



# John Paul College

TE KURA O HOANI PAORA

## SENIOR COURSE BOOK 2024



Ma te pono Me te aroha - Through faith and love

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## **FUTURE DIRECTIONS**

**Students and parents are encouraged to carefully read this booklet** and consult staff about course selection. General criteria that should be taken into account are a student's interests, ability and career requirements.

## **NATIONAL QUALIFICATIONS (NCEA and SCHOLARSHIPS)**

The National Certificate of Educational Achievement (NCEA) is the main qualification for secondary school students in New Zealand. Students study courses based on achievement and unit standards at level 1, 2 and 3 to attain credits towards an NCEA qualification. Credits can be gained through internal and external assessment. There are different levels of NCEA (Levels 1, 2 and 3) usually done in Years 11, 12 and 13.

<b>NCEA Level One</b>	80 credits at Level One or above, including literacy and numeracy requirements. The requirement is 10 credits in literacy and 10 credits in numeracy. Literacy and numeracy credits are usually gained through English and Mathematics, but other subjects can contribute as well.
<b>NCEA Level Two</b>	80 credits - a minimum of 60 credits at Level Two or above. A maximum of 20 credits Level One or above can contribute to NCEA Level Two.
<b>NCEA Level Three</b>	80 credits – a minimum of 60 credits at Level Three or above. A maximum of 20 credits at Level Two can contribute to NCEA Level Three.

### **Recognising High Achievement**

NCEA can be endorsed to reflect high achievement. It is worth trying to gain Merit and Excellence for standards you are good at, which may lead to endorsement. There are two types of endorsement: Certificate Endorsement and Course Endorsement.

**Certificate Endorsement:** If you gain 50 credits at Excellence level your NCEA will be endorsed with Excellence. If you gain 50 credits at Merit (or a mix of Merit and Excellence credits) your NCEA will be endorsed with Merit. Credits must be gained at the level of the certificate, or above.

**Course Endorsement:** If in a single year you gain 14 or more credits at Merit and/or Excellence for a course, you will gain endorsement in that course. Of these, at least 3 credits must be from externally assessed standards and 3 credits from internally assessed standards in that course. (Note: This condition does not apply to Physical Education (Sports Science), Religious Studies or Level 3 Visual Arts).

<b>University Entrance NCEA Level 3</b>	To be awarded U.E you will need: Three subjects at Level 3 or above, made up of 14 credits each, in three approved subjects <b>Literacy</b> – 10 credits at Level 2 or above made up of 5 credits in reading and 5 credits in writing <b>Numeracy</b> – 10 credits at Level 1 or above, made up of achievement standards, specified achievements standards available through a range of subjects, or unit standards package of three numeracy unit standards (26623, 26626, 26627 – all three required).
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Once you have met the requirements for University Entrance it will appear on your Record of Achievement.

Most universities and other tertiary institutions have additional requirements, particularly for entry into specific course and it is important to check these out.

<b>Scholarship</b>	This is a stand-alone qualification designed to extend very high-achieving level 3 students. There are substantial monetary awards for achieving well in Scholarship examinations. It is not a qualification. Scholarships are externally assessed and are designed to extend the very able students. Students sitting scholarship will be assessed on their ability to think laterally and in the abstract. The exams or portfolios cover the same content as Level 3 Achievement Standards, but the standard of performance is much higher.
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There are 5 classes or levels of monetary awards. They range in value from \$500 per subject to \$10,000 each year for 3 years. Further information of the above can be found on the following website [www.nzqa.govt.nz](http://www.nzqa.govt.nz)

## **YEAR 12 and 13 COURSE EXPECTATIONS**

### **YEAR 12 COURSE (NCEA Level Two)**

All students take Religious Education and then choose five other subjects from a wide range of subjects. Note that although English is not compulsory at this level students intending to go on to University must meet literacy requirements in Reading (5 credits) and Writing (5 credits) from an approved list of standards. Mathematics courses at this level are designed to meet the varying abilities and needs of students. Students need to choose carefully what Mathematics course they need and are able to do.

**It is strongly recommended that students enroll in an English course at Level 2.**

### **YEAR 13 COURSE (NCEA Level Three)**

All students take Religious Education and then choose five other subjects from a wide range of subjects. Note that although English is not compulsory at this level, students intending to go on to university must meet literacy and numeracy requirements. Some University courses required high levels of English achievement. The New Zealand Scholarship Examination is available to students in most subject areas.

Students are encouraged to choose subjects that best meet their needs. This may involve some students particularly in Years 12 and 13 doing subjects at different levels (Multi-level studies) i.e. Levels 1, 2 and / or 3.

All students are encouraged to talk to subject teachers, Faculty Leaders, Year Level Deans and the Careers Advisor Mrs Hewitson before deciding what subjects to take.

All subject choices need to be approved by the Faculty Leaders and/or teachers in charge of subjects.

### **Leaders of Teaching and Learning (LOTL) are:**

			Phone 07 3478 795
Religious Education	Mrs Bloomfield	E: <a href="mailto:karen.bloomfield@jpc.school.nz">karen.bloomfield@jpc.school.nz</a>	Xtn: 8844
Languages	Mr Welman	E: <a href="mailto:ashley.welman@jpc.school.nz">ashley.welman@jpc.school.nz</a>	Xtn: 8805
Mathematics	Ms Cordonni	E: <a href="mailto:lara.cordonni@jpc.school.nz">lara.cordonni@jpc.school.nz</a>	Xtn: 8814
Sciences	Ms Ludäscher	E: <a href="mailto:conny.ludascher@jpc.school.nz">conny.ludascher@jpc.school.nz</a>	Xtn: 8833
Humanities	Mr Baker	E: <a href="mailto:simon.baker@jpc.school.nz">simon.baker@jpc.school.nz</a>	Xtn: 8812
Technology	Mr Jones	E: <a href="mailto:phil.jones@jpc.school.nz">phil.jones@jpc.school.nz</a>	Xtn: 8112
Arts	Mr Czyrek	E: <a href="mailto:matt.czyrek@jpc.school.nz">matt.czyrek@jpc.school.nz</a>	Xtn: 8824
Health/Physical Ed	Ms Northey	E: <a href="mailto:barb.northey@jpc.school.nz">barb.northey@jpc.school.nz</a>	Xtn: 8836
Careers Advisor	Mrs Hewitson	E: <a href="mailto:sheryl.hewitson@jpc.school.nz">sheryl.hewitson@jpc.school.nz</a>	Xtn: 8823

# **LEVEL TWO**

**Course Objectives**

In accordance with the requirements of the Special Character of the College, Year 12 will undertake a **compulsory** course in Religious Education. All units studied will contribute towards the award of the National Certificate of Education, Level 2.

**Course Assessment**

100% Internal Assessment; students achieving 14 or more credits at Merit or Excellence level can have the subject endorsed with Merit or Excellence (as appropriate).

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91724 v2	<b>Biblical Studies</b> Explain a significant theme in a sacred text within a religious tradition	INTERNAL	6 L1 Lit
AS 90821 v3	<b>Christian Art, Architecture and Music</b> Explain the changes in an expression(s) of a religious tradition	INTERNAL	6 L1 Lit
AS 90822 v3	<b>Justice and Peace</b> Explain how a contemporary social action derives from the ethical principles of a religious tradition	INTERNAL	6 L1 Lit
AS 90823 v3	<b>Religions of the World</b> Explain the key beliefs within two religious' traditions in relation to a significant religious question	INTERNAL	6 L1 Lit

**Course Objectives**

This is a course designed for students who are participating in an alternative pathway. It has a greater practical component than the mainstream course. Students will spend one day a fortnight taking part in practical activities to support the local community and environment this may include the establishment of a community vegetable patch or other social justice activities. These activities support a topic relating to working in the community. The aim of this element of the course is to develop the concept of service. They will also study two Religious Studies topics. The course will have limited entry.

**Course Assessment**

18 Credits internally assessed.

**Entry Requirements**

Students may opt to take part in the course, but entry will be at the discretion of the Leader of Teaching and Learning (LOTL). Those students who take 12FIA will follow a pathway to 13FIA when they are in Year 13

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 90821 v3	<b>Christian Art, Architecture and Music</b> Explain the changes in an expression(s) of a religious tradition	INTERNAL	6 L1 Lit
AS 90822 v3	<b>Justice and Peace</b> Explain how a contemporary social action derives from the ethical principles of a religious tradition	INTERNAL	6 L1 Lit
US 9677	Communicate in a team or group which has an objective	INTERNAL	3
US 9681	Contribute within a team or group which has an objective	INTERNAL	3 (L3)



Please speak to Faculty staff or Mr Bloomfield as entry into university courses, including the sciences/ medicine, etc. frequently have prerequisites in English.

University entrance requires a minimum of 10 University Entrance Literacy credits (five reading and five writing)

**NOTE:** Students who do not gain 10 literacy credits at Level 1 must select Applied English Level 2.

### Course Pathways

In 2024, we are two English courses at level one and two designed to better suit the needs and abilities of our students. Students will be placed in an appropriate course. If there are any issues regarding this, you will then be able to discuss your options with the Head of Faculty.

### At Level 2 (Year 12) we are offering 2 courses:

Examination English (EEN) NCEA for which you must have succeeded in at least two external papers at Level 1  
Applied English (AEN) – this course will not be offering UE literacy and there will be practical standards offered that will be relevant for the workplace.

Those students who require UE Literacy, but do not gain it in Year 12 may be required to re-visit Level 2 in Year 13

### Course Objectives

This is a course designed for students who are **extremely competent** in English and are considering undertaking study towards Level Three & Scholarship.

Students will undertake a course of study that will enable them to:

\*Engage with and enjoy language in all its varieties

\*Understand, respond to and use oral, written and visual language effectively in a range of contexts.

### Course Assessment

14 Credits internally assessed

12 Credits externally moderated

### Entry Requirements

Eighteen credits at NCEA Level One and / or consultation with the Leader of Teaching and Learning (LOTL)

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91098 (2.1)	Analyse specified aspect(s) of studied written text(s), supported by evidence	EXTERNAL	4 B Lit
AS 91099 (2.2)	Analyse specified aspect (s) of studied visual or oral text(s), supported by evidence	EXTERNAL	4 W Lit
AS 91100 (2.3)	Analyse significant aspects of unfamiliar written text(s) through close reading, supported by evidence	EXTERNAL	4 B Lit
AS 91101 (2.4)	Produce a selection of crafted and controlled writing	INTERNAL	6 W Lit
AS 91105 (2.8)	Use information literacy skills to form developed conclusion(s)	INTERNAL	4 R Lit
AS 91106 (2.9)	Form developed personal response to independently read texts, supported by evidence.	INTERNAL	4 R Lit

**Course Objectives**

**This course will not be offering UE literacy credits. There will be practical standards offered that will be relevant for the workplace.**

This course is designed for those students who have completed an Applied English Course at Year 11 and wish to create a pathway into the workplace. The focus of the course is to build confidence in communication in a practical sense.

The course is also aimed at providing Year 12 students an opportunity to gain more English credits without the demands of the external standards of the Level 2 Achievement Standard examination course.

**Course Assessment**

15 Credits internally assessed

**Entry Requirements**

Ten credits at NCEA Level One - discussion with class teacher or Leader of Teaching and Learning (LOTL)  
Completion of a Level 1 English course

UNIT and <b>ACHIEVEMENT STANDARD</b>		<b>ASSESSMENT</b>	<b>CREDITS</b>
AS 91104 (2.7)	Analyse significant connections across texts supported by evidence	INTERNAL	4
AS 91107 (2.10)	Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	INTERNAL	3
US 24871	Complete complex forms	INTERNAL	3
US 12349	Demonstrate knowledge of time management	INTERNAL	3
US 4252	Produce a personal targeted CV (curriculum vitae)	INTERNAL	2

**Course Objectives**

This is a language course aimed at improving Spanish reading, writing, listening and speaking skills in less familiar contexts

**Course Assessment**

14 Credits internally assessed

10 Credits externally moderated

**Entry Requirement**

At least 14 Credits at NCEA Level 1 Spanish

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91148 (2.1)	Demonstrate understanding of a variety of spoken Spanish texts on familiar matters	EXTERNAL	5
AS 91150 (2.2)	Give a spoken presentation in Spanish that communicates information, ideas and opinions	INTERNAL	4
AS 91149 (2.3)	Interact using spoken Spanish to share information and justify ideas and opinions in different situations.	INTERNAL	5
AS 91151 (2.4)	Demonstrate understanding of a variety of written and/or visual Spanish text(s) on familiar matters	EXTERNAL	5
AS 91152 (2.5)	Write a variety of text types in Spanish to convey information, ideas and opinions in genuine contexts.	INTERNAL	5

### Course Objectives

*Ko te reo Māori, te hā o te Māori* ('The Māori language is the life breath of Māori').

