

TUAKAU COLLEGE
2022
SENIOR COURSE BOOKLET
FOR LEVEL 3



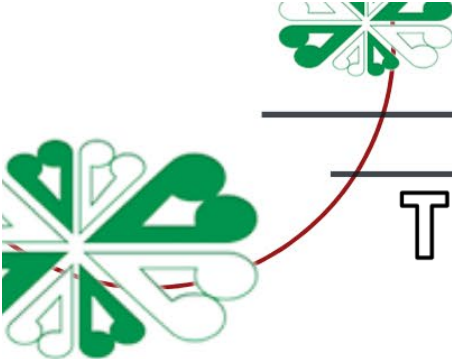


TABLE OF CONTENTS

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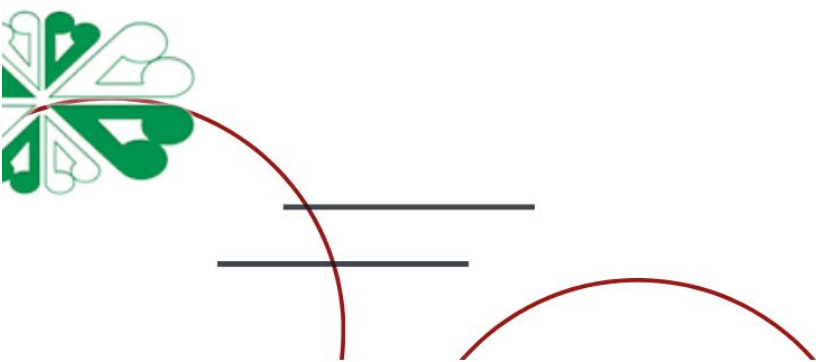
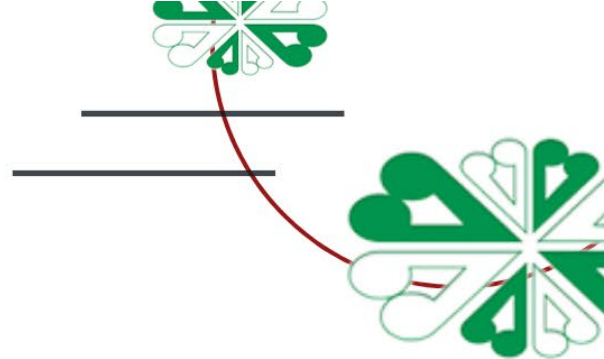
INTRODUCTION	1
CHOOSING SUBJECTS	1
VOCATIONAL PATHWAYS	2
PLANNING YOUR PROGRAMME	3
SUBJECT SELECTION TIME FRAME	4
PLANNING SHEET	5
SELECTING AND CHECKING MY SUBJECTS	6
LEVEL 3 (YEAR 13)	7
NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)	7
ENDORSEMENT OF NATIONAL CERTIFICATE	8
MINIMUM QUALIFICATIONS FOR UNIVERSITY ENTRANCE	9
TERTIARY ENTRY REQUIREMENTS INFORMATION	9
UNIVERSITY ENTRANCE NZQA APPROVED SUBJECTS	10
TERTIARY INSTITUTION WEBSITES	10
LEARNING PATHWAYS	11-13

LEVEL 3

ACCOUNTING
ART PAINTING
ART PHOTOGRAPHY
BUILDING CONSTRUCTION
BIOLOGY
CALCULUS
CHEMISTRY
DESIGN AND VISUAL COMMUNICATION
ECONOMICS
ENGLISH
GEOGRAPHY
HEALTH
HISTORY
HORTICULTURE
HOSPITALITY
MEDIA STUDIES
MUSIC
OUTDOOR EDUCATION



PHYSICAL EDUCATION
PHYSICS
PRODUCT DESIGN
SPORTS LEADERSHIP (PHYSICAL EDUCATION)
SPANISH
STATISTICS
TE REO MAORI
SOFT MATERIALS TECHNOLOGY
TOURISM



INTRODUCTION TO SUBJECT SELECTION AT

TUAKAU COLLEGE

Pai rawa atu i nga mea katoa | The very best in all things

This guide provides students and their parents/caregivers with information about the subjects available at the senior level of Tuakau College. It is hoped this information will assist students and their parents/caregivers as they seek to make the right decisions about next year's course of study.

The selection of subjects to be studied at Years 11, 12 and 13 has become a very important decision in a student's education. Students are now given a wide choice and this has a major effect in terms of their future direction both in education and in a career.

It becomes more difficult to change direction as you progress further into the senior school and tertiary institutions so think carefully, consult widely and choose wisely.

CHOOSING SUBJECTS

Study the charts which detail the subjects available at Tuakau College, paying particular attention to the way in which subjects lead to others at a higher level.

Note carefully those subjects that stop at a particular level, and plan how you will fill your options if you continue to study at Tuakau College.

Students should seek to follow a broad-based, general course of study for as long as possible. Early specialisation is not recommended.

Entry to some careers and some tertiary courses can be made easier by selecting appropriate secondary courses. The Careers Advisor can be consulted for information on these requirements. If you have a well-planned career choice which requires a Level Three qualification, start with the subjects you will need at that level and work backwards to Level Two then Level One.

