5	-	-
AS 90909	2	1	Languages - Spanish	1.2 Give a spoken presentation in Spanish that communicates a personal response	I	4	-	-
AS 90910	2	1	Languages - Spanish	1.3 Interact using spoken Spanish to communicate personal information, ideas and opinions in different situations	I	5	-	-
AS 90911	2	1	Languages - Spanish	1.4 Demonstrate understanding of a variety of Spanish texts on areas of most immediate relevance	E	5	-	-
AS 90912	2	1	Languages - Spanish	1.5 Write a variety of text types in Spanish on areas of most immediate relevance	I	5	-	-
Total Number of Level 1 Credits Available in this Course (includes 10 external credits)						24	0	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	9
Service Industries	20
Social and Community Services	10
Creative Industries	15

MAORI LANGUAGE & STUDIES

MAO101 – Te Reo Māori 101 (Te Reo Aumihī – Mainstream)

BRIEF COURSE DESCRIPTION

This is a full year course that is designed to develop year 11 students in Te Reo Māori to enable them to build upon the language skills developed at year 10. Students will be working toward a level where they will gain Excellence in Te Reo Māori at Level 1. Students will learn and practice oral, written and visual forms of Te Reo Māori. Each topic will have writing, reading, speaking and listening component. The teaching environment will be bilingual.

PRIOR STUDY REQUIRED

Year 10 Te Reo Māori. Students who have not completed year 10 Te Reo Māori will need to apply separately for this course and complete a proficiency test before entrance into this course is approved. For information regarding applications please see Matua Hēmi the Head of Te Reo Māori.

COST / EQUIPMENT

\$15 for course material

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91086	2	1	Reo Māori	Whakarongo kia mōhio ki te reo o tōna ao	I	6	6	-
AS 91089	2	1	Reo Māori	Kōrero kia whakamahi i te reo o tōna ao	I	6	6	-
AS 91085	2	1	Reo Māori	Pānui kia mōhio ki te reo o tōna ao	I	6	6	-
AS 91087	2	1	Reo Māori	Tuhi i te reo o tōna ao	E	6	6	-
AS 91088	2	1	Reo Māori	Waihanga tuhinga i te reo o tōna ao (optional)	E	6	6	-
Total Number of Level 1 Credits Available in this Course (includes 6 external credits) Note AS 91088 is optional – 6 further external credits for advanced Reo students.						30	30	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	30
Service Industries	30
Social and Community Services	30
Creative Industries	30

MAORI LANGUAGE & STUDIES

MAO101 – Te Reo Māori 101 (Te Reo Korokī o Tiriwa – Bilingual Class)

BRIEF COURSE DESCRIPTION

This is a full year course that is designed to develop year 11 Te Reo Mahana students in Te Reo Māori to enable them to build upon the language skills developed at year 10. Students will develop and practice oral, written and visual forms of Te Reo Māori. Each topic will have writing, reading, speaking and listening component. Classes will be taught in Te Reo Māori. Students in this course will be working toward gaining Excellence in Te Reo Māori at Level 1.

PRIOR STUDY REQUIRED

Students will have completed their primary and / or intermediate schooling in a Bilingual, Kura Kaupapa Māori or total immersion setting. Students who do not meet this criteria but wish to apply will need to do so separately for this course and will need to complete a proficiency test before entrance into this course is approved. For information regarding applications please see Matua Hēmi the Head of Te Reo Māori.

COST / EQUIPMENT

\$15 for course material

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91086	2	1	Reo Māori	Kōrero kia whakamahi i te reo o tōna ao	I	6	6	-
AS 91089	2	1	Reo Māori	Waihanga tuhinga i te reo o tōna ao	I	6	6	-
AS 91085	2	1	Reo Māori	Whakarongo kia mōhio ki te reo o tōna ao	I	6	6	-
AS 91087	2	1	Reo Māori	Pānui kia mōhio ki te reo o tōna ao	E	6	6	-
AS 91088	2	1	Reo Māori	Tuhi i te reo o tōna ao	E	6	6	-
Total Number of Level 1 Credits Available in this Course (includes 12 external credits)						30	30	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	30
Service Industries	30
Social and Community Services	30
Creative Industries	30

MAO321 – Te Reo Tihi 321

For Year 11 students who are fluent in Te Reo Māori the opportunity exists to be part of an immersion class with Year 12 and 13 students working toward gaining Excellence in Te Reo Māori at Level 3. Classes will be taught in Te Reo Māori. Students who are graduates from Kura Kaupapa Māori and Māori immersion schools are more suited for this course. Te Reo Tihi students must have oral and written proficiency in Te Reo of level 5. The above standards and costs apply also to Mao321.

MAORI LANGUAGE & STUDIES

MPA321 –Māori Performing Arts Academy - Te Tāpere Toi a Tiriwa 321

BRIEF COURSE DESCRIPTION

The Academy of Maori Performing Arts is intended for students at all levels up to Year 13. This has been designed to reflect the activities completed in Taiohi Tātaki, the Māori Cultural Group of Massey High School. Students are required to demonstrate skills learned and knowledge attained in kapa haka, and provides an opportunity to learn our Māori history which is awarded with NCEA credits and Level 1, Level 2 and Level 3 and contributes to Merit and Excellence endorsement. Also providing the opportunity to pursue a National Certificate in Māori Performing Arts at Level 4. These students are supported to run kapa haka programme up skilling our community schools in Māori Performing Arts.

PRIOR STUDY REQUIRED / PREFERRED

The Academy of Māori Performing Arts will provide an environment of learning to those who have an interest or a passion for their heritage. Students may partake in the learning through the kapa haka at Year 9 and enter the Academy at Year 10 to attain the skills and knowledge base for this course.