Te Reo Māori, the indigenous language of Aotearoa, is a taonga and is guaranteed protection under Te Tiriti o Waitangi. As students learn in Te Reo Māori, they also deepen their knowledge and understanding of tikanga Māori and develop their own personal, group and national identities.

Building language competency and a Māori knowledge base is core to our learning journey and our students are at the heart of all that we do. By experiencing the language in both formal and informal situations and at increasing levels of complexity, students become skilled and confident to take up the myriad of roles and career opportunities on offer.

### Course Assessment

16 Credits internally assessed

12 Credits externally moderated

### Entry Requirement

Completed either Year 9 or Year 10 te Reo Maori or in consultation with Head of Department, Whaea Mercia

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91284 (2.1)	Whakarongo kia mōhio ki te reo o te ao torotoro	INTERNAL	4 L1 Lit
AS 91285 (2.2)	Kōrero kia whakamahi i te reo o te ao torotoro	INTERNAL	6 L1 Lit
AS 91286 (2.3)	Pānui kia mōhio ki te reo o te ao torotoro	EXTERNAL	6 L1 Lit, R Lit
AS 91287 (2.4)	Tuhi i te reo o te ao torotoro	EXTERNAL	6 L1 Lit, W Lit
AS 91288 (2.5)	Waihanga tuhinga auaha i te reo o te ao torotoro	INTERNAL	6 L1 Lit, W Lit

### WHERE DOES IT LEAD?

This course is a University Entrance approved subject, this can lead to Te Ao Haka Levels 2 and 3, and Māori Performing Arts Levels 2 and 3.

Career pathways include:

- Tourism Industry (International)
- Languages
- Performing Arts
- Kaiako
- Radio/Television Journalist
- Radio broadcaster, Television presenter
- Personal, social, cultural development
- Advantages in a wide range of vocational areas
- Toi Whakaari

Nau mai haere mai ki Te Ao Haka!

Te Ao Haka is a culturally responsive art form, providing opportunities for all ākonga to engage in Māori culture, language, and traditional practice. Te Ao Haka is founded on traditional knowledge, but is progressive in the development and evolution of the art form. Te Ao Haka is enabling and centres around the importance of family, marae, iwi, hapū, and waka through connection with the past, present and future. This belonging gives ākonga a purpose to strive towards and achieve to their full potential, including empowering them to have fun and enjoy the performing arts. Ākonga who engage with Te Ao Haka recognize that pride in their culture also comes with a responsibility to create a positive space for others to continue expressing themselves in developing their craft. Therefore, ākonga are able to understand their contributions to the art form.

### Course Objectives

The Te Ao Haka programme will enable students to earn credits for an art form they are passionate about and is taught in a Kaupapa Māori environment. This will be a combined class with Year 11 and Year 13. These credits will also go towards their NCEA.

### Course Assessment

12 Credits internally assessed

8 Credits externally moderated

### Entry Requirement

Students have participated in the Level 1 Te Ao Haka programme, are in the JPC Kapa Haka Roopu and are passionate about Kapa Haka.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
Te Ao Haka (2.1)	Explore elements to create a section of a Te Ao Haka item	INTERNAL	6
Te Ao Haka (2.2)	Perform a Te Ao Haka item to respond to a local kaupapa	INTERNAL	6
Te Ao Haka (2.3)	Compare a Te Ao Haka performance and one other performance	EXTERNAL	4
Te Ao Haka (2.4)	Respond to a Te Ao Haka performance	EXTERNAL	4

### WHERE DOES IT LEAD?

This course is a University Entrance approved subject, this can lead to Te Ao Haka Level 3, and Māori Performing Arts Level 3.

Career pathways include:

- Tourism Industry (International)
- Languages • Performing Arts
- Kaiako
- Radio/Television Journalist
- Radio broadcaster, Television presenter
- Personal, social, cultural development
- Advantages in a wide range of vocational areas
- Toi Whakaari

*Formerly known as English for Speakers of Other languages (ESOL)*

**Course Objectives**

This is an English language course for students from non-English speaking backgrounds, who are at pre-intermediate or intermediate level English (The Common European Framework of Reference for Languages high A2-low B1).

In a multi-level class, students will develop their listening, speaking, reading and writing skills through a range of communication activities. They will increase their range of grammar, vocabulary and phonology through theme-based topic study. Students will also have opportunities to learn about New Zealand culture, prepare for external exams such as TOEIC and IELTS, and use their English language study to support their other curricular subjects.

**Course Assessment**

Up to 24 Credits internally assessed

**Entry Requirement**

A placement test, Level 2 of the English Language Progressions, or by consultation with the Leader of Teaching and Learning (LOTL)

**This is a sample of standards offered. A full list is available on request. Standards will be selected according to the student's level, interest and need.**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 28000	Write a simple text for a practical purpose (EL)	INTERNAL	5
US 30980	Demonstrate understanding of a straightforward spoken text on a familiar topic (EL)	INTERNAL	5
US 30995	Read and understand a straightforward text on a familiar topic (EL)	INTERNAL	5
US 31002	Read and understand a straightforward text for a routine practical purpose (EL)	INTERNAL	5
US 31006	Read and understand a range of straightforward written texts independently (EL)	INTERNAL	5
US 31014	Participate in a straightforward spoken interaction on a familiar topic (EL)	INTERNAL	5
US 31026	Present information on a familiar topic (EL)	INTERNAL	5

At Level 2 we are offering two courses

1. Mathematics with Algebra (MAA)
2. Mathematics (MAT)

### Course Objectives

This is a course designed for students who are competent Mathematics students. This course will progress to Level 3 and Scholarship Calculus and/or Statistics.

Students will undertake a course of study in the topics of Algebra, Graphs, Calculus, Co-ordinate Geometry, Trigonometry, Equations, Sequences & Series, Statistics and Probability, up to and including Level 7 of the New Zealand Mathematics Curriculum.

### Course Assessment

13 Credits internally assessed

13 Credits externally moderated

### Entry Requirement

A student will have completed a full programme of Achievement Standards at NCEA Level 1, gained at least Merit in Algebra and Graphs.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91256 (2.1)	<b>Coordinate Geometry:</b> Apply coordinate geometry techniques to points and lines.	INTERNAL	2 Num
AS 91257 (2.2)	<b>Graphs:</b> Apply graphical models in solving problems	INTERNAL	4 Num
AS 91258 (2.3)	<b>Sequences &amp; Series:</b> Apply sequences & series in solving problems.	INTERNAL	2 Num
AS 91259 (2.4)	<b>Trigonometry:</b> Apply trigonometric relationships to solving problems.	INTERNAL	3 Num
AS 91261 (2.6)	<b>Algebra:</b> Apply algebraic methods in solving problems.	EXTERNAL	4 Num
AS 91262 (2.7)	<b>Calculus:</b> Apply calculus methods in solving problems.	EXTERNAL	5 Num
AS 91267 (2.12)	<b>Probability:</b> Demonstrate understanding of probability.	EXTERNAL	4 L1 Lit, Num
AS 91269 (2.14)	<b>Equations:</b> Apply systems of equations in solving problems	INTERNAL	2 Num

**Note: Achievement Standards can be replaced or deleted at the discretion of the teacher.**

**Course Objectives**

This course is for those students who did not achieve a full Level 1 course last year. It is expected that students will have gained at least 14 Credits from Achievement Standards and will have achieved Algebra.

This is a course designed for students who would have difficulty in successfully completing a Mathematics with Algebra Course

**Course Assessment**

14 Credits internally assessed

4 Credits externally moderated

**Entry Requirement**

Students will have followed the MAA or MAT course in Year 11 and will have achieved up to 14 credits from Achievement Standards. This course will progress to Level 3 Statistics.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91259 (2.4)	<b>Trigonometry:</b> Apply trigonometric relationships to solving problems.	INTERNAL	3 Num
AS 91260 (2.5)	<b>Geometry:</b> Use networks in solving problems.	INTERNAL	2 Num
AS 91264 (2.9)	<b>Statistics:</b> Use statistical methods to make an inference.	INTERNAL	4 L1 Lit, Num
AS 91269 (2.10)	<b>Statistics:</b> Conduct an experiment to investigate a situation using statistical methods.	INTERNAL	3 L1 Lit, Num
AS 91267 (2.12)	<b>Probability:</b> Demonstrate an understanding of probability.	EXTERNAL	4 L1 Lit, Num
AS 91268 (2.13)	<b>Probability:</b> Investigate a situation using a simulation.	INTERNAL	2 L1 Lit, Num

**Note: Achievement Standards can be replaced or deleted at the discretion of the teacher.**



**Course Objectives**

This course is designed for students who have a good ability and an interest in Biology. It will cover a variety of topics ranging from adaptation, variation and cells to gene expression.

**Course Assessment**

10 Credits internally assessed

12 Credits externally moderated

**Entry Requirement**

A willingness to work hard and to positively contribute to class

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91153	Carry out a practical investigation in a biology context, with supervision	INTERNAL	4 Num
AS 91154	Analyse the biological validity of information presented to the public	INTERNAL	3 L1 Lit
AS 91155	Demonstrate understanding of adaptation of plants or animals to their way of life	INTERNAL	3 L1 Lit
AS 91156	Demonstrate understanding of life processes at the cellular level	EXTERNAL	4 L1 Lit
AS 91157	Demonstrate understanding of genetic variation and change	EXTERNAL	4 L1 Lit
AS 91159	Demonstrate understanding of gene expression	EXTERNAL	4 L1 Lit

**Course Objectives**

The course is designed to give students all the building blocks for the understanding of Chemistry. Students will cover basic chemical concepts related to Atomic Structure and Bonding, Quantitative Chemistry, Chemical Reactions and Organic Chemistry.

**Course Assessment**

10 Credits internally assessed

13 Credits externally moderated

**Entry Requirement**

A willingness to work hard and to positively contribute to class

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91910	Carry out quantitative analysis	INTERNAL	4 Num
AS 91911	Carry out procedures to identify ions present in solution	INTERNAL	3
AS 91164	Demonstrate understanding of bonding, structure, properties and energy changes	EXTERNAL	5 L1 Lit
AS 91165	Demonstrate understanding of the properties of selected organic compounds	EXTERNAL	4 L1 Lit
AS 91166	Demonstrate understanding of chemical reactivity	EXTERNAL	4 L1 Lit
AS 91163	Demonstrate understanding of the chemistry used in the development of a current technology	INTERNAL	3

**Course Objectives**

This course is designed for students who have an interest in science but do not wish to select one of the specialist Science subjects. At Level 3, this course will be UE approved and endorsable.

**Course Assessment**

15 Credits internally assessed

4 Credits externally moderated

**Entry Requirement**

A willingness to work hard and to positively contribute to class

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91153	Carry out a practical investigation in a biology context with supervision	INTERNAL	4 Num
AS 91155	Demonstrate understanding of adaptation of plants or animals to their way of life	INTERNAL	3 L1 Lit
AS 91187	Carry out a practical Earth and Space Science investigation	INTERNAL	4 L1 Lit, Num
AS 91190	Investigate how organisms survive in an extreme environment	INTERNAL	4 L1 Lit
AS 91191	Demonstrate understanding of the causes of extreme Earth events in New Zealand	EXTERNAL	4 L1 Lit

**Course Objectives**

This course is designed for students that have a good ability in Physics and Mathematics. Students who undertake this course of study will investigate aspects of Physics, which include: Mechanics, Waves, Electricity and Nuclear Physics.

**Course Assessment**

6 Credits internally assessed

16 Credits externally moderated

**Entry Requirement**

A willingness to work hard and to positively contribute to class

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91170	Demonstrate understanding of waves	EXTERNAL	4 L1 Lit, Num
AS 91171	Demonstrate understanding of mechanics	EXTERNAL	6 L1 Lit, Num
AS 91172	Demonstrate understanding of atomic and nuclear physics	INTERNAL	3 L1 Lit
AS 91173	Demonstrate understanding of electricity and electromagnetism	EXTERNAL	6 L1 Lit, Num

### Course Objectives

Students can produce a painting or printmaking external folio. Should they want to be endorsed they must also complete one internal that supports the external folio.

**NOTE CAREFULLY:** students can negotiate a program that caters for their needs with the HOD, Ms Worrall. Students do not have to do the external folio but have the flexibility of working through any combination of the internal achievement standards. The folio requires excellent time-management, passion and a dedicated weekly homework routine.

### Course Assessment

Internal and external assessment opportunities are provided

### Entry Requirement

You need a genuine interest in creating exciting works of art, while learning a wide variety of skills across a range of disciplines. Drawing and painting skills are not necessary as a wide variety of processes, media and disciplines can be applied, including digital art and photographic techniques.