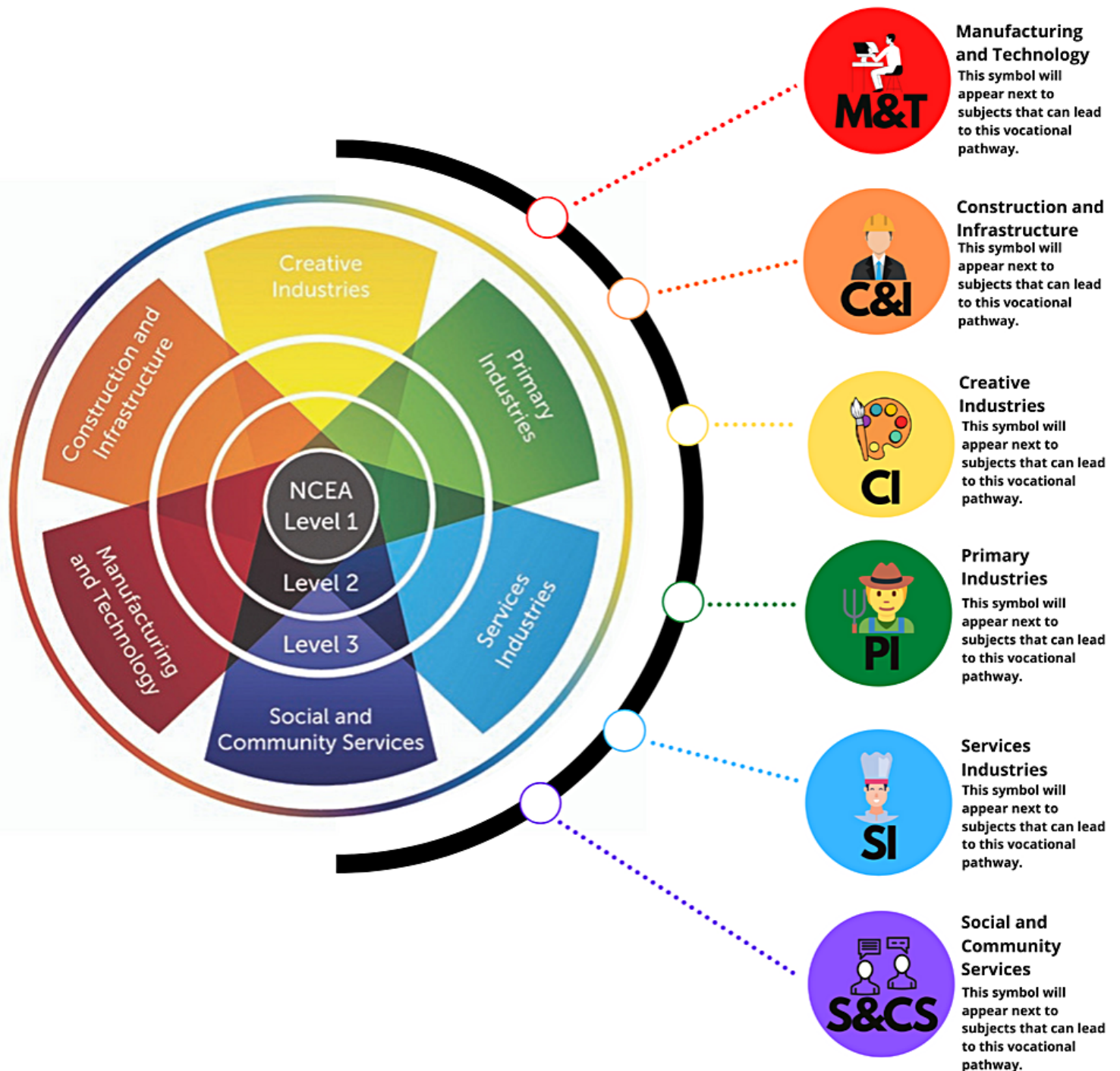
Your course will work best for you if you consider the following when choosing:

- Will my subjects help me in my **future learning and career**?
- Am I interested in the subject?
- Is there continuity with the subjects at the Year 12 and 13 levels?
- Do I meet the entry requirements for the course?
- Will I meet the **literacy and numeracy requirements** for NCEA Level One or for University Entrance?
- Will I have a good chance of **success**?

To make good decisions you need the right information. Check that you have discussed your subject choices with your family, teachers, whanau teacher, Levels Dean and the Careers Advisor.

The school reserves the right to cancel or to change a course.

VOCATIONAL PATHWAYS



The Ministry of Education has introduced 'Vocational Pathways.' Vocational Pathways are a tool that creates a framework for vocational options and they are meant to improve the links between education and employment.

There are five pathways which are meant to help students develop their own individual education plan so they are better informed and able to make good choices to meet their goals.

SUBJECTS IN THIS BOOKLET WILL BE COLOUR CODED AS TO WHAT VOCATIONAL PATHWAY THEY RELATE TO.

THE VOCATIONAL PATHWAYS



Construction and Infrastructure Sector: Includes vocations such as plumber/gasfitter, civil engineer, and architect.



Services Industries Sector: Includes vocations such as chef, travel agent, hair dresser, retailer, fitness trainer.



Manufacturing and Technology Sector: Includes vocations such as welder, automotive engineer, boat builder, electrician, graphic designer.



Primary Industries Sector: Includes vocations such as dairy farmer, forestry contractor, horticultural worker, vet nurse.



Social and Community Services Sector: Includes vocations such as doctor, nurse, fire fighter, police officer.



Creative Industries: Includes vocations such as artist, graphic designer, screen printer, actor, art director, stage/set designer.

More information can be found on the website <http://youthguarantee.net.nz/vocational-pathways>

PLANNING YOUR PROGRAMME

- The NZ Curriculum requires students to study a broad balanced curriculum based on the Key Competencies and Values. The Key Competencies of thinking; using language, symbols and texts; managing self; relating to others, and participating and contributing.
- This booklet is designed to help you make a careful choice of subjects in the Senior school. These choices are important for your future and it is vital that you choose the right course direction as the further you go in the Senior college, the more difficult it becomes to change that direction.
- Students seek tertiary qualifications for a range of reasons: to learn technical skills, to gain training and enhance entry in specific areas, to broaden employment opportunities and to provide entry to particular professional areas.
- Study the diagram showing the Learning Pathways on Page 12-13. Note particularly those which carry through and those which stop at Year 11 or 12. Read the descriptions in the booklet for those subjects that will suit your course.
- If you are uncertain about your career, keep your options open by keeping your subject choice as broadly based as possible. English, Mathematics and Science are necessary in so many careers. These subjects provide the foundation for communication and numeracy skills. Try to include them in your courses for as long as possible.
- Some subjects have direct career links, especially those such as Workshop Technology (hard materials-wood/metal), DVC and Art. If you are considering leaving school after Level One, you may find transition into work easier if you include such subjects.
- Check on career opportunities and subject requirements. Talk to your teachers, Heads of Departments and Teachers in Charge of subject areas, your Dean and the Careers Advisor. Look through the information on <http://www.careers.govt.nz/>
- Go to <http://www.nzqa.govt.nz/qualifications-standards/standards/standards-exclusion-list/>

TUAKAU COLLEGE
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SUBJECT SELECTION TIME FRAME

PARENT TEACHER INTERVIEWS

Tuesday 17th August and Thursday 19th August - PARENT TEACHER INTERVIEWS

During Parent Teacher Interviews parents will have the opportunity to talk to Teachers in Charge/Head of Learning teachers about the subjects being offered in 2022 at Senior level.

There will be a map with the names of the teachers who can provide information for parents, as well as some copies of the Subject Selection Booklets for parents to peruse.

KAMAR PORTAL

Friday 20th August - KAMAR PORTAL OPENS

The KAMAR Portal will open for students that will be Year 11, 12 and 13 in 2022 to select their subjects.

Students that do not have access to the KAMAR Portal can see Mrs Stilwell for paper copies of the Subject Selection Booklet and forms.

DUE DATE

Friday 10th September - SUBJECT SELECTION FORMS DUE

Last day to hand in Subject Selection forms, either by paper or the KAMAR Portal.

HOD

Friday 1st October - HOL TEACHERS

Head of Learning teachers will be given subject lists to look at.