METHODS OF ASSESSMENT

All assessments are internally assessed. There are two components to all the internal assessments in Māori Performing Arts, a practical component and a theory component. Both must be completed in order to achieve the standards offered.

COST / EQUIPMENT

\$30 for course materials
There will be some costs for travel to performances.

EXTRA CURRICULAR

Optional trips throughout the year to expose our students to Māori performing arts. There will be extra cost for the travel.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
US 13371	6	2	Māori Performance	Demonstrate knowledge and skills of haka (available only to male students)	I	6	-	-
US 13367	5	2	Māori Performance	Demonstrate knowledge and skills of poi (available only to female students)	I	7	-	-
US 13359	5	2	Māori Performance	Demonstrate knowledge and skills of waiata	I	6	-	-
US 13363	5	2	Māori Performance	Demonstrate knowledge and skills of waiata a ringa	I	6	-	-
US 22757	3	3	Māori Performance	Demonstrate knowledge of the historical development of Māori performing arts.	I	6	-	-
US 22756	2	3	Māori Performance	Perform a Māori performing arts bracket.	I	10	-	-
US 20948	3	1	Mau Rākau	Demonstrate knowledge and skills of tūwaewae	I	6	-	-
US 20949	3	2	Mau Rākau	Demonstrate knowledge of toroparawae and perform toroparawae	I	6	-	-
US 20950	3	2	Mau Rākau	Demonstrate knowledge of torowaewae and perform torowaewae	I	6	-	-
Total Number of Level 1 Credits Available in this Course						6	-	-
Total Number of Level 2 Credits Available in this Course						30(m)/ 31(f)	-	-
Total Number of Level 3 Credits Available in this Course						16	0	0

The selection of Māori Performing Arts standards offered will depend on individual student level and progress.



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Sector Related Credits Level 2	Recommended Credits Level 2
Construction and Infrastructure		
Manufacturing and Technology		
Primary Industries		
Service Industries		25
Social and Community Services		
Creative Industries	37	

MATHEMATICS

MAT101 – Mathematics 101

BRIEF COURSE DESCRIPTION

Number and Algebra, Geometry and Trigonometry, Statistics.

PRIOR STUDY REQUIRED / PREFERRED

Two years of secondary Mathematics and teacher recommendation.
Note that students will be placed in Mathematics classes for Year 11 based on their work and results from Year 10.

COST / EQUIPMENT

\$32 for workbook plus \$10 extra for revision books. This can all be paid in Term 1, or the \$10 can be paid in Term 3.
Scientific or graphics calculator and ruler.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91026	3	1	Number	Apply numeric reasoning in solving problems	I	4	-	4
AS 91027	3	1	Algebra	Apply algebraic procedures in solving problems	E	4	-	4
AS 91028	3	1	Algebra	Investigate relationships between tables, equations and graphs	E	4	-	4
AS 91029	3	1	Algebra	Apply linear algebra in solving problems	I	3	-	3
AS 91030	3	1	Measurement	Apply measurement in solving problems	I	3	-	3
AS 91031	4	1	Geometry	Apply geometric reasoning in solving problems	E	4	-	4
AS 91032	3	1	Trigonometry	Apply right angled triangles in solving measurement problems	I	3	-	3
AS 91035	3	1	Statistics	Investigate multivariate data using the statistical enquiry cycle	I	4	4	4
AS 91036	3	1	Statistics	Investigate bivariate numerical data using the statistical enquiry cycle	I	3	3	3
AS 91037	4	1	Statistics	Demonstrate understanding of chance and data	E	4	-	4
AS 91038	3	1	Probability	Investigate a situation involving elements of chance	I	3	3	3

Each class will study up to 23 credits chosen from the Level 1 credits listed above.



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	23
Manufacturing and Technology	23
Primary Industries	23
Service Industries	23
Social and Community Services	23
Creative Industries	23

Note – Credit value shown is for all 39 credits on offer in this course, final sector credits will be less depending on the 23 credits offered.

MAT102 – Mathematics 102

BRIEF COURSE DESCRIPTION

Number and Algebra, Geometry and Trigonometry, Statistics.

COST / EQUIPMENT

\$12 for workbooks. Scientific or graphics calculator and ruler

PRIOR STUDY REQUIRED / PREFERRED

Two years of secondary Mathematics and teacher recommendation.
Note that students will be placed in Mathematics classes for Year 11 based on their work and results from Year 10.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91026	3	1	Number	Apply numeric reasoning in solving problems	I	4	-	4
AS 91027	3	1	Algebra	Apply algebraic procedures in solving problems	E	4	-	4
AS 91029	3	1	Algebra	Apply linear algebra in solving problems	I	3	-	3
AS 91030	3	1	Measurement	Apply measurement in solving problems	I	3	-	3
AS 91035	3	1	Statistics	Investigate multivariate data using the statistical enquiry cycle	I	4	4	4
AS 91036	3	1	Statistics	Investigate bivariate numerical data using the statistical enquiry cycle	I	3	3	3
AS 91037	4	1	Statistics	Demonstrate understanding of chance and data	E	4	-	4
AS 91038	3	1	Probability	Investigate a situation involving elements of chance	I	3	3	3

Each class will study up to 21 Level 1 credits chosen from those listed above



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	18
Manufacturing and Technology	18
Primary Industries	21
Service Industries	21
Social and Community Services	21
Creative Industries	21

Note – Credit value shown is for all 39 credits on offer in this course, final sector credits will be less depending on the 23 credits offered.

MEDIA STUDIES

MED 101 – Media Studies 101

BRIEF DESCRIPTION OF THE COURSE

This course will look at different forms of the Media and how it has impacted our society over time. It is a mixture of theory and practical work where students will both study and then make a newspaper. They will also learn about the genre of teen films, close read a variety of media texts, look at current issues in the media and complete a study of how individuals interact with the media.