### Course Cost

1x A3 20-page clear file is used to keep all work organised. Students should purchase a range of their own brushes to enable work to be developed at home.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91312 (2.2)	<p><b>Use drawing methods to apply knowledge of conventions appropriate to painting and/or printmaking</b></p> <p>Students can produce evidence for this standard that can be adapted to inform both painting and/or printmaking investigations. Diligent students may even produce an adequate volume of work to be assessed against the printmaking and painting standards separately and gain 8 credits.</p> <p>A teacher-directed program is delivered in Term 1 to inform a sequence of final works that are inspired by a study of traditional and contemporary Christian art.</p>	INTERNAL	4
AS 91317 (2.3)	<p><b>Develop ideas in a related series of drawings appropriate to established practice in painting and/or printmaking.</b></p> <p>This standard is generally built up in conjunction with the folio and put together after a folio of work has been completed. The purpose is to provide evidence of how ideas were generated and developed across the entire folio</p>	INTERNAL	6
AS 91322 (2.4)	<p><b>Produce a systematic body of work that shows understanding of art-making conventions and ideas within Painting or Printmaking</b></p> <p>The student will develop sequences of related works over 2x A1 folio boards. A broad range of artist models are used to ensure the folio displays both conceptual and technical developments</p>	EXTERNAL	12
AS 91311 (2.5)	<p><b>Produce a resolved work that demonstrates control of skills appropriate to cultural conventions and ideas within painting or printmaking</b></p> <p>Students can develop their own project using any of the visual art disciplines (painting, printmaking and sculpture). Only one discipline can be used to form the final work</p>	INTERNAL	4

**Course Objectives**

This course is an introduction to Photography and Film (moving image). Students will receive comprehensive instruction of how to compose their photographs, use their camera's basic functions and edit photographs in Adobe Photoshop. Opportunities to extend into moving image using Adobe Premier Pro are available.

Students are required to explore the world around them in their major assignment "Location and Light". Careful time management is critical for this course. Students will need to complete several photo-shoots for homework, which may require parental assistance in transport and managing logistics.

**Course Assessment**

8 Credits internally assessed

12 Credits for the folio 2 x A1 Boards externally moderated

**Entry Requirement**

There is no prerequisite for Level 2 Photography.

Students should have a keen interest or passion for photography and/or film. Students do not need any prior knowledge of Photoshop as this will be taught step by step.

**Course Cost**

All students are required to supply their own SD cards and an A3 clear file.

It is advisable that students supply their own DSLR or Mirrorless camera.

A limited number of school cameras are available for student use. Students intending to use school cameras need to register their interest with the teacher in charge of Photography, Mrs Edwards, to ensure there are sufficient cameras for students in this course. There may also be some additional cost over and above the school contribution fee such as buying and creating props and costumes.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91307 (2.1)	Demonstrate an understanding of methods and ideas from established practice appropriate to photography	INTERNAL extension task only	4
AS 91312 (2.2)	Use drawing methods to apply knowledge of conventions appropriate to photography	INTERNAL	4
AS 91317 (2.3)	Develop ideas in a related series of drawings appropriate to established photography practice	INTERNAL	4
AS 91325 (2.5)	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions relate to Stop Motion Film or Super Shorts Film	INTERNAL extension task only	4
AS 91322 (2.4) FOLIO	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	EXTERNAL	12

**Course Objectives**

Design is a super creative, technology rich version of Graphic Design. This course is aimed at students who have a passion for visual presentation; whose work always has creative headings and borders; whose posters are always a source of pride. This course will teach students how to develop their work digitally and professionally.

Level 2 Design offers students an introduction into designing logos, posters, character design and more. They will learn how to generate their own, original ideas and images. Students will be taught how to translate their drawings and photographs into designs using both Adobe Photoshop (pixels) and Adobe Illustrator (vector). Their work will be presented in a portfolio at the end of the year.

Careful time management is critical for this course.

**Course Assessment**

8 Credits internally assessed

12 Credits for the folio, 2 x A1 Boards externally moderated.

**Entry Requirement**

There is no prerequisite for Level 2 Design. Students do not have to be strong or confident at drawing, however Design is an ideal subject for those who do enjoying sketching and doodling. Students do not need any prior knowledge of Photoshop or Illustrator as these will be taught step by step. Students who already have a strong grasp of digital processes will enjoy the in-depth instruction into Adobe programmes and the opportunities to further their skills.

**Course Cost**

Students will require to have an A3 clear file, a set of pigment liners and a 2B pencil for drawing.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91305 (2.1)	Demonstrate an understanding of methods and ideas from established practice appropriate to design	INTERNAL <i>extension task only</i>	4
AS 91310 (2.2)	Use drawing methods to apply knowledge of conventions appropriate to design	INTERNAL	4
AS 91315 (2.3)	Develop ideas in a related series of drawings appropriate to establish design practice	INTERNAL	4
AS 91320 (2.4) FOLIO	Produce a systematic body of work that shows understanding of art making conventions and ideas within design	EXTERNAL	12

**Course Objectives**

This course is designed to develop competent Drama students.

Students will undertake a course of study that will enable them to engage with and enjoy drama in all its varieties, understand, respond to and use relevant acting techniques and production skills.

**Course Assessment**

18 Credits internally assessed

8 Credits externally moderated

**Entry Requirement**

Completion of NCEA Level 1 in Drama

Or Grade 6 Speech and Drama (subject to approval)

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91213 (2.1)	Apply drama techniques in a scripted context.	INTERNAL	4 L1 Lit, R Lit
AS 91214 (2.2)	Devise and perform a drama to realise an intention.	INTERNAL	5 L1 Lit
AS 91215 (2.3)	Discuss a drama or theatre form or period with reference to a text.	EXTERNAL	4 L1 Lit, B Lit
AS 91216 (2.4)	Perform features of a complex drama or theatre form or period	INTERNAL	4 L1 Lit, R Lit
AS 91218 (2.6)	Perform a substantial acting role in a scripted production.	INTERNAL	5 L1 Lit, R Lit
AS 91219 (2.7)	Discuss drama elements, techniques, conventions and technologies within live performance.	EXTERNAL	4 L1 Lit, W Lit



**Course Objectives**

This is a course designed for students who are competent performers.

Students will learn performance skills both individually and in a group. They will learn to compose and create their own original music. Aural skills will be further developed and an in-depth study of New Zealand Music by a variety of composers and genres will further develop student's musical knowledge.

**Course Assessment**

23 Credits internally assessed

4 Credits externally moderated

**Entry Requirement**

NCEA Level 1 Music and at least 3 years tuition on voice/instrument

Grade 3 Practical (or equivalent)

Audition

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91270	Perform two substantial pieces of music as a featured soloist	INTERNAL	6
AS 91271	Compose two substantial pieces of music	INTERNAL	6
AS 91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	INTERNAL	4
AS 91273	Devise an instrumentation for an ensemble	INTERNAL	4
AS 91274	Perform a substantial piece of music as a featured soloist on a second instrument	INTERNAL	3
AS 91276	Demonstrate knowledge of conventions in a range of music scores	EXTERNAL	4 L1 Lit

**OPTIONAL**

<b>Grade 4 Theory</b>	All students will be given the opportunity to sit an ABRSM Grade 4 Theory Exam	EXTERNAL ASSESSMENT	N/A
<b>Grade 4/5 Practical</b>	All students should aim to enter an ABRSM/Trinity Guildhall practical exam. These can be done through instrumental/ vocal tutors (in school & privately), or the HOD Music will enter students after consulting with parents/caregivers.	EXTERNAL ASSESSMENT	N/A

**EXTRA-CURRICULAR INVOLVEMENT**

It is expected that all NCEA musicians involve themselves in at least one extra-curricular music activity.

This will not only help students to develop their performance technique and style but will present them with opportunities to prepare and record performances.

All music students SHOULD take instrumental/ vocal lessons. These can be taken privately or through the school. Please contact the LOTL.

**Course Objectives**

This course is designed for students who are competent dancers.

Students will learn performance and choreography skills together and individually.

Students will learn to critically analyse all areas of dance performances. They will learn in-depth knowledge of the history of several dance genres.

This course enhances student's creativity, confidence, co-ordination, fitness and teamwork.

Year 13 Students (male or female) with a strong interest in Dance are also able to enroll into Year 12 Dance and work with a slightly modified programme of mixed Level 2 and Level 3 Achievement Standards. These students do not have to have previously taken Dance, however, they must speak to Ms Rowe prior to acceptance.

**Course Assessment**

16 Credits internally assessed

4 Credits externally moderated

**Entry Requirement**

Completion of Level 1 Dance Course

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91205	Choreograph a group dance to communicate an intention	INTERNAL	4
AS 91207	Perform and ethnic or social dance to communicate an idea	INTERNAL	4
AS 91208	Perform a theatre dance to communicate understanding of the dance	INTERNAL	4
AS 91206	Choreograph a solo dance to communicate an intention	INTERNAL	4
AS 91211	Provide an interpretation of a dance performance with supporting evidence	EXTERNAL	4 L1 Lit

**Course Objectives**

Students who complete this course will be able to apply their knowledge and skills in all areas of further study or towards employment. There are many career opportunities in the DGT sector

The revised curriculum covers a range of aspects, including:

**Databases and Digital Information:** Design and implementation of a database solution to a given problem including data analysis, queries and customised reports. There is extensive use of MS Access throughout this strand.

**Digital Media:** An understanding of the concepts and procedures of digital media through the development of a website using HTML and CSS techniques.

**Programming:** Design and implementation of a coding solution to a given problem using an object orientated environment. Covers an introduction to Visual Basic, data structures, the graphical user interface, testing and debugging. Runs alongside AS91897 which introduces the concept of project management and Agile based system development.

**Computer Science:** Examines a range of computer science concepts and students then select one to cover in detail.

**Course Assessment**

Up to 20 Credits internally assessed

Up to 6 Credits externally moderated

**Entry Requirement**

Students must have successfully completed Level 1 Technologies (DGT). Other students will be considered from their Level 1 NCEA results. A high level of literacy is required for this subject.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91896	Use advanced programming techniques to develop a computer program	INTERNAL	6
AS 91897	Use advanced processes to develop a digital outcome	INTERNAL	6
AS 91892	Use advanced techniques to develop a database	INTERNAL	4
AS 91893	Use advanced techniques to develop a digital media outcome	INTERNAL	4
AS 91898	Demonstrate understanding of a computer science concept	EXTERNAL	3 Lit
AS 91899	Present a summary of developing a digital outcome	EXTERNAL	3 Lit

**Individual students will be offered assessments that reflect their individual interests and strengths**

**Course Objectives**

Level 2 Product and Spatial Design is a standards-based course that is both internally and externally assessed. The course builds upon principles and skills learned at Year 10. Study involves developing and presenting solutions to architectural, engineering and product design problems by allowing students to utilise a range of modern Computer Aided Design (CAD) tools, as well as traditional drawing and presentation techniques. Students will design and develop their ideas, then present them using a combination of portfolio, virtual presentation and scale models.

**Course Assessment**

10 Credits internally assessed

6 Credits externally assessed

Leads to NCEA Level 3 Product and Spatial Design and Scholarship. As an approved subject on the NZQA Framework, DVC provides qualifications and experiences suitable for University Entrance, particularly for courses in industrial design, engineering, architecture, product and spatial design. DVC is a useful subject for many apprenticeships and industrial training opportunities, as well as Polytechnic courses.

**Entry Requirement**

Satisfactory completion of Year 11 Product and Spatial Design, or after consultation with the Leader of Teaching and Learning (LOTL)

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91337	Use visual communication techniques to generate design ideas.	EXTERNAL	3
AS 91343	Use visual communication techniques to compose a presentation of a design	INTERNAL	4
AS 91339	Produce instrumental perspective projection drawings to communicate design ideas	EXTERNAL	3
AS 91341	Develop a spatial design through graphics practice	INTERNAL	6
OR			
AS 91342	Develop a product design through graphics practice	INTERNAL	6

**Course Objectives**

The course is a combination of Health and Food Technology. This course covers two areas to establish the needs of the students and give direction for YEAR 13.

The Food Technology component is a student-centred course dealing with real problem solving in a practical environment. The students establish a client for whom they use technological practice to produce a creative practical solution for the client. The student will break the client's problem down into key factors, then research possible solutions and apply that research to the final practical solution. It focuses on researching, analysing and decision making.

**Course Assessment**

12 Credits internally assessed

10 Credits externally moderated

**Entry Requirement**

Proven performance in Year 11 or at the HOD's discretion.