NCEA

Mid-January 2022 - NCEA RESULTS COME OUT

NCEA results come out. Minor adjustments made for entry to Year 12 and Year 13.

NOTE: If the 'Entry requirements' for your chosen subjects depends on NCEA results, then those subjects are regarded as provisional only.

PLANNING SHEET

By now you will have completed two-thirds of your school year.
Before the Subject Selection process begins you should consult with your teachers, Whaanau Dean, Academic Dean or Careers Advisor.

When I leave school I hope to:

Don't know	Get a job immediately	Do a diploma or certificate at polytechnic or some other training	Do a degree at university or polytechnic or do teacher training																								
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This means I must keep my course as general as possible	As a: -----	Training will possibly be in: ----- ----- -----	The degree will possibly be in: ----- ----- -----																								
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VISION:
Tuakau College prepares students for life through a quality education promoting excellence in all things.

STRATEGIC GOALS: TUAKAU COLLEGE WILL:

Maximize opportunities for student achievement.

Lead development in local education in a continuously changing world.

Be the heart of the community where everyone wants to be.

EXCELLENCE Tino pai rawa

Pai rawa atu i nga mea katoa.
The very best in all things.

PERSEVERANCE U tonutanga

Kaua e mate wheke maite ururoa.
Don't give up like an octopus but fight like a hammerhead shark.

INTEGRITY Ngakau Tapatahi

Kaua e tokohia te mana o te tangata.
Do not trample on the mana of the people.

CARING • LOVE • RESPECT Manaaki • Aroha • Whakaute

He aha te mea nui? Maku e ki atu.
He tangata he tangata.
What is the greatest thing? It is people, it is people, it is people.

SELECTING AND CHECKING MY SUBJECTS

Read the subject descriptors in this handbook to help you complete this chart.

What Subjects do I enjoy?	Do I have a good chance of success in each of these subjects? (Yes / No)	Will I have the prerequisites for these subjects? (Yes / No)	What does this subject lead to? Study the learning area flow charts and the descriptions of where each course leads to make sure it leads on to a full range of other subjects, so that there is coherence about what you study in the senior school.	University Entrance at Level 3 ? (Yes/No)

Year 12 – What subjects do I have to take?

YEAR 13

Most Level Three subjects have prerequisites which must be met before the subject can be taken. There are no compulsory subjects. Students choose five subjects from any level.

Level Three NCEA courses are made up of both internal and external assessments.

In some cases where students in Year 13 have not yet achieved Level Two NCEA, they may decide to study a combination of Level Two subjects to complete this certificate and Level Three subjects so that they also work towards achieving NCEA Level Three. There is also an opportunity to study a subject which may offer a combination of Level Two and Three credits.

Scholarships – A separate Scholarship exam will be offered for students to sit if they desire.

Entry requirements for University are available in the section dealing with Minimum qualifications for University Entrance and University Entrance NZQA Approved Subjects.

Note for entry requirements for other tertiary providers please see the Careers Adviser.

NATIONAL CERTIFICATE OF EDUCATIONAL ACHIEVEMENT (NCEA)

To earn a Level One National Certificate of Educational Achievement, students need to gain 80 credits at any level, including 10 credits in both Numeracy and Literacy.

To earn a Level Two National Certificate of Educational Achievement, students need to gain 80 credits at any level, 60 credits of which are at Level Two or above (including the Literacy/Numeracy requirements for Level One).

To earn a Level Three National Certificate of Educational Achievement, students will need to gain 80 credits at any level, 60 of which are at Level Three or above.

Most Level One, Two or Three courses will offer Achievement Standards, Unit Standards or a combination of both and will offer at least 15 credits. A breakdown of the assessments for each course (whether it is internal or external) and credit ratings, are included in the following pages.

For more information refer to the information available on the NZQA website: www.ncea.govt.nz

ENDORSEMENT REQUIREMENTS

Excellence Endorsement in a Subject

Achieve 14 or more credits with Excellence in a subject, including:

3 Excellence credits in Internally Assessed Standards

PLUS 3 Excellence credits in Externally Assessed Standards

Merit Endorsement in a Subject

Achieve 14 or more credits with Merit in a subject, including:

3 Merit credits in Internally Assessed Standards

PLUS 3 Merit credits in Externally Assessed Standards

Achieved Endorsement in a Subject

Achieve 14 or more credits with Achieved in a subject, including:

3 Achieved credits in Internally Assessed Standards

PLUS 3 Achieved credits in Externally Assessed Standards

Course Endorsement

Endorsed with Merit

Achieve 50+ credits with Merit across a range of subjects

Endorsed with Excellence

Achieve 50+ credits with Excellence across a range of subjects

MINIMUM QUALIFICATIONS FOR UNIVERSITY ENTRANCE

10 credits in Level 1 Maths or higher (Numeracy credits)

+

10 credits in Level 2 Literacy or higher (literacy credits)
(Literacy credits MUST include 5 reading credits and 5 writing credits)

+

60 credits at Level Three which includes three University Approved subjects, gaining a minimum of 14 credits in each.

TERTIARY ENTRY REQUIREMENTS INFORMATION

Admission to the University of Auckland course

The Preferential Entry Score from NCEA, for most undergraduate qualifications (Bachelor Degrees) is 140 points or higher. Your rank score will be calculated by:

- Identifying your BEST 80 credits at Level Three from a maximum of 5 approved subjects
- Awarding 4 points for credits achieved with Excellence, 3 points for credits achieved with Merit and 2 points for credits Achieved.

Both Achievement Standards and Unit Standards in approved subjects will be counted.

NOTE - University Entrance is also required. For more information regarding tertiary institutions entry requirements please see the Careers Advisor.



UNIVERSITY ENTRANCE NZQA APPROVED SUBJECTS

The Board of the Qualifications Authority has approved the list of approved subjects for University Entrance. Achievement from subjects that are not in the 'Approved Subjects' list can be used for University Entrance purposes, provided that 14 credits come from no more than two domains. NOTE: some common courses of study, such as Home Economics, Outdoor Education and Technology are based on standards from more than one domain.

The table on the following page lists each approved subject for University Entrance taught at Tuakau College.