PRIOR STUDY REQUIRED / PREFERRED

Preference given to students who have completed year 10 Media Studies or students who are entered in English 100 or 101

COST / EQUIPMENT

Folder with dividers
\$10 SD card

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90989	2	1	Media Studies	Demonstrate understanding of how individuals interact with the media	I	3	3	3
AS 90990	2	1	Media Studies	Demonstrate understanding of selected elements on media text(s)	I	3	3	-
AS 90995	2	1	Media Studies	Demonstrate understanding of rules that govern the media in New Zealand	I	3	3	-
AS 90992	2	1	Media Studies	Demonstrate understanding of characteristics of a media genre	E	4	4	-
AS 90994	2	1	Media Studies	Complete a media product from a design and plan using a specified range of conventions	I	6	-	-
AS 90993	2	1	Media Studies	Produce a design and plan for a media product using a specified range of conventions	I	3	-	-
Total Number of Level 1 Credits Available in this Course (includes 4 external credits)						22	13	3



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	
Service Industries	13
Social and Community Services	
Creative Industries	22

MUSIC

MUS101 – Music 101

BRIEF COURSE DESCRIPTION

You will perform on your chosen instrument (which may include voice) in both group and solo situations. You will compose music, and study musical works and their eras. You will develop listening and notation skills, score reading and theory.

NOTE: Students taking this subject are required to be having lessons on their chosen instrument, either through the school itinerant programme or privately. Participation in one of the school's music groups is also strongly encouraged.

PRIOR STUDY REQUIRED / PREFERRED

Either Year 10 Advanced Music or good marks in Year 10 Beginner's Music. You must have been learning an instrument for at least 2 full years. You must also apply to the HOD Music if you are not known to the Music Department.

COST / EQUIPMENT

Workbook \$10. Manuscript paper.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91090	3	1	Making Music	Perform two pieces of music as a featured soloist	I	6	-	-
AS 91091	3	1	Making Music	Demonstrate ensemble skills through performing a piece of music as a member of a group	I	4	-	-
AS 91092	3	1	Making Music	Compose two original pieces of music	I	6	-	-
AS 91093	2	1	Making Music	Demonstrate aural and theoretical skills through transcription	E	4	-	-
AS 91094	2	1	Music Studies	Demonstrate knowledge of conventions used in music scores	E	4	4	-
AS 91095	3	1	Music Studies	Demonstrate knowledge of two music works from contrasting contexts	I	6	6	-
Total Number of Level 1 Credits Available in this Course (includes 8 external credits)						30	10	0

Note There are also industry unit standards available in sound technology



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	
Service Industries	
Social and Community Services	
Creative Industries	30

RESISTANT MATERIALS

AWVA Level 1 Engineering Academy – Metal Technology 103

BRIEF COURSE DESCRIPTION

Safety procedures
Study of materials and processes used in the workshop.
Construction of projects using hard materials (steel, aluminium, brass copper and other related materials).

PRIOR STUDY REQUIRED / PREFERRED

Students will be in Year 11 and have completed Year 9 or 10 Metalwork with a high level of motivation and good attendance. Students must refer to the HOD for approval to enter this course.

COST / EQUIPMENT

AWVA academies are “fees free”

STRUCTURE

1 period per day Academy, English, Mathematics, Science and one other option subject.

UNIFORM

Students may choose to purchase an AWVA poloshirt rather than the existing junior uniform shirt.

AVAILABLE QUALIFICATIONS

1. NCEA Level 1 following the recommended standards of the Manufacturing and Technology vocational pathway. **To be eligible for a Level 1 NCEA following the recommended standards of the Manufacturing and Technology vocational pathway, academy students must achieve at least 60 (including a minimum of 20 core) credits from the following pages, meet the NCEA level 1 literacy and numeracy requirements, and achieve a minimum total of 80 credits across all subjects.**
2. National Certificate in Mechanical Engineering Level 1 (NQF Ref 1263) **24 credits compulsory core plus 16 further elective credits are required to achieve the National Certificate. These credits are available through the Science, Mathematics and English options as outlined on the following pages. 40 credits TOTAL**

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
US 22923	2	1	Mechanical Engineering Technology	Demonstrate basic engineering workshop skills under close supervision	I	12	-	-
US 22924	2	1	Mechanical Engineering Technology	Develop a simple product using engineering materials	I	10	-	-
US 22926	2	1	Mechanical Engineering Technology	Demonstrate knowledge of safety procedures in a specific engineering workshop	I	2	-	-
Total Number of Level 1 Credits Available in this Course						24	0	0

* AWVA (Auckland West Vocational Academies) is a government led initiative to improve the educational outcomes for students in particular at Year 12. The level one Engineering Academy leads directly into the successful Level two Automotive Engineering Academy, but also still provides an opportunity for students to work towards NCEA in the same way as the existing Metal Technology 103. The credits offered directly by this subject, combined with credits achieved in English, Mathematics and Science 102 course will allow successful students to complete the National Certificate in Mechanical Engineering.



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	24
Primary Industries	12
Service Industries	
Social and Community Services	
Creative Industries	

RESISTANT MATERIALS

BUI103 – Building 103 (Building, Construction and Trades Skills Level 1)

BRIEF COURSE DESCRIPTION

This course covers skills in communication, maths, quality standards, workshop procedures, job specifications, health and safety, materials knowledge, hand tools, power tools, and operating fixed machinery. This will lead students to Furniture Level 2 and the Carpentry Academy.

PRIOR STUDY REQUIRED / PREFERRED

Previous study not required but previous experience in wood or metal would be a great advantage.