**Students may be required to supply extra ingredients**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91356 v3	Develop a conceptual design for an outcome	INTERNAL	6
AS 91357 v3	Undertake effective development to make and trial a prototype	INTERNAL	6
AS 91366 v2	Undertake development and implementation of an effective manufacturing process	EXTERNAL	6
AS 91300 v2	Analyse the relationship between well-being, food choices and determinants of health	EXTERNAL	4

**Course Objectives**

This is an entry level course in Hospitality. The course comprises Industry based standards provided by Service IQ. Students undertaking this course will follow a set of pre-determined requirements as set by Service IQ under each set of unit standards that are delivered. The course is practical based with a written component (including written assessments). Attached which students must also complete to earn the credits. The standards provide students with opportunities to develop their base knowledge and skills identified as useful and desirable in a variety of Hospitality and Tourism trades. The course provides entry level training which can be carried on at Polytechnic and other training providers for careers in the Hospitality Industry. A range of cookery is covered with accompanying theory.

Food Safety (167, which is also a by-law), preparation and cookery methods, skills and techniques. Also, Level 2 Barista training is offered.

This course is intended for students who have shown an interest in learning within this area already or have a passion for cookery and are willing to learn more; perhaps interested in pursuing a career in the Hospitality and Tourism industry.

**Course Assessment**

22 Credits internally assessed

**Entry Requirement**

Proven performance in Year 11 or at the HOD's discretion. A willingness to learn skills and techniques including finishing and presentation techniques. (Students are required to prepare and present food of Industry quality at this level)

**Students may be required to supply extra ingredients**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 167 v9	Practice food safety methods in a food business under supervision	INTERNAL	4
US 13272 v6	Cook items by baking	INTERNAL	2
US 13276 v6	Cook food items by grilling	INTERNAL	2
US 13281 v7	Prepare and assemble basic sandwiches for service	INTERNAL	2
US 13283 v6	Prepare and present salads	INTERNAL	2
US 13285 v6	Handle and maintain knives	INTERNAL	2
US 17285 v10	Demonstrate knowledge of commercial espresso equipment and prepare espresso beverages under supervision	INTERNAL	4
US 17286 v9	Prepare and present pressed coffee for service	INTERNAL	2
US 17287 v8	Prepare and present filtered coffee for service	INTERNAL	2

**NB Some of the cookery unit standards may be subject to change**

### Course Objectives

Material Technology is a metal-based workshop course with a strong emphasis on Engineering design. This programme has been 'tailored' for students to gain the necessary qualifications, knowledge and skills in engineering design, materials, tools and equipment for university entrance to a range of engineering courses. It also provides an 'in-depth' pathway for polytechnic courses and trade apprenticeships in the various engineering disciplines when they leave school.

This is a multi-level course that begins at Level 1 but has the flexibility to cater for student abilities at various levels. Students use the knowledge and experience gained as the year progresses to inform decision-making in the design and manufacture of an 'own-choice' project.

The Level 2 programme is a design orientated practical course that requires students to use a design process to develop a product of their choice, from a concept into a functioning prototype. These programmes progressively extend and further develop the student's skill knowledge and understanding from the Level 1 programme.

To be successful students are expected to demonstrate confidence, initiative and competency in all theory, design and practical work. It is essential that prototype research, analysis and design development work is undertaken as both class and homework.

The Achievement Standards selected for the programme will develop student understanding of the materials they are working with and enhance their design skills. These standards will be an asset for entry to the various engineering courses offered in the two dominant Engineering Universities in our region.

### Course Assessment

Material Technology offers both internally and externally assessed standards providing students with the opportunity to gain an endorsement in the subject. The actual number of credits a student has the opportunity to earn is variable, depending on year-level, and the standards selected, but would normally range between 14 to 22 credits

### Entry Requirement

Level 2 candidates **MUST** have successfully completed Level 1 Material Technology in order to be considered or after consultation with the Leader of Teaching and Learning (LOTL)

### Course Costs

**12MET incurs a take home material contribution of \$60.** Some negotiated projects may incur additional costs.

This contribution will be loaded onto the student's school financial account. This contribution should not restrict any student from taking 12MET. If this contribution would be a financial barrier, it will be waived on request by the JPC Senior Management Team.

The above information is a guide only; classroom dynamics, student abilities, motivation and circumstances will dictate the final programme structure. The Technology Faculty reserves the right to make the final decision on which Standards will be offered.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91344 (2.20)	Implement advanced procedures using resistant materials to make a specified product with special features	INTERNAL	6
AS 91354 (2.1)	Undertake brief development to address an issue	INTERNAL	4
AS 91356 (2.3)	Develop a conceptual design for an outcome.	INTERNAL	6
AS 91357 (2.4)	Undertake effective development to trial and make a prototype.	INTERNAL	6

**Course Objectives**

This is a multi-level course that begins at Level 1 but has the flexibility to cater for student abilities at various levels. It is a metal-based, practical workshop course, assessed through a combination of NCEA Achievement Standards and CompeteNZ (ITO) Unit Standards. These standards provide students with opportunities to develop skills and knowledge identified as useful and desirable in a variety of trades. They are the first steps to further education at Polytechnics, apprenticeships and training for careers in the metalworking and engineering industries. This course covers a range of engineering skills and related theory: e.g. safety, hand tools and processes, safe use of power tools, fabrication, welding, machining and is intended for students with an interest in engineering and perhaps wishing to pursue a career in the Mechanical Engineering and Automotive industries as well as forestry or farming. Further credits in Year 13 are only available at Level 2 in this course

This course can also be tailored to work around students who are doing out of school programmes such as work experience or gateway courses by reducing the number of credits attempted while keeping the practical component of the course.

Level 2 students have the opportunity to manufacture a major engineering project.

**Course Assessment**

8 Credits internally assessed and externally moderated by the industry training organization, students are encouraged to follow Trade Academy and Gateway placement to gain additional credits and work experience.

**Entry Requirement**

Satisfactory completion of Year 11 Mechanical Engineering or after consultation with the Leader of Teaching and Learning (LOTL)

**Course Costs****12MEN incurs a take home material contribution of \$60**

This contribution will be loaded onto the student's school financial account. This contribution should not restrict any student from taking 12MEN. If this contribution would be a financial barrier, it will be waived on request by the JPC Senior Management Team.

**NOTE:** The above information is a guide only; classroom dynamics, student abilities and circumstances will dictate the final programme structure. The Technology Faculty reserves the right to make the final decision on which Standards will be offered.

***The programs will be structured around a selection from the following list of Standards, although others may be added as the programme for next year is developed.***



**Course Objectives**

Level 2 Materials Technology is a wood-based workshop course assessed through a combination of MOE Achievement Standards, Furniture-making Industry Training Organization (FITO) Unit Standards and Building Construction Industry Training Organization (BCITO) Unit Standards that follow-on from the Level 1 course.

However, after consultation with the teacher, the opportunity of a more 'in-depth' programme for students opting to achieve Level 2 course endorsement credits is available.

The list below is a guide to those that may be used. Usually, we select the standards that place an emphasis upon practical skills, competence, knowledge, understanding and safety matters. The course flows through to Level 3 (Year 13).

**Course Assessment**

From the list below the standards will be internally assessed and externally moderated offering approximately 18 NCEA Level 2 credits (*eighteen credits are viewed as the optimum number*)

**Entry Requirement**

Satisfactory completion of Level 1 Materials Technology or after consultation with the Leader of Teaching and Learning (LOTL)

**Course Costs**

**12WDT incurs a take home material contribution of \$60.**

This contribution will be loaded onto the student's school financial account. This contribution should not restrict any student from taking 12 WDT. If this contribution would be a financial barrier, it will be waived on request by the JPC Senior Management Team.

***The program will be structured around a selection of Standards from the following list of Standards:***

**NOT ALL OF THESE STANDARDS WILL BE USED**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91344	Implement advanced procedures using resistant materials to make a specified product with special features	INTERNAL	6
US 24354	Demonstrate knowledge of health and safety legislation and apply safe working practices in a BCATS environment	INTERNAL	4
US 12927	Demonstrate knowledge of, select, maintain, and use hand tools for BCATS projects	INTERNAL	6
US 12932	Construct timber garden furniture as BCATS projects	INTERNAL	8
US 2220	Set and operate basic boring machines to produce wooden furniture	INTERNAL	4
US 18918	Apply woodworking techniques to construct a basic carcass in furniture making.	INTERNAL	6

**The above information is a guide only; classroom dynamics, student abilities and circumstances will dictate the final programme structure. The Technology Faculty reserves the right to make the final decision on which Standards will be offered.**

**Course Objectives**

This course has a macroeconomic focus and covers a variety of current economic issues - including employment, growth, inflation and New Zealand government policies. Students will explore important issues that affect all people in New Zealand and study is based on contemporary New Zealand examples.

In Accounting, the students will be preparing Financial Statements. This involves the recording of financial information on an accrual basis, using the perpetual inventory system. Adjustments to record assets and liabilities on balance day are made and reported using financial statements.

**Course Assessment**

14 Credits internally assessed

13 Credits externally moderated

**Entry Requirement**

Open

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91222 (2.1)	Analyse inflation using economic concepts and models	EXTERNAL	4 L1 Lit (UE), W Lit
AS 91224 (2.3)	Analyse economic growth using economic concepts and models	EXTERNAL	4 L1 Lit (UE), W Lit
AS 91225 (2.4)	Analyse unemployment using economic concepts and models	INTERNAL	4
AS 91227 (2.6)	Analyse how government policies and contemporary economic issues interact	INTERNAL	6 L1 Lit, (UE) R Lit
AS 91176 (2.3)	<b>ACCOUNTING:</b> Prepare financial information for an entity that operates accounting sub-systems	EXTERNAL	5

**Course Objectives**

Business Studies is concerned with New Zealand businesses of more than 20 employees with the regional or national significance that allows to demonstrate understanding of how and why businesses respond to internal and external factors and the consequences of operational decisions.

**Course Assessment**

11 Credits internally assessed

8 Credits externally moderated

**Entry Requirement**

Open

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 90843 (2.1)	Demonstrate understanding of the internal operations of a large business	EXTERNAL	4
AS 90845 (2.3)	Apply business knowledge to a critical problem	EXTERNAL	4
AS 90847 (2.5)	Investigate the application of motivation theory in a business	INTERNAL	3
AS91865 (2.7)	Demonstrate understanding of future proofing influences that affect business viability	INTERNAL	4
AS91868 (2.10)	Demonstrate understanding of cash flow forecasting for a business	INTERNAL	4

**Course Objectives**

This course covers the basics of NZ law. Topics include principles of law; law making; principles of justice; how to challenge the power of the state; what are the checks and balances in our system of government. Each of the topics is looked at using actual cases and examples.

**Course Assessment**

20 Credits internally assessed using open book assessment methods. Grades are Achieved, Merit and Excellence and count towards overall endorsement for NCEA Level 2.

**Entry Requirement**

Open however NCEA level 1 literacy requirements must be met prior to undertaking this course

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 27839	Explain concepts of justice	INTERNAL	4
US 27842	Explain concepts of law	INTERNAL	4
US 27848	Explain a law-making concept	INTERNAL	4
US 27836	Explain concepts of democracy and government in a New Zealand context.	INTERNAL	4
US 27845	Explain litigation and dispute resolution processes	INTERNAL	4

**Course Objectives**

**Theme: 'Planet of Slums'/Homelessness** With a third of the global urban population already living in Dickensian slums, at least half under the age of twenty, Planet of Slums explores the threat of disease, of forced settlement on hazardous terrains, and of state violence on huge populations.

Surveying the new urban poor from Mumbai to Cairo, Cape Town to Rio de Janeiro, this course gives students the chance to argue whether this enormous population of marginalised labourers is not an industrious beehive of ambitious entrepreneurs but a stagnant ferment of extreme Darwinian competition which threatens to overflow the shanty-towns and swamp the homes and businesses of the urban rich.

This course is a pathway into  
L3 Geography

**Course Assessment**

Between 9-10 Credits internally assessed  
8 Credits externally moderated

**Entry Requirement**

Open entry, but experience at Level 1 Geo is preferred.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91242 (2.3)	Demonstrate geographic understanding of differences in development	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91243 (2.4)	Apply Geographic concepts and skills to demonstrate understanding of a given environment	EXTERNAL	4 1 Lit
AS 91245 (2.6)	Explain aspects of a contemporary New Zealand geographic issue	INTERNAL	3 L1 Lit
AS 91246 (2.7)	Explain aspects of a geographic topic at a global scale	INTERNAL	3 L1 Lit
AS 91241 (2.2)	Demonstrate geographic understanding of an Urban Pattern	INTERNAL	3 L1 Lit

**Course Objectives**

Content for 2024 is to be confirmed but is likely to cover the Dawn Raids and Polynesian Panther Movement, the Cold War and the Vietnam War.