NZQA APPROVED SUBJECTS

Approved Subjects	Field/Subfield/Domain/Standards
Accounting	Domain Accounting - Generic
Agriculture and Horticulture	Domain Agricultural and Horticultural Science
Biology	Domain Biology
Business Studies (New 2012)	Domain Business Studies
Chemistry	Domain Chemistry
Computing	Domain Generic Computing - US 18741 and US 18749
Design (Practical Art)	AS90515, AS90516, AS90517, US9072, US9073
Economics	Domain Economics
English	Sub-field English
Geography	Domain Geography
German	Domain German
Graphics (DVC)	Sub-field Design
Health Education	Domain Health Education
History	Domain History
Home Economics (New 2012)	Domain Food Technology and Nutrition and AS90535
Mathematics with Calculus	Domain Trigonometry, Domain Geometry, Domain Calculus AS90638, AS90639, US5267, US11102, US12344
Statistics and Modelling	Sub-field Statistics and Probability AS90644, AS90647, US5256, US5264, US5262, US5272
Media Studies	Domain Media Studies
Music Studies	Domain Music Studies or Making Music
Painting (Practical Art)	AS90659, AS90663, AS90667, US9066, US9067
Photography (Practical Art)	AS90660, AS90664, AS90668, US9064, US9065
Physical Education	Domain Physical Education
Physics	Domain Physics
Printmaking (Practical Art)	AS90661, AS90665, AS90669, US9069, US9068
Science	Domain Core Science, Domain Earth Science
Spanish	Domain Spanish
Social Studies	Domain Social Studies
Technology	Domain Technology - General Education
Te Reo Maaori (Change 2021 - no exclusion with Te Reo Rangatira)	Domain Kōrero, Pānui, Tuhituhi and Whakarongo

TERTIARY INSTITUTION WEBSITES

AUT University - www.aut.ac.nz

Canterbury University - www.canterbury.ac.nz

Manukau Institute of Technology - www.manukau.ac.nz

Massey University - www.massey.ac.nz

Otago University - www.otago.ac.nz

Unitec Institute of Technology - www.unitec.ac.nz

University of Auckland - www.auckland.ac.nz

University of Waikato - www.waikato.ac.nz

Victoria University - www.victoria.zc.nz

Waikato Institute of Technology - www.wintec.ac.nz

LEARNING PATHWAYS

For Year 11 students English and Mathematics are compulsory, plus three other Level One subjects.

For Year 12 students and Year 13 students NO subject is compulsory.

Select five subjects at any level.

	LEVEL 1	LEVEL 2	LEVEL 3
ARTS  	Visual Art Drama Music	Art Painting Art Photography Music	Art Painting Art Photography Music
COMMERCE   	Accounting Economics	Accounting Economics	Accounting Economics
ENGLISH      	English (11ENG) Literacy (11LIT)	English (12ENA) Media Studies	English (13ENG) Media Studies
LANGUAGES  	Te Reo Maaori Spanish	Te Reo Maaori Spanish	Te Reo Maaori Spanish
MATHEMATICS     	Mathematics (11MAT) Mathematics (11MAI) Mathematics (11NUM)	Mathematics (12MAT) Mathematics Internally Assessed (12MAI)	Mathematics with Statistics (13STA) Mathematics with Calculus (13CAL)

PHYSICAL EDUCATION AND HEALTH   	Physical Education Health	Physical Education Health MIT Sports Leadership Outdoor Education	Physical Education Health MIT Sports Leadership
SCIENCE      	Science Science Internally Assessed Horticulture	Biology Chemistry Physics Horticulture	Biology Chemistry Physics Horticulture
SOCIAL SCIENCE    	Geography History	Geography History Tourism	Geography History Tourism
TECHNOLOGY     	Digital Hospitality Soft Materials DVC Product Design Building Construction	Digital (Techtorium) Hospitality Soft Materials DVC Product Design Building Construction Automotive Engineering (MIT)	Digital (Techtorium) Hospitality Soft Materials DVC Product Design Building Construction

TRANSITION



Gateway

Wintec/MIT
Trades Academy

Wintec/MIT
Trades Academy

Trades



13ACC Assessment Statement 2022

Year: 13

Course: Accounting

Total Credits: 22

This course is an introduction to higher studies in Accounting, Management, Law and Finance. It covers the financial accounts of partnership and companies. The course deals with preparing management information, job costing and accounting systems, controlling inventories, purchases and sales. Resource cost: TBC

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91405	2	3	4	Num	Accounting 3.2 - Demonstrate understanding of accounting for partnerships	Assignment	1	Term Two
2	91407	2	3	5	Num, L1 Lit, B Lit	Accounting 3.4 - Prepare a report for an external user that interprets the annual report of a New Zealand reporting entity	Assignment	1	Term Two
3	91409	2	3	4	Num, L1 Lit	Accounting 3.6 - Demonstrate understanding of a job cost subsystem for an entity	Assignment	1	Term One
4	91404	2	3	4	L1 Lit, R Lit	Accounting 3.1 - Demonstrate understanding of accounting concepts for a New Zealand reporting entity	Exam	External	Term Four
5	91406	2	3	5	Num	Accounting 3.3 - Demonstrate understanding of company financial statement preparation	Exam	External	Term Four



13APA Assessment Statement 2022

Year: 13

Course: Painting

Total Credits: 22

This course will enable learners to investigate and use ideas and methods in the context of a drawing study. The learners will develop drawing and painting processes and techniques with skill. The course consists of research and drawing; a development and regenerative study in painting and concludes with a folio submission.

Course Requirements: Completion of Level 2 Visual Art Painting External or HLA approval.

Cost: \$50 art fee, a Visual Diary, set of brushes and paints, a memory stick, pens and pencils.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91446	2	3	4		Painting 3.2 - Use drawing to demonstrate understanding of conventions appropriate to painting	Practical and written	2	Term One
2	91451	2	3	4		Painting 3.3 - Systematically clarify ideas using drawing informed by established painting practice	Practical and written	2	Term Two
3	91456	2	3	14		Painting 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within painting practice	Portfolio	External	Term Four



13APH Assessment Statement 2022

Year: 13

Course: Photography

Total Credits: 22

This course will enable learners to investigate and use ideas and methods in the context of a drawing study. The learners will develop drawing and photography processes and techniques with skill. The course consists of research and drawing; a development and regenerative study in photography and concludes with a folio submission. AS91452 optional standard.

Course requirements: Completion of Level 2 Visual Art Photography or painting External or HLA approval. Cost: \$30 art fee

A Digital Camera and a Laptop with Photoshop is required.

This will be a VC class, at this stage.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91447	2	3	4		Photography 3.2 - Use drawing to demonstrate understanding of conventions appropriate to photography	Practical	2	Term One
2	91452	2	3	4		Photography 3.3 - Systematically clarify ideas using drawing informed by established photography practice	Practical and written	2	Term Two
3	91457	2	3	14		Photography 3.4 - Produce a systematic body of work that integrates conventions and regenerates ideas within photography	Portfolio	External	Term Four



13BCN Assessment Statement 2022

Year: 13

Course: Building Construction

Total Credits: 23

The course is Building Construction and is most relevant to those considering undertaking trade training. In this course students will make a range of prescribed projects supported by relevant theory. At Level 3 the complexity of the projects is commensurate with study at this level. Joinery with complex joints and techniques (ie. Steam bending used in an item of furniture or garden sheds with a truss roof). Assessment will address the standards listed but others can be added if these better meet the learning outcomes of the students.