COST / EQUIPMENT

\$60

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
US 24355	1	1	BCATS	Demonstrate knowledge of construction and manufacturing materials used in BCATS projects	I	4	-	-
US 24352	1	1	BCATS	Demonstrate knowledge of an apply safe working practices in the construction of a BCATS project	I	2	-	-
US 24356	1	1	BCATS	Apply elementary workshop procedures and processes for BCATS projects	I	8	-	-
US 12932	3	2	BCATS	Construct timber garden furniture and items of basic construction equipment as a BCATS project	I	8	-	-
US 25919	1	1	BCATS	Use hardware and fastenings for a BCATS projects	I	2	-	-
Total Number of Credits Available in this Course (includes 8 Level 2 credits)						24	0	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits	Sector Related Credits Level 2
Construction and Infrastructure	16	8
Manufacturing and Technology		
Primary Industries	6	
Service Industries		
Social and Community Services		
Creative Industries		

RMT101- Resistant Materials Technology Level 1

BRIEF COURSE DESCRIPTION

This subject gives students the opportunity to research, design and build their own technology project using a range of materials. They will develop an understanding of how materials can be manipulated and will learn how to justify material selection. Passing this course will lead directly into Level 2 Technology.

PRIOR STUDY REQUIRED / PREFERRED

Previous study not required but previous experience in wood or metal would be a great advantage.

COST / EQUIPMENT

\$60

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91049	3	1	Generic Technology	1.6 Demonstrate understanding of how materials enable technological products to function	E	4	4	-
AS 91047	3	1	Generic Technology	1.4 Undertake development to make a prototype to address a brief	I	6	-	-
AS 91057	3	1	Construction and Mechanical Technologies	1.20 Implement basic procedures using resistant materials to make a specific product	I	6	-	-
AS 91059	3	1	Construction and Mechanical Technologies	1.22 Demonstrate understanding of basic concepts used to make products from resistant materials	I	4	-	-
Total Number of Credits Available in this Course (includes 4 external credits)						20	4	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	20
Manufacturing and Technology	20
Primary Industries	20
Service Industries	
Social and Community Services	
Creative Industries	14

SCIENCE

BIO100 – Biology 100 [ONE-SEMESTER COURSE]

BRIEF COURSE DESCRIPTION

Plants, genetics, an investigation and research into a biological issue.

PRIOR STUDY REQUIRED / PREFERRED

An average of at least Merit in the end of year Year 10 Science Exam or at the discretion of the Head of Department.

This course must be taken in conjunction with **one or three** others of CHE101, PHY101, HBI101 or GEO100. Students cannot take this course with SCI102 and should see the HOD if taking with SCI101.

SPECIAL NOTE REGARDING ONE-SEMESTER SCIENCE COURSES

All Year 11 students are required to take at least one Science course, or Geography, in Year 11. SUMMIT and other students who have gained an average grade of merit or better are encouraged to study two or four of the One-Semester Science courses (selected from BIO101, CHE101, HBI101, PHY101) in

Year 11. These courses allow the students to get a thorough education in their areas of interest and experience has shown that this produces the greatest achievement for these students. Other students who are achieving highly in Year 10 Science may also be considered for Year 11 Semester Sciences – see individual entry requirements.

All decisions regarding Science course selections are at the discretion of the HOD Science in consultation with the teacher in charge of the subject area

COST / EQUIPMENT

\$17 for workbooks.

TIMETABLING

Because of the extra time available in Semester 1 compared to Semester 2, each of the 5 One-Semester Level 1 Science courses has an extra standard included for classes timetabled in Semester 1 only.

STANDARDS AND CREDITS AVAILABLE IF TIMETABLED FOR SEMESTER 1

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90948	3	1	Science - Core	Demonstrate understanding of biological ideas relating to genetic variation	E	4	4	-
AS 90925	3	1	Biology	Carry out a practical investigation in a biological context, with direction	I	4	-	4
AS 90926	3	1	Biology	Report on a biological issue. NOTE: First semester only. (This standard will not be included for students timetabled to BIO101 in Semester 2)	I	3	3	-
AS 90928	3	1	Biology	Demonstrate understanding of biological ideas relating to the life cycle of flowering plants	E	4	4	-
Total Number of Level 1 Credits Available in this Course (includes 8 external credits)						15	11	4

STANDARDS AND CREDITS AVAILABLE IF TIMETABLED FOR SEMESTER 2

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90948	3	1	Science - Core	Demonstrate understanding of biological ideas relating to genetic variation	E	4	4	-
AS 90925	3	1	Biology	Carry out a practical investigation in a biological context, with direction	I	4	-	4
AS 90928	3	1	Biology	Demonstrate understanding of biological ideas relating to the life cycle of flowering plants	E	4	4	-
Total Number of Level 1 Credits Available in this Course (includes 8 external credits)						12	8	4



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits Semester 1	Recommended Credits Semester 2
Construction and Infrastructure		
Manufacturing and Technology	8	8
Primary Industries	12	8
Service Industries	4	4
Social and Community Services	8	8
Creative Industries		

SCIENCE

CHE100 - Chemistry 100 [ONE-SEMESTER COURSE]

BRIEF COURSE DESCRIPTION

This course is to be taken in conjunction with one or three others of AST101, BIO101, HBI101, PHY101 or GEO100.

PRIOR STUDY REQUIRED / PREFERRED

At least Merit in Year 10 Science and a similar standard in Mathematics or at the discretion of the appropriate Head of Department.

Students cannot take this course with BIO103, HOR102, SCI101 or SCI103.

SPECIAL NOTE REGARDING ONE-SEMESTER SCIENCE COURSES

All Year 11 students are required to take at least one Science course, or Geography, in Year 11. SUMMIT and other students who have gained an average grade of merit or better are encouraged to study two or four of the One-Semester Science courses (selected from BIO101, CHE101, HBI101, PHY101) in Year 11. These courses allow the students to get a thorough education in their

areas of interest and experience has shown that this produces the greatest achievement for these students. Other students who are achieving highly in Year 10 Science may also be considered for Year 11 Semester Sciences – see individual entry requirements.