**Course Assessment**

14 Credits internally assessed

14 Credits externally moderated

**Entry Requirement**

Open entry

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91229 (2.1)	Carry out an inquiry of a historical event, or place, that is of significance to New Zealanders	INTERNAL	4 L1 Lit, (UE) R Lit
AS 91230 (2.2)	Examine a historical event, or place, of significance to New Zealanders	INTERNAL	5 L1 Lit, (UE) R Lit
AS 91231 (2.3)	Examine sources of a historical event that is of significance to New Zealanders	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91232 (2.4)	Interpret different perspectives of people in a historical event that is of significance to New Zealanders	INTERNAL	5 L1 Lit, (UE) R Lit
AS 91233 (2.5)	Examine causes and consequences of a significant historical event	EXTERNAL	5 L1 Lit, (UE) W/R Lit
AS 91234 (2.6)	Examine how a significant historical event affected New Zealand society	EXTERNAL	5 L1 Lit, (UE) W/R Lit

**Course Objectives**

A study of three topics covering history, literature and art in the Classical world:

- \* The Odyssey of Homer
- \* Roman Politics in the Age of Caesar and Cicero
- \* Art and Architecture of 5<sup>th</sup> Century Athens

**Course Assessment**

10 Credits internally assessed

14 Credits externally moderated

**Entry Requirement**

Open entry

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91200 (2.1)	Examine ideas and values of the classical world	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91201 (2.2)	Examine the significance of features of work(s) of art in the classical world	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91202 (2.3)	Demonstrate understanding of a significant event in the classical world	INTERNAL	4 L1 Lit, (UE) R Lit
AS 91203 (2.4)	Examine socio-political life in the classical world	EXTERNAL	6 L1 Lit, (UE) W/R Lit
AS 91204 (2.5)	Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures	INTERNAL	6 L1 Lit, (UE) R Lit

**What is psychology about?****Psychology**

Psychology is the scientific study of human thought, emotions, and actions. Psychology helps us to understand human behaviour. It attempts to explain why we behave in the way that we do and explores questions such as:

- Why do people take risks?
- Why do good people do bad things?
- How does culture influence behaviour?
- What is the nature of intelligence?

**Course Objectives**

Content for 2024 will include:

- Sleep/dreams
- Nature vs Nurture
- Education

**Course Assessment**

21 Credits internally assessed

**Entry Requirement**

Open entry

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91844 (2.1)	Examine different psychological approaches used to explain a behaviour	INTERNAL	6 L1 Lit, (UE) R Lit
AS 91845 (2.2)	Examine how a psychological debate has changed over time	INTERNAL	3 L1 Lit, (UE) R Lit
AS 91846 (2.3)	Conduct psychological research with guidance	INTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91847 (2.4)	Examine how theory is used in fields of psychological practice	INTERNAL	5 L1 Lit, (UE) R Lit
AS 91848 (2.5)	Examine ethical issues in psychological practice	INTERNAL	3 L1 Lit, (UE) W/R Lit



There is a need to provide courses for non-academic students who wish to prepare themselves for the practical world of the workplace.

One of the main aims of this course is to send students into employment ready to work. All activity in the classroom is geared to this goal. This course is industry focused rather than an academic approach.

Throughout the year other Industry-Based courses will be offered through outside provider other providers. Mrs Hewitson co-ordinates these courses. Students are able to achieve credits for these courses.

**Course Objectives**

This course is designed for students who would like to gain valuable employment skills.

A wide range of outside courses will be offered especially in Health & Safety and Customer Service.

**Course Assessment**

20 Credits internally assessed

**Entry Requirement**

Course numbers are limited

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 12354	Describe implications of independent living, including renting and flatting	INTERNAL	4
US 12383	Explore career options relevant to an area of learning and explore their implications for oneself	INTERNAL	2
US 10781	Produce a plan for own future direction.	INTERNAL	2
US 12352	Describe aspects of own lineage, whakapapa, heritage and cultural identity	INTERNAL	3
US 12349	Demonstrate of Time Management	INTERNAL	3
US30907	Demonstrate knowledge in relation to NZ Police Force	INTERNAL	3
US 377	Demonstrate knowledge of diversity the workplace	INTERNAL	2
US	Fill in complex forms	INTERNAL	2

**Course Objectives**

This course introduces you to the tourism, travel and hospitality industries. Topics covered include:

- Destinal tourism
- General knowledge of New Zealand and other countries
- Rotorua tourism
- Communication relevant to tourism and travel

**Course Assessment**

21 Credits internally assessed

**Entry Requirement**

Course numbers are limited

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 24727	Describe and compare impacts of tourism on the physical environment	INTERNAL	3
US 24728	Demonstrate knowledge of work roles in tourism	INTERNAL	3
US 24729	Demonstrate knowledge of world tourist destinations	INTERNAL	4
US 24730	Demonstrate knowledge of the business of tourism	INTERNAL	4
US 24731	Demonstrate knowledge of destination New Zealand	INTERNAL	4
US 24732	Demonstrate knowledge of tourist characteristics and needs	INTERNAL	3

**FUTURES ACADEMY****Level 2****HOD: Mrs S Hewitson****E: [sheryl.hewitson@jpc.school.nz](mailto:sheryl.hewitson@jpc.school.nz)**

The Futures Academy focuses on delivering Trades and Technology Programmes to Secondary Students based on partnerships between Schools, Tertiary Institutions, and Industry Training Organisations. Students in Years 11 to 13, who are interested in a career in Trades or Technology are able to combine study at a Futures Academy, with studies towards their National Certificate of Educational Achievement (NCEA), and a nationally transferable tertiary qualification Level 1, 2 or 3.

The purpose of the Futures Academy is to:

- motivate more Students to stay engaged in learning and training, by providing them with a greater number of options for study
- provide Students with clear pathways post-school by giving them a head start on training for vocational qualifications, and smooth access to employment
- improve the responsiveness of Schools to businesses and economic needs

John Paul College in conjunction with the Futures Academy offers courses in:

- Construction & Infrastructure
- Manufacturing & Technology
- Creative Industries
- Service Industries
- Primary Industries
- Social & Community Services

Courses are delivered in a range of settings including Toi Ohomai, Yoobee College and Te Wananga o Aotearoa, Employ NZ. All courses have NCEA credits attached. Students enrolled in Trades Academy will attend one day a week at Level 1 and Level 2, or up to two days a week at Level 3.

Please see Mrs Jan Thompson Careers Assistant/Futures Academy Coordinator for further details: [jan.thompson@jpc.school.nz](mailto:jan.thompson@jpc.school.nz)

**GATEWAY****Level 2****Coordinator: Mrs R Hindrup****E: [rachael.hindrup@jpc.school.nz](mailto:rachael.hindrup@jpc.school.nz)**

The Gateway Programme gets students work-ready and gives senior students the opportunity to explore an occupation of interest to them. Students gain work experience, and industry related NCEA credits through the Gateway programme, and strengthen pathways to further education, training or employment.

Gateway students are required to gain (on average) a minimum of 20 credits throughout their placement. Whenever possible unit standards will be designed around each individual student and their specific place of work and will also contribute towards their achievement in NCEA. They will also be required to achieve NCEA requirements within the school curriculum. If students are to move into tertiary studies, whether an apprenticeship, or at a tertiary education organisation, NCEA academic requirements need to be kept up to date.

**Course Objectives**

The course aims to increase knowledge of how health enhancing skills and strategies assist in improving personal wellbeing and the wellbeing of others

**Course Assessment**

15 Credits internally assessed

4 Credits externally moderated

**Entry Requirement**

Year 10 Physical Education and Health teacher recommendation and Leader of Teaching and Learning (LOTL) discretion.

**The programme will be constructed around the following achievement standards subject to reconsideration**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91235	Analyse an adolescent health issue	INTERNAL	5 L1 Lit
AS 91236	Evaluate factors that influence people's ability to manage change	INTERNAL	5 L1 Lit
AS 91237	Take action to enhance an aspect of people's well-being within the school or wider community	INTERNAL	5 L1 Lit
AS 91238	Demonstrate understanding of interpersonal skills used to enhance relationships.	EXTERNAL	4 L1 Lit

**Course Objectives**

This course has a focus on increasing knowledge of the body systems and biomechanics, physical fitness and training methods, risk management, skill performance and sports psychology

**Course Assessment**

16 Credits internally assessed

**Entry Requirement**

- Achieved at least 3 Standards in Level 1 Sports Science
- On the recommendation of the Level 1 SSC teacher and Leader of Teaching and Learning (LOTL) discretion
- Average to above-average fitness levels required.
- **Must be involved in a sports activity within JPC**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91328 (2.2A)	Apply knowledge of anatomy, biomechanical principles, skill learning and sports psychology to learning a sports skill	INTERNAL	5
AS 91329 (2.3B)	Develop and evaluate a training programme showing understanding of training principles	INTERNAL	4
AS 91330 (2.4B)	Perform a Physical Activity in an Applied Setting	INTERNAL	4
AS 91333 (2.7A)	Participate in an outdoor activity and apply risk management strategies.	INTERNAL	3

**Course Objectives**

This course offers students the opportunities to:

Experience a range of outdoor activities and develop skills in multiple disciplines.

Develop personal, interpersonal skills and confidence in various outdoor settings

**Course Assessment**

Internally assessed

3 Level 1 Credits internally assessed.

30 Level 2 Credits internally assessed.

**Entry Requirement**

Students need to be aware there is an element of risk involved with outdoor recreation. There are activities that involve out of school hours, including an overnight and weekend camps

**Course cost**

There will be an additional fee over and above the contribution fee.

**The following Unit Standards may be offered but course will be adapted to class and availability of providers.**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 425	Experience day tramps	INTERNAL	3
US 426	Prepare for camping, establish campsites, experience camp living, and leave campsites with minimal impact on the environment.	INTERNAL	3
US 431	Navigate in good visibility on land.	INTERNAL	3
US 457	Mountain bike on intermediate to expert terrain	INTERNAL	2
US 467	Demonstrate personal and social development through participation in adventure-based learning	INTERNAL	3
US 470	Demonstrate personal and social development through participation in low rope course activities	INTERNAL	3
US 473	Demonstrate personal and social development through participation in high ropes course activities	INTERNAL	3
US 20138	Select, set up and maintain a mountain or cycle touring bike	INTERNAL	3
US 20159	Gather and apply weather information to an outdoors recreation activity	INTERNAL	2

**Course Objectives**

A predominantly practical-based course focusing on physical skills in a variety of in-school and Outdoor Education activities.

**Course Assessment**

10 Credits internally assessed

**Entry Requirement**

Recommendation and discretion of Level 1 Physical Education teacher and Leader of Teaching and Learning (LOTL)

Average to above-average fitness and skill levels. Reasonable and appropriate behaviours in an outdoor setting

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91330 (2.4A)	Perform a physical activity in an applied setting	INTERNAL	4
AS 91333 (2.7A)	Analyse the application of risk management strategies to a challenging outdoor activity	INTERNAL	3 L1 Lit
AS 91335 (2.9)	Implementation and outcome of a physical activity, event or opportunity.	INTERNAL	3

## NOTES



# **LEVEL THREE**

**RELIGIOUS EDUCATION  
(RED)****Level 3****LOTL: Mrs K Bloomfield**  
**E: [karen.bloomfield@jpc.school.nz](mailto:karen.bloomfield@jpc.school.nz)****Course Objectives**

In accordance with the requirements of the Special Character of the College, Year 13 students will undertake a compulsory course in Religious Education. All units studied will contribute towards the award of the National Certificate of Education, Level 3.

Religious Education is an approved subject for university entrance.

**Course Assessment**

100% Internal Assessment; students achieving 14 or more credits at Merit or Excellence level can have the subject endorsed with Merit or Excellence (as appropriate).

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91725 v2	<b>Jesus the Christ</b> Analyse the meanings in a sacred text within a religious tradition	INTERNAL	6 R Lit
AS 90825 v3	<b>Sects, Cults and New Religious Movements</b> Analyse a religious tradition(s) in Aotearoa New Zealand	INTERNAL	6
AS 90826 v3	<b>Ethics</b> Analyse the response of a religious tradition to a contemporary ethical issue	INTERNAL	6 R Lit
AS 90827 v3	<b>Finding Meaning in Today's World</b> Analyse the key beliefs of a religious tradition and a secular world view in relation to ultimate questions	INTERNAL	6 R Lit

**FAITH IN ACTION  
(FIA)****Level 3****LOTL: Mrs K Bloomfield**  
**E: [karen.bloomfield@jpc.school.nz](mailto:karen.bloomfield@jpc.school.nz)****Course Objectives**

This is a course designed for students who are participating in an alternative pathway. It has a greater practical component than the mainstream course. Students will spend one day a fortnight taking part in practical activities to support the local community and environment. This will support a topic relating to [Interpersonal Communications](#). The aim of this element of the course is to develop the concept of service. They will also study two Religious Education topics. The course will have limited entry.