Entry requirements: Any Level 2 technology course or HLA approval.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	29684	1	3	12		Undertake a Stage 3 BCATS project	Practical	1	Term Three
2	29677	1	3	2		Follow safe workplace practices, and contribute to a health and safety culture, in a BCATS environment	Practical	1	Term Three



13BIO Assessment Statement 2022

Year: 13

Course: Biology

Total Credits: 18

The Year 13 Biology course is endorsable and offers a total of 18 credits. In this course students will:

1. Demonstrate an understanding of how an animal maintains a stable internal environment
2. Demonstrate understanding of human manipulations of genetic transfer and its biological implications
3. Integrate biological knowledge to develop an informed response to a socio-scientific issue
4. Demonstrate understanding of responses of plants and animals to their external environment
5. Demonstrate understanding of trends in human evolution

Students will be required to purchase a Science Workbook which costs around \$26.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91604	2	3	3	L1 Lit, R Lit	Biology 3.4 – Demonstrate understanding of how an animal maintains a stable internal environment	Assignment	1	Term One
2	91607	2	3	3	L1 Lit, R Lit	Biology 3.7 - Demonstrate understanding of human manipulations of genetic transfer and its biological implications	Assignment	1	Term Two
3	91602	2	3	3	L1 Lit, B Lit	Biology 3.2 – Integrate biological knowledge to develop an informed response to a socio-scientific issue	Assignment	1	Term Two
4	91603	3	3	5	L1 Lit, B Lit	Biology 3.3 - Demonstrate understanding of the responses of plants and animals to their external environment	Exam	External	Term Four
5	91606	2	3	4	L1 Lit, B Lit	Biology 3.6 - Demonstrate understanding of trends in human evolution	Exam	External	Term Four



13CAL Assessment Statement 2022

Year: 13

Course: Calculus

Total Credits: 21

This course requires high level Algebra skills and focuses on Calculus and Trigonometry. This course is for students planning University/Tertiary study involving Mathematics, Engineering, Architecture, Sciences, Medicine, Dentistry, Optometry etc. AS91579 will be taught if time permits.

Entry requirements: This course is for students who have studied 12 MAT and have a minimum of Achieved in Algebra 91261, Calculus 91262, Trigonometry 91259, but Merit or Excellence is preferred or HLA approval. Costs: \$25 Homework Book and a Graphics Calculator is essential.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91573	2	3	3	Num	Mathematics and Statistics 3.1 - Apply the geometry of conic sections in solving problems	Test	2	Term One
2	91575	2	3	4	Num	Mathematics and Statistics 3.3 - Apply trigonometric methods in solving problems	Test	2	Term One
3	91577	2	3	5	Num	Mathematics and Statistics 3.5 - Apply the algebra of complex numbers in solving problems	Exam	External	Term Four
4	91578	2	3	6	Num	Mathematics and Statistics 3.6 - Apply differentiation methods in solving problems	Exam	External	Term Four
5	91574	2	3	3	Num	Mathematics and Statistics 3.2 - Apply linear programming methods in solving problems	Test	2	Term Two



13CHE Assessment Statement 2022

Year: 13

Course: Chemistry

Total Credits: 19

In this course students will have the opportunity to:

1. Demonstrate understanding of Oxidation/Reduction processes
2. Demonstrate understanding of chemical processes in the world around us
3. Demonstrate understanding of spectroscopic data in chemistry
4. Demonstrate understanding of thermochemical principles and the properties of particles and substances
5. Demonstrate understanding of the properties of organic compounds

Students will be required to purchase a Science Workbook which costs around \$26.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91388	2	3	3		Chemistry 3.2 – Demonstrate understanding of spectroscopic data in chemistry	Test	1	Term Three
2	91393	2	3	3	L1 Lit	Chemistry 3.7 - Demonstrate understanding of oxidation-reduction processes	Written Report	1	Term One
3	91389	2	3	3	L1 Lit, B Lit	Chemistry 3.3 – Demonstrate understanding of chemical processes in the world around us	Written Report	1	Term Two
4	91391	2	3	5	L1 Lit	Chemistry 3.5 – demonstrate understanding of the properties of organic compounds	Exam	External	Term Four
5	91390	2	3	5	L1 Lit	Chemistry 3.4 – Demonstrate understanding of thermochemical principles and the properties of particles and substances	Exam	External	Term Four



13DVC Assessment Statement 2022

Year: 13

Course: Design and Visual Communication

Total Credits: 16

One of the most exciting aspects of this course is that you will be given the opportunity to negotiate your own brief. You will choose to do a 'Spatial' or 'Product' design that meets a set of specifications developed through research and visual communication.

Entry requirements: 14 credits in Level 2 Design and Visual Communication.

Cost: \$40

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91629	3	3	6		Resolve a spatial design through graphics practice	Portfolio	1	Term Three
2	91627	3	3	4		Initiate design ideas through exploration	Portfolio	External	Term One
3	91630	3	3	6		Resolve a product design through graphics practice	Portfolio	Internal	Term Three



13ECO Assessment Statement 2022

Year: 13

Course: Economics

Total Credits: 15

This course is useful for anyone considering a career in Business, Banking, Marketing, Law or Management. Students will use economic models and concepts to show understanding micro-economics, the efficiency of market equilibrium and the macro-economic influences on the New Zealand economy. If time permits they will be offered an optional standard relating to market structures.

Resource cost: \$15 eLearn Website subscription and \$30 Economics Learning Workbook.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91401	2	3	5	L1 Lit	Economics 3.3 – Demonstrate understanding of micro-economic concepts	Closed book assessment	1	Term One
2	91399	2	3	4	L1 Lit	Economics 3.1 – Demonstrate understanding of the efficiency of market equilibrium	Exam	External	Term Four
3	91403	2	3	6	L1 Lit, W Lit	Economics 3.5 - Demonstrate understanding of macro-economic influences on the New Zealand economy	Exam	External	Term Four
Optional Standard									
4	91400	2	3	4	L1 Lit, W Lit	Economics 3.2 - Demonstrate understanding of the efficiency of different market structures using marginal analysis	Exam	External	Term Four