All decisions regarding Science course selections are at the discretion of the HOD Science in consultation with the teacher in charge of the subject area

COST / EQUIPMENT

Workbooks \$25

TIMETABLING

Because of the extra time available in Semester 1 compared to Semester 2, each of the 5 One-Semester Level 1 Science courses has an extra standard included for classes timetabled in Semester 1 only.

STANDARDS AND CREDITS AVAILABLE IF TIMETABLED FOR SEMESTER 1

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90932	3	1	Chemistry	Demonstrate understanding of aspects of carbon chemistry	E	4	-	-
AS 90934	4	1	Chemistry	Demonstrate understanding of aspects of chemical reactions	E	4	-	-
AS 90944	4	1	Science - Core	Demonstrate understanding of aspects of acids and bases	E	4	-	-
AS 90930	3	1	Chemistry	Investigate the implications of the properties of metals for their use in society NOTE: First semester only. (This standard will not be included for students timetabled to CHE101 in Semester 2)	I	4	-	4
Total Number of Level 1 Credits Available in this Course (includes 12 external credits)						16	0	0

STANDARDS AND CREDITS AVAILABLE IF TIMETABLED FOR SEMESTER 2

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90932	3	1	Chemistry	Demonstrate understanding of aspects of carbon chemistry	E	4	-	-
AS 90934	4	1	Chemistry	Demonstrate understanding of aspects of chemical reactions	E	4	-	-
AS 90944	4	1	Science - Core	Demonstrate understanding of aspects of acids and bases	E	4	-	-
Total Number of Level 1 Credits Available in this Course (all 12 external credits)						12	0	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits Semester 1	Recommended Credits Semester 2
Construction and Infrastructure	16	12
Manufacturing and Technology	12	8
Primary Industries	16	12
Service Industries	4	
Social and Community Services		
Creative Industries	4	4

SCIENCE

HBI 100- Human Biology 100 [ONE-SEMESTER COURSE]

BRIEF COURSE DESCRIPTION

Life processes, micro-organisms, mammals and biological research.

PRIOR STUDY REQUIRED / PREFERRED

An average of at least Merit in the end of year Year 10 Science Exam or at the discretion of the Head of Department.

This course must be taken in conjunction with **one or three** others of BIO101, CHE101, PHY101 or GEO100. Students cannot take this course with SCI102 and should see the HOD if taking with SCI101.

SPECIAL NOTE REGARDING ONE-SEMESTER SCIENCE COURSES

All Year 11 students are required to take at least one Science course, or Geography, in Year 11. SUMMIT and other students who have gained an average grade of merit or better are encouraged to study two or four of the One-Semester Science courses (selected from BIO101, CHE101, HBI101, PHY101) in

Year 11. These courses allow the students to get a thorough education in their areas of interest and experience has shown that this produces the greatest achievement for these students. Other students who are achieving highly in Year 10 Science may also be considered for Year 11 Semester Sciences – see individual entry requirements.

All decisions regarding Science course selections are at the discretion of the HOD Science in consultation with the teacher in charge of the subject area

COST / EQUIPMENT

Workbooks \$17

TIMETABLING

Because of the extra time available in Semester 1 compared to Semester 2, each of the 5 One-Semester Level 1 Science courses has an extra standard included for classes timetabled in Semester 1 only.

STANDARDS AND CREDITS AVAILABLE IF TIMETABLED FOR SEMESTER 1

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90949	3	1	Science - Core	(Science 1.10) Investigate life processes and environmental factors that affect them	I	4	-	-
AS 90927	3	1	Science - Core	(Biology 1.3) Demonstrate understanding of biological ideas relating to micro-organisms	E	4	4	-
AS 90926	3	1	Biology	(Biology 1.2) Report on a biological issue NOTE: First semester only. (This standard will not be included for students timetabled to HBI101 in Semester 2)	I	3	3	-
AS 90929	4	1	Biology	(Biology 1.5) Demonstrate understanding of biological ideas relating to a mammal as a consumer	E	3	3	-
Total Number of Level 1 Credits Available in this Course (includes 7 external credits)						14	10	0

STANDARDS AND CREDITS AVAILABLE IF TIMETABLED FOR SEMESTER 2

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90949	3	1	Science - Core	(Science 1.10) Investigate life processes and environmental factors that affect them	I	4	-	-
AS 90927	3	1	Science - Core	(Biology 1.3) Demonstrate understanding of biological ideas relating to micro-organisms	E	4	4	-
AS 90929	4	1	Biology	(Biology 1.5) Demonstrate understanding of biological ideas relating to a mammal as a consumer	E	3	3	-
Total Number of Level 1 Credits Available in this Course (includes 7 external credits)						11	7	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits Semester 1	Recommended Credits Semester 2
Construction and Infrastructure		
Manufacturing and Technology	4	1
Primary Industries	10	7
Service Industries	7	7
Social and Community Services	11	11
Creative Industries	4	4

SCIENCE

PHY100 – Physics 100 [ONE-SEMESTER COURSE]

BRIEF COURSE DESCRIPTION

Mechanics and electricity.

PRIOR STUDY REQUIRED / PREFERRED

Students need a Merit grade in Year 10 Science **and** a similar standard in Mathematics **or** at the discretion of the appropriate Head of Department. This course must be taken in conjunction with **one or three** others of BIO101, CHE101, HBI101 or GEO100. Students can only take this course with SCI101 at the discretion of the Head of Science.

SPECIAL NOTE REGARDING ONE-SEMESTER SCIENCE COURSES

All Year 11 students are required to take at least one Science course, or Geography, in Year 11.