**Course Assessment**

18 Credits internally assessed.

**Entry Requirements**

Students may opt to take part in the course, but entry will be at the discretion of the Leader of Teaching and Learning (LOTL). Those students who have completed 12FIA course will automatically be placed in the class.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 90825 v3	<b>Sects, Cults and New Religious Movements</b> Analyse a religious tradition(s) in Aotearoa New Zealand	INTERNAL	6
AS 90826 v3	<b>Ethics</b> Analyse the response of a religious tradition to a contemporary ethical issue	INTERNAL	6 R Lit
US 30906 v1	<b>Faith in Action</b> Plan and engage in an activity intended to benefit the community	INTERNAL	6 L1 Lit

### Course Objectives

This combines the regular Level 3 Religious Education course with an additional optional course in which students will prepare for the external Religious Education.

*"To prove their capability at Scholarship or Outstanding Scholarship level, candidates have to be able to respond to the challenge of exploring the complex scenario set in the prompt material and questions. In their response, they use their highly developed knowledge, skills, and understanding from the field of Religious Studies; they show their ability to integrate, synthesise, and apply it with a strong argument that shows a high level of analysis and critical thinking."*

### Entry Requirements

Students may opt to take part in the course, but entry will be at the discretion of the Leader of Teaching and Learning (LOTL). Students should have gained a minimum of 18 excellence credits in the Level 2 Religious Education course.

Scholarship Religious Education	<b>Higher level Religious Studies</b> The theme of the exam will be given at the start of the year.	EXTERNAL	Scholarship
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<b>COURSE:</b>	<b>RELIGIOUS STUDIES SCHOLARSHIP &amp; LEVEL 3 COMBINED</b>
<b>QUALIFICATION:</b>	18-24 Credits towards NCEA Level 3; Religious Studies Scholarship
<b>DESCRIPTION:</b>	In accord with the requirements of the Special Character of the College, Year 13 students will undertake a compulsory course of Religious Studies. All units studied will contribute towards the award of the National Certificate of Education, Level 3. Religious Studies is an approved subject for university entrance. In addition students on this course will prepare for the external Religious Studies Scholarship NCEA exam.
<b>ASSESSMENT:</b>	100% Level 3 Internal Assessment; students achieving 14 or more credits at merit or excellence level can have the subject endorsed with merit or excellence (as appropriate). External Religious Studies Scholarship

ACHIEVEMENT/ UNIT STANDARD	DESCRIPTION	INTERNAL/ EXTERNAL ASSESSMENT	NO. OF CREDITS	LITERACY & NUMERACY CREDITS
AS91725v2	<b>Jesus the Christ</b> Analyse the meanings in a sacred text within a religious tradition	INTERNAL	6 Credits	R Lit
AS90825v3	<b>Sects, Cults and New Religious Movements</b> Analyse a religious tradition(s) in Aotearoa New Zealand	INTERNAL	6 Credits	Optional for Scholarship Candidates
AS90826v3	<b>Ethics</b> Analyse the response of a religious tradition to a contemporary ethical issue	INTERNAL	6 Credits	R Lit
AS90827v3	<b>Finding Meaning in Today's World</b> Analyse the key beliefs of a religious tradition and a secular world view in relation to ultimate questions	INTERNAL	6 Credits	R Lit
Scholarship Religious Studies	<b>Higher level Religious Studies</b> The theme of the exam will be given at the start of the year.	EXTERNAL	Scholarship	N/A

**Course Pathways**

In 2024, we are offering a variety of English courses at each year level to better suit the needs and abilities of our students. Students will be placed in an appropriate course. If there are any issues regarding this, you will then be able to discuss your options with the Leader of Teaching and Learning (LOTL).

At Level 3 (Year 13) we are offering one course for those who need English as part of one of their auniversity approved subjects.

Examination English (EEN) NCEA for which you must have succeeded in at least two external papers at Level 2 and have teacher approval

Those students who require UE Literacy, but do not gain it in Year 12 may be required to re-visit Level 2 in Year 13

**Course Objectives**

This is a course designed for students who are extremely competent in English and have wide reading skills. It is strongly recommended that students have ability in this subject and enjoy essay writing as well as reading.

**Course Assessment**

This course will provide excellent preparation for university study.

13 Credits internally assessed

12 Credits externally moderated

**Entry Requirements**

A minimum of 15 NCEA Level 2 Credits

External preliminary results must be high merit or excellence including success in at least two external standards at Level 2. Consultation with the Leader of Teaching and Learning (LOTL)

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91472 (3.1)	Respond critically to specified aspect(s) of studied written text(s), supported by evidence	EXTERNAL	4 B Lit
AS 91473 (3.2)	Respond critically to specified aspect(s) of studied visual or oral text(s), supported by evidence	EXTERNAL	4 W Lit
AS 91474 (3.3)	Respond critically to significant aspects of unfamiliar written texts through close reading, supported by evidence	EXTERNAL	4 B Lit
AS 91475 (3.4)	Produce a selection of fluent and coherent writing which develops, sustains, and structures ideas	INTERNAL	6 W Lit
AS 91476 (3.5)	Create and deliver a fluent and coherent oral text which develops, sustains, and structures ideas	INTERNAL	3
AS 91479 (3.8) or AS 91478 (3.7)	Develop an informed understanding of literature and/or language using critical texts OR respond critically to connections across texts/	INTERNAL	4 R Lit (3.8)

**This course is flexible enough to allow teachers to replace some of the above standards to those more suited to the teaching group.**

**Course Objectives**

This is a language course aimed at proficiency in Spanish reading, writing, listening and speaking, which will enable students to understand much of what is written or spoken by other speakers of Spanish in a wide range of contexts

**Course Assessment**

14 Credits internally assessed

10 Credits externally moderated

**Entry Requirement**

At least 14 Credits at NCEA Level 2 Spanish or in consultation with Ms Parker

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91568 (3.1)	Demonstrate understanding of a variety of extended spoken Spanish texts	EXTERNAL	5
AS 91569 (3.2)	Give a clear spoken presentation in Spanish that communicates a critical response to stimulus material.	INTERNAL	3
AS 91570 (3.3)	Interact clearly using spoken Spanish to explore and justify varied ideas and perspectives in different situations.	INTERNAL	6
AS 91571 (3.4)	Demonstrate understanding of a variety of extended written and/or visual Spanish texts.	EXTERNAL	5
AS 91572 (3.5)	Write a variety of text types in clear Spanish to explore and justify varied ideas and perspectives.	INTERNAL	5

**Te Reo Maori Marautanga**

*‘Ko te reo Māori, te hā o te Māori’ (‘The Māori language is the life breath of Māori’).*

**SUBJECT STATEMENT**

Te Reo Māori, the indigenous language of Aotearoa, is a taonga and is guaranteed protection under Te Tiriti o Waitangi. As students learn in Te Reo Māori, they also deepen their knowledge and understanding of tikanga Māori and develop their own personal, group and national identities.

Building language competency and a Māori knowledge base is core to our learning journey and our students are at the heart of all that we do. By experiencing the language in both formal and informal situations and at increasing levels of complexity, students become skilled and confident to take up the myriad of roles and career opportunities on offer.

**COURSE CONTENT**

- Whakarongo i te reo o te ao whānui (listening)
- Kōrero i te reo o te ao whānui (speaking)
- Pānui kia whai maramatanga i te reo o te ao whānui (reading)
- Whakaoti tuhinga ōkawa i te reo o te ao whānui (writing)
- Pānui kia wetewete i te reo o te ao whānui
- Hanga tuhinga auaha i te reo o te ao whānui

**Course Assessment**

10 Credits internally assessed

12 Credits externally moderated

**Entry Requirement**

Year 12 Te Reo Māori

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91650 (3.1)	Whakarongo kia mohio ki te reo Māori o te ao whānui	INTERNAL	4 L1 Lit
AS 91651 (3.2)	Kōrero kia whakamahi i te reo Māori o te ao whānui	INTERNAL	6 L1 Lit
AS 91652 (3.3)	Pānui kia mohio ki te reo Māori o te ao whānui	EXTERNAL	6 L1 Lit, R Lit
AS 91653 (3.4)	Tuhi i te reo o te ao whānui	EXTERNAL	6 L1 Lit, W Lit
AS 91654 (3.5)	Waihanga tuhinga whai take, i te reo Māori o te ao whānui	INTERNAL	6 L1 Lit, W Lit

**WHERE DOES IT LEAD?**

- Tertiary programmes in Te Reo Māori
- University Māori Language papers
- Cultural Advisor (Government Department)
- Languages Teaching
- Performing Arts, Radio broadcaster/ Television presenter
- Kohanga Reo, Kura Kaupapa, Teachers, Kai Awhina
- Radio/ Television Journalist
- Police Officer
- Moko artist
- Personal, social, cultural development
- Advantages in a wide range of vocational areas

Nau mai haere mai ki Te Ao Haka!

Te Ao Haka is a culturally responsive art form, providing opportunities for all ākonga to engage in Māori culture, language, and traditional practice. Te Ao Haka is founded on traditional knowledge, but is progressive in the development and evolution of the art form. Te Ao Haka is enabling and centres around the importance of family, marae, iwi, hapū, and waka through connection with the past, present and future. This belonging gives ākonga a purpose to strive towards and achieve to their full potential, including empowering them to have fun and enjoy the performing arts. Ākonga who engage with Te Ao Haka recognise that pride in their culture also comes with a responsibility to create a positive space for others to continue expressing themselves in developing their craft. Therefore, ākonga are able to understand their contributions to the art form.

### Course Assessment

10 Credits internally assessed

10 Credits externally moderated

### Entry Requirement

Students have participated in the Level 2 Te Ao Haka programme, are in the JPC Kapa Haka Roopu and are passionate about Kapa Haka.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
Te Ao Haka (3.1)	Reflect on a personal learning journey in a discipline of Te Ao Haka	INTERNAL	5
Te Ao Haka (3.2)	Perform three categories within a discipline of Te Ao Haka	INTERNAL	5
Te Ao Haka (31.3)	Perform two Te Ao Haka disciplines	EXTERNAL	5
Te Ao Haka (3.4)	Demonstrate understanding of a key role within Te Ao Haka	EXTERNAL	5

### WHERE DOES IT LEAD?

This course is a University Entrance approved subject

Career pathways include:

- Tourism Industry (International)
- Languages
- Performing Arts
- Kaiako
- Radio/Television Journalist
- Radio broadcaster, Television presenter
- Personal, social, cultural development
- Advantages in a wide range of vocational areas
- Toi Whakaari

**Course Objectives**

This is an English language course for students from non-English-speaking backgrounds, who are at upper-intermediate level English (The Common European Framework of Reference for Languages mid B1).

In a multi-level class, students will develop their listening, speaking, reading and writing skills through a range of communication activities. They will increase their range of grammar, vocabulary and phonology through theme-based topic study. Students will also have opportunities to learn about New Zealand culture, prepare for external exams such as TOEIC and IELTS, and use their English language study to support their other curricular subjects.

**Course Assessment**

Possible 24 Credits internally assessed

**Entry Requirement**

A placement test, Level 3 of the English Language Progressions, or by consultation.

The following is a sample of standards offered. A full list is available on request. Standards will be selected according to the student's level, interest and need.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 28068	Write a connected text on a familiar topic (EL)	INTERNAL	5
US 30508	Write a short-crafted text for a specified audience using resource material in English for an academic purpose (EAP)	INTERNAL	6
US 30510	Deliver a short oral presentation in English for an academic purpose (EAP)	INTERNAL	5
US 30511	Read and apply understanding in English for academic purposes (EAP)	INTERNAL	6
US 30990	Demonstrate understanding of a spoken interaction in a familiar context (EL)	INTERNAL	5
US 30997	Read and understand a text on a familiar topic (EL)	INTERNAL	5
US 31016	Participate in a spoken interaction on a familiar topic (EL)	INTERNAL	5



At Level 3 we are offering 3 courses

1. Calculus (MAC)
2. Scholarship Statistics (MSS)
3. Statistics (MSA)

### Course Objectives

This is a pure Mathematics course designed for students who are **very competent** mathematics students. Students will undertake a course of study in the topics of Algebra, Differentiation, Integration, Trigonometry and Linear Programming up to and including Level 8 of the New Zealand Mathematics Curriculum. Students must have **strong algebra skills** to cope with the demands of this course.

### Course Assessment

7 Credits internally assessed

17 Credits externally moderated

### Entry Requirement

Full NCEA Level 2 Course, Achievement in 2.2 Graphs, 2.4 Trigonometry, 2.7 Calculus; Merit in 2.6 Algebra  
Achievement Standards required

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91573 (3.2)	<b>Conic Sections:</b> Apply the geometry of conic sections in solving problems	INTERNAL	3 Num
AS 91575 (3.3)	<b>Trigonometry:</b> Apply trigonometric methods in solving problems	INTERNAL	4 Num
AS 91577 (3.5)	<b>Algebra:</b> Apply algebraic methods in solving problems	EXTERNAL	5 Num
AS 91578 (3.6)	<b>Calculus:</b> Apply differentiation methods in solving problems.	EXTERNAL	6 Num
AS 91579 (3.7)	<b>Calculus:</b> Apply integration methods in solving problems.	EXTERNAL	6 Num

**Note: Achievement Standards can be replaced or deleted at the discretion of the teacher.**

**Course Objectives**

This is a full Statistics course developing a range of reporting, statistical analysis and probability skills. Students will undertake a course of study in the topics of statistical investigation, statistical literacy and probability up to and including Level 8 of the New Zealand Mathematics Curriculum.