13ENG Assessment Statement 2022

Year: 13

Course: English

Total Credits: 21

Level 3 English course, building on the skills of reading, writing and oral communication. This course provides the opportunity for endorsement.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91472	1	3	4	L1 Lit, B Lit	English 3.1 - Respond critically to specified aspect(s) of studied written text(s), supported by evidence	Exam	External	Term Four
2	91473	1	3	4	L1 Lit, W Lit	English 3.2 - Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	Exam	External	Term Four
3	91475	1	3	6	L1 Lit, W Lit	English 3.4 - Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	Portfolio	2	Term Three
4	91476	1	3	3	L1 Lit	English 3.5 - Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas (OPTIONAL)	Practical	1	Term Three
5	91479	1	3	4	L1 Lit, R Lit	English 3.8 - Develop an informed understanding of literature and/or language using critical texts	Assignment	1	Term Two
6	91477	1	3	3	L1 Lit	English 3.6 – Create a fluent and coherent visual text which develops, sustains and structures ideas using verbal and visual language (OPTIONAL)	Practical	1	Term Three



13GEO Assessment Statement 2022

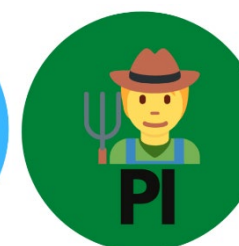
Year: 13

Course: Geography

Total Credits: 19

This course further develops the ideas and concepts, and skills in Geography. Geography at this curriculum level is designed to prepare you for University Entrance. As such you are expected to analyse, critically evaluate and carry out rigorous academic investigation of the topics. The themes and topics taught during the course of the year are: Natural Processes: A study of Coastal Processes at Sunset Beach, Port Waikato, Tourism Concepts and Development: Rotorua and Dubai, Geographic Issues: A Contemporary NZ geographic issue and a Global Issue (Students are to choose a topic for their research from the list provided by the subject teacher. Requirements: Achievement in Level 2 Geography and Literacy and/or HLA Social Sciences approval.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91430	2	3	5	Num, L1 Lit	Geography 3.5 - Conduct geographic research with consultation	Assignment	2	Term One
2	91431	2	3	3	L1 Lit, R Lit	Geography 3.6 - Analyse aspects of a contemporary geographic issue	Assignment	2	Term Three
3	91432	2	3	3	L1 Lit	Geography 3.7 - Analyse aspects of a geographic topic at a global scale	Assignment	2	Term Two
4	91427	2	3	4	L1 Lit, B Lit	Geography 3.2 - Demonstrate understanding of how a cultural process shapes geographic environment(s)	Exam	External	Term Four
5	91429	2	3	4	L1 Lit, B Lit	Geography 3.4 - Demonstrate understanding of a given environment(s) through selection and application of geographic	Exam	External	Term Four



13HEA Assessment Statement 2022

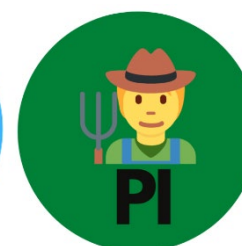
Year: 13

Course: Health

Total Credits: 19

Students will be exploring a range of issues for particular groups in New Zealand and International context. They will research current health practices and explore issues in relation to ethics.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91461	2	3	5	L1 Lit, R Lit	Health 3.1 - Analyse a New Zealand health issue	Assignment	1	Term Two
2	91462	2	3	5	L1 Lit, B Lit	Health 3.2 - Analyse an international health issue	Exam	External	Term Four
3	91463	2	3	5	L1 Lit, R Lit	Health 3.3 - Evaluate health practices currently used in New Zealand	Assignment	1	Term One
4	91464	2	3	4	L1 Lit, R Lit	Health 3.4 - Analyse a contemporary ethical issue in relation to well-being	Assignment	1	Term Three



13HIS Assessment Statement 2022

Year: 13

Course: History

Total Credits: 20

An advanced level of study of historical issues, events and viewpoints. Some topics taught are: the Cold War and the New Zealand Wars.

Entry requirement: Achievement in Level 2 History and/or 8 Level 2 English Credits or HLA Social Sciences approval.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91434	2	3	5	L1 Lit, R Lit	History 3.1 - Research an historical event or place of significance to New Zealanders, using primary and secondary sources	Assignment	2	Term Two
2	91438	2	3	6	L1 Lit, R Lit	Analyse the causes and consequences of a significant historical event	Exam	External	Term Four
3	91437	2	3	5	L1 Lit, R Lit	History 3.4 - Analyse different perspectives of a contested event of significance to New Zealanders	Assignment	2	Term Two
4	91436	2	3	4	L1 Lit, B Lit	History 3.3 - Analyse evidence relating to an historical event of significance to New Zealanders	Exam	External	Term Four



13HOR Assessment Statement 2022

Year: 13

Course: Horticulture

Total Credits: 20

Students in this course will develop a range of Horticultural skills at NCEA Level 3. This includes growing and monitoring a variety of nursery crops, demonstrating knowledge of soil-less media and demonstrating knowledge of the production horticulture industry in New Zealand. Students will also be introduced to basic Landscaping. For those who are interested in a career in Horticulture, opportunities to do work experience will be available. Students will be required to purchase a Science Workbook which costs around \$26.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	20560	3	3	10		Grow nursery crops in containers	Practical	1	All year
2	20555	4	3	5		Prepare and use soil-less growing media	Practical	1	All year
3	29829	2	3	5		Demonstrate knowledge of plant structure, functions and processes	Assignment	1	All year



13HOS Assessment Statement 2022

Year: 13

Course: Hospitality

Total Credits: 23

This practical-based programme is a valuable subject for any student wishing to explore the area of food production or Hospitality as a future career. Those who do not pursue this as a career would have valuable qualifications recognised by employers; qualifications that could be used to gain part-time work to assist tertiary training applications. The course focuses on health and safety for hospitality businesses, food production for customers and events and students will also learn basic barista skills.

Cost: \$120

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	13331	5	3	4		Prepare and cook pickles, chutneys and preserves in a commercial kitchen	Practical	2	Term One
2	168	7	3	4		Demonstrate knowledge of food contamination hazards and control methods used in a food establishment	Practical	2	Term Two
3	13282	5	3	2		Prepare, assemble and present complex sandwiches in a commercial kitchen	Practical	2	Term Two
4	18497	7	3	8		Demonstrate knowledge of culinary products and terms	Practical	2	Term Three
5	17288	7	3	5		Prepare and present espresso beverages for service	Practical	2	Term Three



13MED Assessment Statement 2022

Year: 13

Course: Media Studies

Total Credits: 20

Students will be introduced to the world of media, how it works and how we can produce it for ourselves. We'll examine Dystopian films and how they depict our future. We'll look at the way we watch movies and TV shows and how our viewing habits will change in the future. We'll learn how to write scripts for short films and you'll get a chance to make a film yourselves!