SUMMIT and other students who have gained an average grade of merit or better are encouraged to study two or four of the One-Semester Science courses

(selected from BIO101, CHE101, HBI101, PHY101) in Year 11. These courses allow the students to get a thorough education in their areas of interest and experience has shown that this produces the greatest achievement for these students. Other students who are achieving highly in Year 10 Science may also be considered for Year 11 Semester Sciences – see individual entry requirements.

All decisions regarding Science course selections are at the discretion of the HOD Science in consultation with the teacher in charge of the subject area

COST / EQUIPMENT

\$16 Workbook

TIMETABLING

Because of the extra time available in Semester 1 compared to Semester 2, each of the 5 One-Semester Level 1 Science courses has an extra standard included for classes timetabled in Semester 1 only.

STANDARDS AND CREDITS AVAILABLE IF TIMETABLED FOR SEMESTER 1

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90940	3	1	Science	(Science 1.1) Demonstrate understanding of aspects of mechanics	E	4	-	4
AS 90937	3	1	Physics	(Physics 1.3) Demonstrate understanding of aspects of electricity and magnetism.	E	4	-	4
AS 90935	3	1	Physics	(Physics 1.1) Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	I	4	-	4
AS 90936	3	1	Physics	(Physics 1.2) Demonstrate understanding of the physics of an application	I	2	2	-
Total Number of Level 1 Credits Available in this Course (includes 8 external credits)						14	2	12

STANDARDS AND CREDITS AVAILABLE IF TIMETABLED FOR SEMESTER 2

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90940	3	1	Physics	(Science 1.1) Demonstrate understanding of aspects of mechanics	E	4	-	4
AS 90937	3	1	Physics	(Physics 1.3) Demonstrate understanding of aspects of electricity and magnetism.	E	4	-	4
Total Number of Level 1 Credits Available in this Course (includes 8 external credits)						8	0	8



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits Semester 1	Recommended Credits Semester 2
Construction and Infrastructure	14	8
Manufacturing and Technology	14	8
Primary Industries	10	4
Service Industries	4	4
Social and Community Services	10	4
Creative Industries	14	8

SCIENCE

SCI101 - Science 101

BRIEF COURSE DESCRIPTION

This is a course involving Chemistry, Physics, Biology and Earth Science. Credits gained count for NCEA Level 1. Students can progress to CHE201, PHY201, BIO201, SCI201 or SCI202, if their achievement is satisfactory.

PRIOR STUDY REQUIRED / PREFERRED

Students will be directed to SCI101 or SCI102 by the HOD based on work in Year 10. Students cannot take this course with CHE101, PHY101, BIO101, HBI101, or SCI102.

COST / EQUIPMENT

\$22 for workbooks, A calculator is needed.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90940	3	1	Science	(Sci 1.1) Demonstrate understanding of aspects of mechanics	E	4	-	4
AS 90944	4	1	Science - Core	(Sci 1.5) Demonstrate an understanding of aspects of acids and bases.	E	4	-	-
AS 90948	3	1	Science - Core	(Sci 1.9) Demonstrate understanding of biological ideas relating to genetic variation.	E	4	4	-
AS 90949	3	1	Science - Core	(Sci 1.10) Investigate life processes and environmental factors that affect them.	I	4	-	-
AS 90935	3	1	Physics	(Physics 1.1) Carry out a practical physics investigation that leads to a linear mathematical relationship, with direction	I	4	-	4
AS 90946	3	1	Science - Core	(Sci 1.7) Investigate the implications of the properties of metals for their use in society	I	4	-	-
Total Number of Level 1 Credits Available in this Course (includes 12 external credits)						24	4	8



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	16
Manufacturing and Technology	20
Primary Industries	24
Service Industries	8
Social and Community Services	16
Creative Industries	20

SCI102 – Science 102

BRIEF COURSE DESCRIPTION

This is a course for students who have a preference for internal assessment. There is one external assessment. The course covers all Science topics Biology, Physics, Chemistry, Earth Science and some aspects of Horticulture. Students may carry on to do Science 201 in Year 12 or the 201 courses if they have achieved sufficient credits.

PRIOR STUDY REQUIRED / PREFERRED

Students will be directed to SCI101 or SCI102 by the HOD based on work in Year 10. Students cannot take this course with CHE101, PHY101, BIO101, or HBI101.

METHOD OF ASSESSMENT

Internal- assessments, (5 standards).
External- exam (1 standard).

COST / EQUIPMENT

\$10 (workbook)

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 90927	3	1	Science - Core	(Biology 1.3) Demonstrate understanding of biological ideas relating to micro-organisms	E	4	-	-
AS 90949	3	1	Science - Core	(Science 1.10) Investigate life processes and environmental factors that affect them.	I	4	-	-
AS 90946	3	1	Science - Core	(Science 1.7) Investigate the implications of the properties of metals for their use in society	I	4	-	-
AS 90955	3	1	Science - Core	(Science 1.16) Investigate an astronomical or Earth Science event.	I	4	4	-
AS 90923	2	1	Agricultural Horticultural Science	(A HS 1.9) Demonstrate knowledge of basic plant propagation techniques.	I	4	4	-
AS 90922	2	1	Agricultural Horticultural Science	(AHS 1.8) Design a landscape plan that reflects user requirements.	I	3	-	-
AS 90954	3	1	Science - Core	(Science 1.15) Demonstrate understanding of the effects of astronomical cycles on planet Earth.	I	4	4	-
Total Number of Level 1 Credits Available in this Course (including 4 external credits)						27	12	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	4
Manufacturing and Technology	4
Primary Industries	27
Service Industries	4
Social and Community Services	8
Creative Industries	12

SOCIAL SCIENCES

GEO100 – Geography 100

(One semester only – to complement three of Bio101, Che101, HBi101 or Phy101)

PRIOR STUDY REQUIRED / PREFERRED

This course is for more able students who will be studying three of the Semester Science courses in conjunction with Geo100.