**Course Assessment**

15 Credits internally assessed

4 Credits externally moderated

**Entry Requirement**

At least 10 credits in Level 2 Mathematics or Statistics

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91580 (3.8)	<b>Time Series:</b> Investigate time series data	INTERNAL	4 Num, Lit
AS 91581 (3.9)	<b>Bi-variate Data:</b> Investigate bi-variate measurement data	INTERNAL	4 Num, Lit
AS 91582 (3.10)	<b>Statistical Inference:</b> Use statistical methods to make a formal inference	INTERNAL	4 Num, Lit
AS 91584 (3.12)	<b>Statistical Reports:</b> Critically evaluate statistically based reports	EXTERNAL	4 Num, UE Reading & Writing
AS 91587 (3.15)	<b>Equations:</b> Apply systems of simultaneous equations in solving problems	INTERNAL	3 Num

**Note: Achievement Standards can be replaced or deleted at the discretion of the teacher.**

### Course Objectives

This course is designed for **extremely competent** Mathematics students.

This is a full Statistics course developing a range of reporting, statistical analysis and probability skills. Students will undertake a course of study in the topics of statistical investigation, statistical literacy and probability up to and including Level 8 of the New Zealand Mathematics Curriculum.

### Course Assessment

16 Credits internally assessed

12 Credits externally moderated

### Entry Requirement

A minimum of 15 NCEA Level 2 Credits External preliminary results must be high merit or excellence including success in at least two external standards at Level 2.

Endorsed with Excellence in English Level 1.

In consultation with the Leader of Teaching and Learning (LOTL)

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91580 (3.8)	<b>Time Series:</b> Investigate time series data	INTERNAL	4 Num, Lit
AS 91581 (3.9)	<b>Bi-variate Data:</b> Investigate bi-variate measurement data	INTERNAL	4 Num, Lit
AS 91582 (3.10)	<b>Statistical Inference:</b> Use statistical methods to make a formal inference	INTERNAL	4 Num, Lit
AS 91583 (3.11)	<b>Experiments:</b> Conduct an experiment to investigate a situation using experimental design principles	INTERNAL	4 Num, Lit
AS 91584 (3.12)	<b>Statistical Reports:</b> Critically evaluate statistically based reports	EXTERNAL	4 Num, Lit UE Reading & Writing
AS 91585 (3.13)	<b>Probability;</b> Apply probability concepts in solving problems	EXTERNAL	4 Num
AS 91586 (3.14)	<b>Probability Distributions:</b> Apply probability distributions in solving problems	EXTERNAL	4 Num

**Note: Achievement Standards can be replaced or deleted at the discretion of the teacher.**

**Course Objectives**

This course extends students' previous knowledge in Biology, providing an in-depth study of plant responses and animal behaviours, evolution and human evolution. Homeostasis and research on socio-scientific issues are components of the internal assessments.

**Course Assessment**

10 Credits internally assessed (plus another optional 4 Credits)

9 Credits externally moderated

**Entry Requirement**

At least 14 Credits in Level 2 Biology, including 8 from external assessments, or at the discretion of the Leader of Teaching and Learning (LOTL)

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 90601	Carry out a practical investigation in a biological context, with guidance	INTERNAL	4 L1 Lit, Num
AS 90602	Integrate biological knowledge to develop an informed response to a socio-scientific issue	INTERNAL	3 L1 Lit, B Lit
AS 90603	Demonstrate understanding of the responses of plants and animals to their external environment	EXTERNAL	5 L1 Lit, B Lit
AS 90604	Demonstrate understanding of how an animal maintains a stable internal environment	INTERNAL	3 L1 Lit, R Lit
AS 90605	Demonstrate understanding of evolutionary processes leading to speciation	EXTERNAL	4 L1 Lit, B Lit

**Course Objectives**

Level 3 Chemistry is a challenging yet rewarding programme. Students will deepen their understanding of Chemistry and prepare for university-level Chemistry which is a requirement for a number of courses such as medicine and engineering. Students will investigate different aspects of Chemistry ranging from Physical Chemistry, Inorganic and Organic Chemistry to aqueous systems.

**Course Assessment**

10 Credits internally assessed

15 Credits externally moderated

**Entry Requirement**

At least 14 Credits in Level 2 Chemistry and achievement in at least two of the external standards; or at the discretion of the Leader of Teaching and Learning (LOTL). At least 10 Credits in L2 Mathematics with basic understanding of logarithm and algebra is strongly recommended for AS 91392.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91387 *	Carry out an investigation in chemistry involving quantitative analysis	INTERNAL	4 L1 Lit, W Lit, Num
AS 91388	Demonstrate understanding of spectroscopic data in chemistry	INTERNAL	3
AS 91390	Demonstrate understanding of thermochemical principles and the properties of particles and substances	EXTERNAL	5 L1 Lit
AS 91391	Demonstrate understanding of the properties of organic compounds	EXTERNAL	5 L1 Lit
AS 91392	Demonstrate understanding of equilibrium principles in aqueous systems	EXTERNAL	5 L1 Lit, Num
AS 91393	Demonstrate understanding of oxidation–reduction processes	INTERNAL	3 L1 Lit

**\*The entry to AS 91387 is optional** – there will be no class time dedicated to the standard; teacher's guidance will be provided.

**Course Objectives**

This course is designed for students who wish to continue their General Science education.

**Course Assessment**

15 Credits internally assessed

4 Credits externally moderated

**Entry Requirement**

Successful completion of the Level 2 GSC course, or at the discretion of the Leader of Teaching and Learning (LOTL)

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91410	Carry out an independent practical Earth and Space Science investigation	INTERNAL	4 L1 Lit, B Lit, Num
AS 91411	Investigate a socio-scientific issue in an Earth and Space Science context	INTERNAL	4 L1 Lit, B Lit
AS 91602	Integrate biological knowledge to develop an informed response to a socio-scientific issue	INTERNAL	3 L1 Lit, B Lit
AS 91413	Demonstrate understanding of processes in the ocean system	EXTERNAL	4 L1 Lit, B Lit
AS 91415	Investigate an aspect of astronomy	INTERNAL	4 L1 Lit, R Lit

**Course Objectives**

This course develops students' previous study of Physics.

Topics studied: Mechanics, Waves, Electromagnetism and Atomic physics

**Course Assessment**

3 Credits internally assessed

16 Credits externally moderated

**Entry Requirement**

Achievement in all three Level 2 Physics external standards; or at the discretion of the Leader of Teaching and Learning (LOTL)

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91523	Demonstrate understanding of wave systems	EXTERNAL	4 L1 Lit
AS 91524	Demonstrate understanding of mechanical systems	EXTERNAL	6 L1 Lit
AS 91525	Demonstrate understanding of Modern Physics	INTERNAL	3 L1 Lit
AS 91526	Demonstrate understanding of electrical systems	EXTERNAL	6 L1 Lit

### Course Objectives

Fine art at John Paul College encompasses multiple disciplines and a substantial array of unique skills can be investigated and applied to a personal year-long investigation. Painting and Printmaking open opportunities for students to gain access to a broad range of creative vocations. Historically our fine art students gain acceptance into Architecture, Graphic Design, Spatial Design, Animation, and Fine Art using the work produced in this subject when applying to tertiary institutions. Fine art can also provide pathways for entrepreneurial creative students who want to create their own unique vocational opportunities.

At Level 3, students can undertake their own personal investigation, or follow a teacher-directed program that develops a folio with strong painting, printmaking, photographic and sculptural methods intertwined.

**NOTE CAREFULLY:** students can negotiate a program that caters for their needs with the HOD, Miss Worrall. Students do not have to do the external folio but have the flexibility of working through any combination of the internal achievement standards.

### Course Assessment

Internal assessment and external moderation opportunities are provided

### Entry Requirement

You need a genuine interest in creating exciting works of art, while learning a wide variety of skills across a range of disciplines. Drawing and painting skills are not necessary as a wide variety of processes, media and disciplines can be applied, including digital art methods. You must have good time-management skills and a passion for art if undertaking the folio.

### Course Cost

2x A3 20-page clear files are used to keep all work organised

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91446 (3.2)	<b>Use drawing methods to apply knowledge of conventions appropriate to painting and/pr printmaking</b> Students can produce backup work for their folio in this standard (if they are seeking endorsement one internal and one external must be completed). Highly dedicated students could produce enough work in this standard to be assessed against the painting and printmaking standard and gain 8 credits instead of 4	INTERNAL	4
AS 91451 (3.3)	<b>Systematically clarify ideas using drawing informed by established painting and printmaking practice</b> Students can use this standard for a variety of purposes. This standard can be attempted by dedicated students who are prepared to produce evidence throughout the year of how all of their ideas were developed across the external folio	INTERNAL	4
AS (3.4)	<b>This standard is not compulsory however students working to be endorsed in this subject need to pass this standard along with one internal achievement standard</b> At Level 3 students should be developing their own year-long investigation and produce a variety of related sequences of final works across 3x A1 folio boards. Excellent time-management skills are essential and regular weekly homework must be utilised to manage the workload	EXTERNAL	14
AS 91460 (3.5)	Produce a resolved work that demonstrates control of skills appropriate to a visual arts cultural context. This standard can be used for a variety of purposes. A large-scale final artwork can be produced using any combination of the visual art disciplines. This work could be an extension of a folio or it can be a final piece of work based on a personal project. Only one visual art discipline can be assessed.	INTERNAL	4



**Course Objectives**

Photography and Film is UE Approved. This course continues from Level 2 Photography, to build on the instruction of camera function, using the studio at school, editing images in Adobe Photoshop and developing ideas in a folio.

Opportunities to extend into moving image using Adobe Premier Pro are available.

At level 3, students are expected to be competent in controlling basic functions of a DSLR camera. Students will further their digital fluency in Adobe Photoshop, as they learn more complex and sophisticated digital manipulations. In the development of their ideas, students will be required to continually and clearly reference established artists. This will ensure students develop high-level thinking as young photographers.

Careful time management is critical for this course. Students should be willing to do a considerable amount of their photographic work independently for homework, which may require parental assistance in transport and managing logistics

**Course Assessment**

8 Credits internally assessed

14 Credits for the folio, 3 x A1 Boards externally assessed exam.

In their folio, students will explore highly creative approaches to developing a theme of their own choice. They will also submit a supporting workbook, which includes all of the research and development of ideas for their folio. This workbook covers assessment for both of their internal assessments worth 8 credits.

**Entry Requirement**

Students must have a keen interest and passion for photography.

Ideally, students should have completed Level 2 Photography, however students may pick up Photography for the first time at Level 3. Consultation with Mrs Bryony Edwards, the teacher in charge of Photography is required.

**Course Cost**

Students are required to supply their own SD card and A3 clear files (last years are fine to re-use).

It is advisable that students supply their own DSLR or Mirrorless camera if possible. A limited number of school cameras are available for student use. Students intending to use school cameras need to register their interest with Mrs Edwards to ensure there are sufficient cameras for students in this course. Priority is given to students who have already taken Photography in Year 12.

There may be some additional cost over and above the contribution fee such as buying and creating props and costumes.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91442 (3.1)	Analyse methods and ideas from established photography practice	INTERNAL <i>extension task only</i>	4
AS 91447 (3.2)	Use drawing to demonstrate understanding of conventions appropriate to photography.	INTERNAL	4
AS 91452 (3.3)	Systematically clarify ideas using drawing informed by established photography practice.	INTERNAL	4
AS 91457 (3.4) FOLIO	Produce a systematic body of work that integrates conventions and regenerates ideas within photography practice.	EXTERNAL	14

**Course Objectives**

Design is UE Approved. This course continues from Level 2 Design, where students have built a strong foundation of skills and knowledge. Students work on their own graphic design project and explore their own personal design style. They are expected to be competent in translating their own drawings and/or photographs using both Adobe Photoshop (pixels) and Adobe Illustrator (vector). They will continue to grow their understanding as they learn more complex and sophisticated digital manipulations.

Students explore how powerful design is as a communicative tool. Traditional and current design trends are studied to inspire and may involve branding, logos, posters, illustration, character design and more. This will ensure students develop high-level thinking as young designers.

Careful time management is critical for this course.

**Course Assessment**

8 Credits internally assessed

14 Credits for the folio, 3 x A1 Boards externally assessed exam

**Entry Requirement**

There is no prerequisite for Level 3 Design, however it is highly advisable to have taken 12 Design. Students picking up Design at Level 3 for the first time must be prepared to spend extra time, beyond timetabled hours, to learn essential skills.