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91497	2	2	3	L3 Lit	Media Studies 3.8 – Write a media text to meet the requirements of a brief	Assignment	1	Term One
2	91494	2	2	4	L3 Lit	Media Studies 3.5 – Produce a design for a media product that meets the requirements of a brief	Assignment	1	Term One
3	91495	2	2	6	L3 Lit	Media Studies 3.6 – Produce a media product to meet the requirements of a brief	Assignment	1	Term Two
4	91496	2	2	3	L3 Lit	Media Studies 3.7 – Demonstrate understanding of a significant development in the media	Assignment	1	Term Two
5	91493	3	2	4	L3 Lit	Media Studies 3.4 – Demonstrate understanding of a relationship between a media genre and society	Examination	1	Term Four



13MUS Assessment Statement 2022

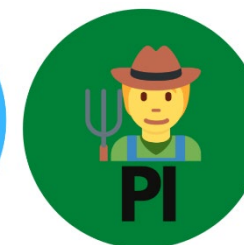
Year: 13

Course: Music

Total Credits: 26

Students may achieve credits for solo and group performance following on from Level 2 music. This will be after negotiation with the HOD They will also research a music topic and write three original pieces of music.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91416	2	3	8		Making Music 3.1 - Perform two programmes of music as a featured soloist	Practical	2	Term Four
2	91418	2	3	4		Making Music 3.3 - Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	Practical	1	Term One
3	91419	2	3	8		Making Music 3.4 – Communicate musical intention by composing three original pieces of music	Portfolio	1	Term Two
4	91425	2	3	6	L1 Lit, R Lit	Music Studies 3.10 – Research a music topic	Assignment	1	Term Two



13OUT Assessment Statement 2022

Year: 13

Course: Outdoor Education

Total Credits: 33

This course will give students the opportunity to participate in a variety of outdoor experiences - learning in, through and about the great outdoors. A mixture of unit and achievement standards are offered. Through outdoor experiences students will learn tramping and navigation skills, leadership skills, bush survival skills and risk management skills. Students will play an essential part in organising and implementing these outdoor experiences and will need to demonstrate responsibility and leadership in this environment. There are written components in this course and students will require a commitment to complete the written tasks to achieve the credits offered. A compulsory course fee is yet to be confirmed. Camps and day trips are compulsory.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	428	8	3	15		Demonstrate on-track tramping skills for multi-night tramping	Assignment	1	Term Three
2	430	7	3	3		Demonstrate bush survival skills	Practical	1	Term One
3	91504	2	3	3	L1 Lit	Physical Education 3.7 - Analyse issues in safety management for outdoor activity to devise safety management strategies	Assignment	1	Term Three
4	91501	2	3	4	Num	Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting	Practical	1	Term Two
5	91789	2	3	4		Physical Education 3.9 – Devise strategies for a physical activity outcome	Assignment	1	Term Two
6	91498	2	3	4	L1 Lit , L1 Num	Physical Education 3.1 – Evaluate physical activity experiences to devise strategies for lifelong well-being	Assignment	1	Term Three



13PED Assessment Statement 2022

Year: 13

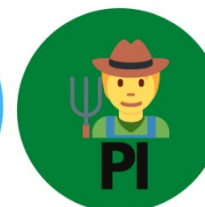
Course: Physical Education

Total Credits: 20

This is an academic course. Students will learn about the following topics; events, trends and issues in sport, training programmes, biophysical principles and health promotion in physical activity. There is only one practical standard available in Physical Education and students have an option of completing it by playing badminton and/or entering the Tough Guy and Gal event. There is also an optional Outdoor Education experience to complete Achievement Standard 91504 (in 2020 this was a trip to Snow Planet). Cost and details will be confirmed closer to the date.

Entry Requirements: 14 Credits achieved at Level 2 Physical Education or HLA approval.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91500	2	3	4	Num, L1 Lit	Physical Education 3.3 - Evaluate the effectiveness of a performance improvement programme	Assignment	1	Term Two
2	91501	2	3	4	L1 Num	Physical Education 3.4 - Demonstrate quality performance of a physical activity in an applied setting	Practical	1	Term One
3	91502	2	3	4	L1 Lit, R Lit	Physical Education 3.5 - Examine a current physical activity event, trend, or issue and its impact on New Zealand society	Assignment	1	Term One
4	91503	2	3	5	Num, L1 Lit	Physical Education 3.6 - Evaluate the use of health promotion to influence participation in physical activity	Assignment	1	Term Three
5	91504	2	3	3	L1 Lit	Physical Education 3.7 - Analyse issues in safety management for outdoor activity to devise safety management strategies (OPTIONAL)	Practical and Assignment	1	Term Two



13PHY Assessment Statement 2022

Year: 13

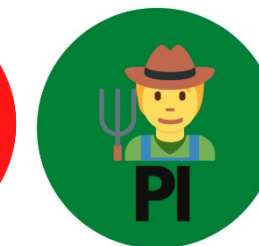
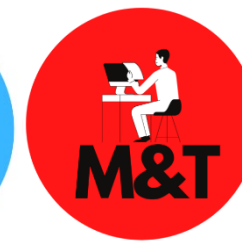
Course: Physics

Total Credits: 23

At this level students will develop the following skills: investigating and explaining applications of physics to a real life context, develop understanding of nuclear physics, electrical systems, mechanical systems and wave systems.

Students will be required to purchase a Science Workbook which costs around \$26.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91521	2	3	4	L1 Lit	Physics 3.1 - Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	Practical	1	Term One
2	91525	2	3	3	L1 Lit	Physics 3.5 - Demonstrate understanding of Modern Physics	Test	1	Term Two
3	91524	2	3	6	L1 Lit	Physics 3.4 - Demonstrate understanding of mechanical systems	Exam	External	Term Four
4	91526	2	3	6	L1 Lit	Physics 3.6 - Demonstrate understanding of electrical systems	Exam	External	Term Four
5	91523	2	3	4	L1 Lit	Physics 3.3 - Demonstrate understanding of wave systems	Exam	External	Term Four



13PRD Assessment Statement 2022

Year: 13

Course: Product Design

Total Credits: 18

Product Design combines the areas of creative design, science and engineering. Designers plan and develop outcomes for the use in homes, businesses and industries. The technology process includes design and construction of an outcome which addresses a given brief. Students will be encouraged to produce an outcome through trialing, testing and evaluation. The outcome will reflect the nature of the issue being resolved, ensuring that it satisfies the requirements of the brief. The external standard in this course is optional.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91609	3	3	4	L1 Lit	Generic Technology 3.2 - Undertake project management to support technological practice	Portfolio	1	Term Three
2	91608	3	3	4	L1 Lit	Generic Technology 3.1 - Undertake brief development to address an issue within a determined context	Portfolio	1	Term Three
3	91611	3	3	6	L1 Lit	Generic Technology 3.4 - Develop a prototype considering fitness for purpose in the broadest sense	Practical	1	Term Three
4	91613	3	3	4	L1 Lit	Generic Technology 3.6 - Demonstrate understanding of material development.	Assignment	External	Term Four