Students will gain a wide range of geographic skills including research, map and photograph interpretation, and statistical analysis

BRIEF DESCRIPTION OF THE COURSE

The course introduces students to natural hazards, urban geography and resource management. A contemporary geographical issue and a global study will also be completed.

COST/EQUIPMENT

\$18 course fee provides students with a geography skills homework book. 2B8, calculator, set of coloured pencils, ruler, pencil, eraser, glue stick.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91007	3	1	Geography	1.1 Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s)	E	4	4	-
AS 91011	3	1	Geography	1.5 Conduct geographic research, with direction	I	4	4	4
AS 91012	2	1	Geography	1.6 Describe aspects of a contemporary New Zealand geographic issue	I	3	3	-
AS 91013	2	1	Geography	1.7 Describe aspects of a geographic topic at a global scale	I	3	3	-
US 9677	9	2	Communication Skills	Participate in a team or group which has an objective	I	3	-	-
AS 91010	2	1	Geography	1.4 Apply concepts and basic geographic skills to demonstrate understanding of a given environment – optional	E	4	-	4
Total Number of Level 1 Credits Available in this Course (includes 8 external credits)						21	14	8



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits Level 1	Recommended Credits Level 2
Construction and Infrastructure	4	3
Manufacturing and Technology		
Primary Industries	15	
Service Industries	19	
Social and Community Services	3	
Creative Industries	10	

GEO101 – Geography 101

PRIOR STUDY REQUIRED / PREFERRED

An Asttle reading age greater than Level 4 or at the discretion of the HOD.

Students will gain a wide range of geographic skills including research, map and photograph interpretation, and statistical analysis. Fieldwork visit to a dairy farm.

BRIEF DESCRIPTION OF THE COURSE

The course introduces students to natural hazards, urban geography, and resource management.

A contemporary geographical issue and a global study will also be completed.

COST / EQUIPMENT

\$18 course fee provides students with a geography skills homework book. \$10 fieldwork visit – dairy farm. 2B8, calculator, set of coloured pencils, ruler, pencil, eraser, glue stick.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91007	3	1	Geography	1.1 Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s)	E	4	4	-
US 9677	9	2	Communication Skills	Participate in a team or group which has an objective	I	3	-	-
AS 91009	3	1	Geography	1.3 Demonstrate geographic understanding of the sustainable use of an environment	I	3	3	-
AS 91010	2	1	Geography	1.4 Apply concepts and basic geographic skills to demonstrate understanding of a given environment	E	4	-	4
AS 91011	3	1	Geography	1.5 Conduct geographic research, with direction	I	4	4	4
AS 91012	2	1	Geography	1.6 Describe aspects of a contemporary New Zealand geographic issue	I	3	3	-
AS 91013	2	1	Geography	(Geography 1.7) Describe aspects of a geographic topic at a global scale	I	3	3	-
Total Number of Level 1 Credits Available in this Course (includes 8 external credits)						24	17	8



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits Level 1	Recommended Credits Level 2
Construction and Infrastructure	4	3
Manufacturing and Technology		
Primary Industries	18	
Service Industries	21	
Social and Community Services	3	
Creative Industries	10	

SOCIAL SCIENCES

GEO102 – Applied Geography 102

PRIOR STUDY REQUIRED / PREFERRED

Successful completion of yr 10 Social Studies course, at the discretion of Social Studies teacher/ HOD.

Students will gain a wide range of geographic skills including research, map and photograph interpretation, and statistical analysis. Successful completion of this course will allow entry to all Level 2 Geography courses. This course studies fewer settings in each of the above topics than Geography 101 and is more “hands-on”.

BRIEF DESCRIPTION OF THE COURSE

The course introduces students to natural hazards, tourism geography and urban geography. A contemporary geographical issue and a global study will also be completed.

COST / EQUIPMENT

\$18 course fee provides students with a geography skills homework book. 2B8, calculator, set of coloured pencils, ruler, pencil, eraser, glue stick.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
US 24726	1	2	Tourism	Describe and compare social and cultural impacts of tourism	I	3	-	-
US 9677	9	2	Communication Skills	Participate in a team or group which has an objective	I	3	-	-
AS 91007	3	1	Geography	1.1 Demonstrate geographic understanding of environments that have been shaped by extreme natural event(s)	E	4	4	-
AS 91010	2	1	Geography	1.4 Apply concepts and basic geographic skills to demonstrate understanding of a given environment	E	4	-	4
AS 91011	3	1	Geography	1.5 Conduct geographic research, with direction	I	4	4	4
AS 91012	2	1	Geography	1.6 Describe aspects of a contemporary New Zealand geographic issue	I	3	3	-
AS 91013	2	1	Geography	1.7 Describe aspects of a geographic topic at a global scale	I	3	3	-
Total Number of Level Credits Available in this Course (includes 8 external credits)						24	14	8



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits Level 1	Recommended Credits Level 2	Sector Related Credits Level 2
Construction and Infrastructure	4	3	
Manufacturing and Technology			
Primary Industries	15		
Service Industries	18		3
Social and Community Services	3		
Creative Industries	10		

SOCIAL SCIENCES

HIS101 History 101

BRIEF COURSE DESCRIPTION

Deals with some of the major problems and events of the 20th century with an emphasis on personalities and conflicts. Topics could include Black Civil Rights in the U.S.A., Hitler and the rise of the Nazi party, and New Zealand Brits, 'Boks and Bombs.

PRIOR STUDY REQUIRED / PREFERRED

At least 65% grade in Year 10 Social Studies.

COST / EQUIPMENT

\$10 for printing, a small charge for any field trips.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91001	3	1	History	(History 1.1) Carry out an investigation of an historical event, or place, of significance to New Zealanders	I	4	4	-
AS 91002	3	1	History	(History 1.2) Demonstrate understanding of an historical event, or place, of significance to New Zealanders	I	4	4	-
AS 91003	3	1	History	(History 1.3) Interpret sources of an historical event of significance to New Zealanders	E	4	4	-
AS 91004	3	1	History	(History 1.4) Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	I	4	4	-
AS 91005	3	1	History	(History 1.5) Describe the causes and consequences of an historical event	E	4	4	-
AS 91006	4	1	History	(History 1.6) Describe how a significant historical event affected New Zealand society	E	4	4	-
Total Number of Level 1 Credits Available in this Course (includes 12 external credits)						24	24	0



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	
Service Industries	16
Social and Community Services	12
Creative Industries	24

HIS102 History 102

BRIEF COURSE DESCRIPTION

Deals with some of the major problems and events of the 20th century with an emphasis on personalities and conflicts. Topics could include Black Civil Rights in the U.S.A., Hitler and the rise of the Nazi party, and New Zealand Brits, 'Boks and Bombs.

PRIOR STUDY REQUIRED / PREFERRED

Open entry. However, a reasonable level of literacy is required for this subject.

COST / EQUIPMENT

\$10 for printing. A small charge for any field trips.

STANDARDS AND CREDITS AVAILABLE

Standard Number	Ver	Level	Domain	Brief Description	Int or Ext	Credits	Lit Credits	Num Credits
AS 91001	3	1	History	(History 1.1) Carry out an investigation of an historical event, or place, of significance to New Zealanders	I	4	4	-
AS 91002	3	1	History	(History 1.2) Demonstrate understanding of an historical event, or place, of significance to New Zealanders	I	4	4	-
AS 91004	3	1	History	(History 1.4) Demonstrate understanding of different perspectives of people in an historical event of significance to New Zealanders	I	4	4	-
AS 91005	3	1	History	(History 1.5) Describe the causes and consequences of an historical event	E	4	4	-
AS 91006	4	1	History	(History 1.6) Describe how a significant historical event affected New Zealand society	E	4	4	-
Total Number of Level 1 Credits Available in this Course (includes 8 external credits)						20	20	0

Some unit standards may also be offered.



CREDITS COUNTING TOWARDS VOCATIONAL PATHWAY SECTORS IN THIS COURSE (DRAFT)

Vocational Pathway Sector	Recommended Credits
Construction and Infrastructure	
Manufacturing and Technology	
Primary Industries	
Service Industries	12
Social and Community Services	8
Creative Industries	20

MASSEY HIGH SCHOOL

2016 YEAR 11 PATHWAY SELECTION FORM

SURNAME: _____ Current Form Class _____

FIRST NAME: _____ Gender: (circle one) M / F

Tick one I **AM RETURNING** to MHS in 2016 I am **NOT RETURNING**
(Just sign the bottom of this form if not returning.)

Subjects 2016 All students study 5 subjects in Year 11.

Subject 1 **English** (compulsory)

Note: The HOD English and the HOD Mathematics will check that the correct level of English or Mathematics is entered, based on results from 2015.

Subject 2 **Mathematics** (compulsory)

Check with your Science teacher whether to tick Sci101 or 102 etc. If choosing Geography (included as a Science subject for this selection) ask your Social Studies teacher

(ii) A full year study of Science is compulsory

Tick one only from the Science selections below.

Subject 3 Science 101 Signature of Science Teacher _____
 Subject 3 Science 102 Signature of Science Teacher _____
 Subject 3 Geography 101 Signature of Social Studies Teacher _____
 Subject 3 Geography 102 Signature of Social Studies Teacher _____
 Semester Sciences *Fill in below (bottom of form) – with signatures*

(ii) “Open Choice” Subjects

Write below the **two** “open choice” subjects that you would like to take next year.

[Note 1. It is permissible to select an extra Science subject, or to choose Geography in addition to a Science subject.]

[Note 2. If you choose four one-semester Science subjects below, you need to choose just one “open choice” subject – subject 5.]

Subject 4 _____ Signature of Subject Teacher _____
 Subject 5 _____ Signature of Subject Teacher _____

For All Students - You must choose an Alternative Subject for 2016 in case one of your selections is unavailable

Alternative _____ Signature of Subject Teacher _____

For those eligible to study Semester Sciences, tick two or four of the following one-semester courses: Note that entry to one-semester Science courses depends on high results in Year 10 Science.

[Ticking four of these semester sciences will replace subjects 3 and 4 above, ticking just two is in place of subject 3 above.]

Biology 100 Signature of Mr Hackett or Mrs Skevington _____
 Chemistry 100 Signature of Mr P. Yin _____
 Geography 100 Signature of Mrs J. Butcher _____
 Human Bio 100 Signature of Mr Hackett or Ms Skevington _____
 Physics 100 Signature of Mr R. Francis _____

COURSE COHERENCY - ENTER THE VOCATIONAL PATHWAY CREDIT COUNT FOR YOUR 2016 COURSE SELECTION

Vocational Pathway Sector	English (minimum)	Mathematics (minimum)	Subject 3	Subject 4	Subject 5	MINIMUM CREDIT TOTAL
Construction and Infrastructure	12	18				
Manufacturing and Technology	6	18				
Primary Industries	12	21				
Service Industries	16	21				
Social and Community Services	12	21				
Creative Industries	12	21				

(Course Coherency Check - does the vocational pathway sector you are most interested in have the highest total?)

Student's Signature _____ Date _____

Signature of Parent(s) / Guardian(s) _____

Don't forget to visit the FUTURE PATHWAYS displays on 20 August at Massey High School