13PSL Assessment Statement 2022

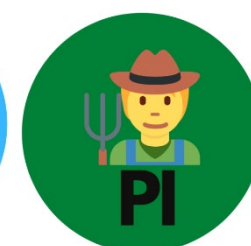
Year: 13

Course: Sports Leadership

Total Credits: 30

This course will cover the following topics; role of a coach, badminton, Teaching and Coaching a Sporting Activity. You must be keen on physical activity and to take a leadership role when working with younger students.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	22771	3	3	6		Plan a beginner level coaching session for sport participants	Practical and Assignment		Term One
2	22768	2	3	6		Conduct and review a beginner level coaching session	Practical and Assignment		Term Two
3	21414	3	3	4		Plan and run a recreation activity	Practical and Assignment		Term Two
4	91501	2	3	4		Physical Education 3.4 – Demonstrate quality performance of a physical activity in an applied setting	Practical		Term One
5	31388	1	3	10		Carry out pre-event preparation and apply the rules of the sport while officiating sports events	Practical		Term Three



13SPA Assessment Statement 2022

Year: 13

Course: Spanish

Total Credits: 19

Students are expected to engage with and respond clearly and critically to a variety of extended texts, including authentic texts (those not created or modified specifically for language learners). They are expected to use the language more flexibly and with greater effectiveness at times in sustained interactions and extended texts. They are expected to explore the views of others, develop and share personal perspectives, and justify, support, or challenge ideas and opinions in different situations and on matters that are beyond their immediate experience. In all their output, it is expected that students will use their developing knowledge of linguistic and cultural forms to help them create meaning.

Optional Charge: \$30 Language Perfect

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91569	1	3	3		Spanish 3.2 – Give a clear spoken presentation in Spanish that communicates a critical response to stimulus material	Assignment	1	Term Three
2	91570	1	3	6		Spanish 3.3 – Interact clearly using spoken Spanish to explore and justify varied ideas and perspectives in different situations	Portfolio	1	Term Four
3	91571	1	3	5		Spanish 3.4 – Demonstrate understanding of a variety of extended written and/or visual Spanish texts	Exam	External	Term Four
4	91572	1	3	5		Spanish 3.5 – Write a variety of text types in clear Spanish to explore and justify varied ideas and perspectives	Portfolio	1	Term Four



13STA Assessment Statement 2022

Year: 13

Course: Statistics

Total Credits: 20

This course is designed for students planning University/tertiary study involving Mathematics and Statistics. This course requires high level numerical skills and English comprehension. It focuses on Statistics and probability.

Entry Requirements: Achieved in Level 2 Mathematics including Statistics AS91264, Probability AS91267 or HLA approval. Merit and Excellence from Level 2 will be an advantage. Costs: \$25 Homework Book and a Graphics Calculator is essential.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91580	2	3	4	Num, L1 Lit	Mathematics and Statistics 3.8 - Investigate time series data	Assignment	2	Term One
2	91581	2	3	4	Num, L1 Lit	Mathematics and Statistics 3.9 - Investigate bivariate measurement data	Assignment	2	Term One/Two
3	91582	2	3	4	Num, L1 Lit	Mathematics and Statistics 3.10 - Use statistical methods to make a formal inference	Assignment	2	Term Two
4	91585	2	3	4	Num	Mathematics and Statistics 3.13 - Apply probability concepts in solving problems	Exam	External	Term Four
5	91586	2	3	4	Num	Mathematics and Statistics 3.14 - Apply probability distributions in solving problems	Exam	External	Term Four



13TER Assessment Statement 2022

Year: 13

Course: Te Reo Maori

Total Credits: 28

Te tohu tauāki - Proficiency target statement - By the end of Level 8 of Te Aho Arataki Marau mō te Ako i te reo Māori, students can read a variety of authentic te reo Maori materials and write expressively for a range of purposes. Students use a range of strategies to help them learn te reo Maori effectively and they demonstrate a high level of fluency for a learner of te reo Maori as a second language. Kaupapa Maori contexts will be used as the vehicle to promote te reo.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91650	2	3	4		3.1 – Whakarongo kia mohio ki te reo Maori o te ao whanui	Portfolio	1	Term Two
2	91651	2	3	6		3.2 – Korero kia whakamahi i te reo Maori o te ao whanui	Portfolio	1	Term Three
3	91652	2	3	6		3.3 – Panui kia mohio ki te reo Maori o te ao whanui	Exam	External	Term Four
4	91653	2	3	6		3.4 – Tuhi i te reo Maori o te ao whanui	Exam	External	Term Four
5	91654	2	3	6		3.5 – Waihanga Tuhianga	Portfolio	1	Term Three



13TES Assessment Statement 2022

Year: 13

Course: Soft Materials Technology

Total Credits: 26

The course is to develop your technical skills and problem solving techniques through technological practice. You will also have the opportunity to attend a workshop to progress practical skills, visit fabric stores, and interact with clothing manufacturers in New Zealand and Asia. A day trip to the World of Wearable arts show in Wellington is scheduled for this year. The initial cost is \$30 which covers the cost of equipment and notions used during practical work. You will need to pay for the fabric you want to use and the trips to workshops and fabric stores.

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	91610	3	3	6		Generic Technology 3.3 – Develop a conceptual design considering fitness for purpose in the broadest sense	Practical/ Portfolio	1	Term Two/Three
2	91609	3	3	6		Generic Technology 3.4 – Develop a prototype considering fitness for purpose in the broadest sense	Portfolio	1	Term Two/Three
3	91611	2	3	4		Construction and Mechanical Technologies 3.23 – Implement complex procedures to create an applied design for a specified product	Practical/ Portfolio	1	Term Three
4	91627	3	3	4		Design and Visual Communication 3.30 – Initiate design ideas through exploration	Assignment	External	Term Four
5	91621	3	3	6	L1 Lit	Construction and Mechanical Technologies 3.21 – Implement complex procedures using textile materials to make a specified project	Practical/ Portfolio	1	Term One

Social Science



13TOU Assessment Statement 2022

Year: 13

Course: Tourism

Total Credits: 18

This is a Level 3 Unit Standards course that contributes towards the National Certificate in Tourism. This leads to further study in the tourism and travel industry or services pathway.

Course cost: \$10

No	Standard Number	Version	Level	Credits	Lit / Num	Full Title	Method of Assessment	Assessment Opportunities Offered	Approximate Date
1	18211	6	3	5		Demonstrate knowledge of Australia as a tourist destination	Assignment	2	Term One
2	3727	10	3	5		Demonstrate knowledge of Pacific Island countries as tourist destinations	Assignment	2	Term Two
3	18228	3	3	8		Demonstrate knowledge of specific New Zealand regions as tourist destinations	Assignment	2	Term Three