Students do not have to be strong or confident at drawing, however Design is an ideal subject for those who do enjoying sketching and doodling. Students do not need any prior knowledge of Photoshop or Illustrator as these will be taught step by step. Students who already have a strong grasp of digital processes will enjoy the in-depth instruction into Adobe programmes and the opportunities to further their skills.

**Course Cost**

Students will need to have an A3 clear file, a set of pigment liners (4+2) and a 2B pencil for drawing.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91440 (3.1)	Analyse methods and ideas from established design practice	INTERNAL <i>extension task only</i>	4
AS 91445 (3.2)	Use drawing to demonstrate understanding of conventions appropriate to design	INTERNAL	4
AS 91450 (3.3)	Systematically clarify ideas using drawing informed by established design practice	INTERNAL	4
AS 91455 (3.4) FOLIO	Produce a systematic body of work that integrates conventions and regenerates ideas within design practice	EXTERNAL	14

**Course Objectives**

This is a course designed for students who are competent Drama students. Students will undertake a course of study that will enable them to:

Integrate drama techniques to communicate meaning in improvised and scripted drama

Use elements and conventions to devise, script and perform individual drama

Research, prepare and perform a production role

Analyse, apply and reflect critically on drama processes and performances

**Course Assessment**

14 Credits internally assessed

8 Credits externally moderated

**Entry Requirement**

NCEA Level 2 or Grade 7 Speech and Drama

Scholarship Drama Offered

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91512	Interpret scripted text to integrate drama techniques in performance	INTERNAL	4 L1 Lit, R Lit
AS 91513	Devise and perform a drama to realize a concept.	INTERNAL	5 L1 Lit
AS 91514	Interpret a prescribed text to demonstrate knowledge of a theatre form or period	EXTERNAL	4 L1 Lit, B Lit
AS 91517	Perform a substantial acting role in a significant production.	INTERNAL	5 L1 Lit, R Lit
AS 91518	Demonstrate understanding of live drama performance	EXTERNAL	4 L1 Lit, W lit

**PLEASE NOTE:**

**Drama** is an endorsed subject: Therefore, students can use 14 credits in this subject at Level 3 to gain access to courses at universities that do not necessarily involve Drama.

**University Entrance:** Students wanting to take Drama courses with tertiary providers will be required to have passed NCEA Level 3, with preference to Drama studies.

### Course Objectives

This is a course designed for **confident** music students. Students wishing to study NCEA Level 3 Music must have completed NCEA Level 2 Music and/or completed external music theory and instrumental examinations to a minimum of grade 4 standard

### Practical Music:

Students present a performance of a programme of music as a member of a group.

They arrange two pieces of music for an ensemble of at least 3 independent parts, one instrumental, and one involving at least 1 vocal part

Students present a portfolio of music in composition and performance

They will demonstrate developed aural skills through competent transcription and notation of music.

In the external standard students will demonstrate an understanding of harmonic and tonal procedures in a range of music

### Course Assessment

#### Practical Music

34 Credits internally assessed

4 Credits externally moderated

### Entry Requirement

NCEA Level 2 and/or Grade 4 Theory/Practical

Audition

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91416	Perform two programmes of music as a featured soloist	INTERNAL	8
AS 91417	Perform a programme of music as a featured soloist on a second instrument	INTERNAL	4
AS 91418	Demonstrate ensemble skills by performing two substantial pieces of music as a member of a group	INTERNAL	4
AS 91419	Communicate musical intention by composing three original pieces of music	INTERNAL	8
AS 91421	Demonstrate understanding of harmonic and tonal conventions in a range of music scores	EXTERNAL	4
AS 91424	Create two arrangements for an ensemble	INTERNAL	4
AS 91425	Research a music topic	INTERNAL	6 L1 Lit, R Lit

### OPTIONAL

<b>Grade 5 Theory</b>	All students will be given the opportunity to sit an ABRSM Grade 5 Theory Exam <b><u>Tertiary music course entry requirement</u></b>	EXTERNAL	Credits N/A
<b>Grade 6 Practical (or higher)</b>	All students should aim to enter an ABRSM/Trinity Guildhall practical exam. These can be done through instrumental/ vocal tutors (in school & privately), or the HOD Music will enter students after consulting with parents/caregivers. <b><u>Tertiary music course entry requirement</u></b>	EXTERNAL	Credits N/A

### EXTRA-CURRICULAR INVOLVEMENT

It is expected that all NCEA musicians involve themselves in at least one extra-curricular music activity. This will not only help students to develop their performance technique and style but will present them with opportunities to prepare and record performances.

All music students SHOULD take instrumental/ vocal lessons. These can be taken privately or through the school. Please contact the HOD Music for information.

**Course Objectives**

- This course is designed for students who are competent dancers.
- Students will develop their performance and choreography skills working both individually and in groups.
- Students will create performances, including aspects such as lighting, costuming and video production.
- Students will gain further understanding of dance cultures and different dance genres. This course enhances student's creativity and ability to develop management skills.

**Course Assessment**

12 Credits internally assessed

4 Credits externally moderated

**Entry Requirement**

Completion of Level 2 Dance Course

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91589	Choreograph a dance to develop and resolve ideas	INTERNAL	4
AS 91590	Perform a solo or duet dance	INTERNAL	4
AS 91591	Perform a group dance	INTERNAL	4
AS 91594	Analyse a dance performance	EXTERNAL	4 L1 Lit, W Lit

**Course Objectives**

The Level 3 course is University Entrance approved subjects fully endorsable. Students who complete this course will be able to apply their knowledge and skills in all areas of further study. Students can follow pathways in Digital Information, Digital Media, Humanities, Business Studies, Science, Technology, Engineering and Mathematics. There are many career opportunities in the DGT sector.

The revised curriculum covers a range of aspects, including:

**Databases and Digital Information:** Design and implementation of a complex database solution to a given problem including data analysis, advanced forms and queries and customised reports. There is extensive use of MS Access throughout this strand.

**Programming:** Design and implementation of a coding solution to a given problem using an object orientated environment. Covers more advanced techniques in Visual Basic, data structures, the graphical user interface, testing and debugging. Runs alongside AS91907 which requires the effective use of project management and Agile system development.

**Computer Science:** Examines a range of computer science concepts and students then select one to analyse in detail.

**Course Assessment**

16 Credits internally assessed

Up to 6 Credits externally moderated

**Entry Requirement**

Students must have successfully completed Level 2 Technologies (DGT). Other students will be considered from their Level 2 NCEA results. A high level of literacy is required for this subject

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91906	Use complex programming techniques to develop a computer program	INTERNAL	6
AS 91907	Use complex processes to develop a digital outcome	INTERNAL	6
AS 91902	Use complex techniques to develop a database	INTERNAL	4
AS 91908	Analyse an area of computer science	EXTERNAL	3 Lit
AS 91909	Present a reflective analysis of developing a digital outcome	EXTERNAL	3 Lit

**Individual students will be offered assessments that reflect their individual interests and strengths as appropriate**

**Course Objectives**

Level 3 Product and Spatial Design is a standards-based course that is both internally and externally assessed. The course builds upon principles and skills learned at Level 2 and earlier. Study involves developing and presenting solutions to architectural, engineering and product design problems through the use of a range of design, drawing and presentation techniques

**Course Assessment**

12 Credits internally assessed

4 Credits externally assessed

As an approved subject on the NZQA Framework, DVC provides qualifications and experience suitable for University Entrance, particularly for courses in industrial design, engineering, architecture, product and spatial design. DVC is a useful subject for many apprenticeships and industrial training opportunities, as well as Polytechnic courses.

**Entry Requirement**

Satisfactory completion of Year 12 Product and Spatial Design, or after consultation with the Leader of Teaching and Learning (LOTL)

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91627	Initiate design ideas through exploration	EXTERNAL	4
AS 91629	Resolve a spatial design through graphics practice	INTERNAL	6
OR			
AS 91630	Resolve a product design through graphics practice	INTERNAL	6
AS 91628	Develop a visual presentation that exhibits a design outcome to an audience	INTERNAL	6

**Course Objectives**

The course is a combination of Health and Food Technology. This course covers two areas to establish the needs of the students and give direction for a design-based career or a career in health and nutrition.

The Food Technology component is a student-centred course dealing with real problem solving in a practical environment. The students establish the needs of a sports person. They use technological practice to produce a practical solution. The student will break the client's problem down into key factors, then research possible solutions and apply that research to the final practical solution. It focuses on researching, analysing and decision making. This is all Internally assessed.

The Health component looks at basic nutritional knowledge required for commercial catering needs.

**Course Assessment**

20 Credits internally assessed

**Entry Requirement**

Students must have achieved at Level 2 in this subject.

**Students may be required to supply extra ingredients**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 168	<b><u>Food Safety</u></b> Demonstrate knowledge of food contamination hazards and control methods used in a food business.	INTERNAL	4
AS 91608	<b><u>Food Technology:</u></b> Undertake brief development to address an issue within a determined context.	INTERNAL	4 L1 Lit
AS 91610	Develop a conceptual design considering fitness for purpose in the broadest sense.	INTERNAL	6 L1 Lit
AS 91612	<b><u>Food Technology</u></b> Develop a prototype considering fitness for purpose in the broadest sense.	INTERNAL	6 L1 Lit, W Lt



**Course Objectives**

This is the top tier course of a Secondary based Hospitality program. Students who opt into this course have proven themselves with a range of knowledge across contexts, have a keen understanding of Food Safety and possess excellent time management skills during cookery. Students are expected to demonstrate a high level of autonomy at this level and have a thorough understanding of commercial cooking requirements.

This course is Industry based and is run via our provider, Service IQ. Students will be required to complete all requirements of both theory and practical components of each Unit Standard and will be awarded credits through competency-based assessment. This is done via observational judgements, completion of written work and assessment papers. Students who opt into this course understand the commercial requirements in terms of cooking under commercial realism whereby time is a factor and food prepared has an end user.

Students who complete this course have a fantastic skill set they will be able to take with them into cheffing apprenticeships at Polytechnics into restaurant kitchens or into training for other careers within the Hospitality and Tourism industry.

**Course Assessment**

18 Credits internally assessed

**Entry Requirement**

Proven performance in Year 12 or at the HOD's discretion.

**Students may be required to supply extra ingredients**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 13282 v6	Prepare and present complex sandwiches	INTERNAL	2
US 13314 v7	Prepare and cook egg dishes in a commercial kitchen	INTERNAL	4
US 13322 v6	Prepare and cook basic pastry dishes in a commercial kitchen	INTERNAL	4
US 13325 v6	Prepare and bake basic cakes, sponges and scones in a commercial kitchen	INTERNAL	4
US 168 v7	Demonstrate knowledge of food contamination hazards and control methods used in a food establishment service sector	INTERNAL	4

**The Units of work listed may be subject to change, depending on what John Paul College gains accreditation for to be able to teach and assess in 2023.**

### Course Objectives

Material Technology is a metal-based workshop course with a strong emphasis on Engineering design. This programme has been 'tailored' for students to gain the necessary qualifications, knowledge and skills in engineering design, materials, tools and equipment for university entrance to a range of engineering courses. It also provides an 'in-depth' pathway for polytechnic courses and trade apprenticeships in the various engineering disciplines when they leave school.

This is a multi-level course that begins at Level 1 but has the flexibility to cater for student abilities at various levels. Students use the knowledge and experience gained as the year progresses to inform decision-making in the design and manufacture of an 'own-choice' project.

The Level 3 programme is a design orientated practical courses that requires students to use a design process to develop a product of their choice, from a concept into a functioning prototype. These programmes progressively extend and further develop the student's skill knowledge and understanding from the Level 1 programme.

To be successful students are expected to demonstrate confidence, initiative and competency in all theory, design and practical work. It is essential that prototype research, analysis and design development work is undertaken as both class and homework.

The Achievement Standards selected for the programme will develop student understanding of the materials they are working with and enhance their design skills. These standards will be an asset for entry to the various engineering courses offered in the two dominant Engineering Universities in our region.

### Course Assessment

Material Technology offers both internally and externally assessed standards providing students with the opportunity to gain an endorsement in the subject. The actual number of credits a student has the opportunity to earn is variable, depending on year-level, and the standards selected, but would normally range between 14 to 22 credits

### Entry Requirement

Level 3 candidates **MUST** have successfully completed Level 2 Material Technology in order to be considered or after consultation with the Leader of Teaching and Learning (LOTL)

### Course Costs

**13MET incurs a take home material contribution of \$70.** Some negotiated projects may incur additional costs.

This contribution will be loaded onto the student's school financial account. This contribution should not restrict any student from taking 13MET. If this contribution would be a financial barrier, it will be waived on request by the JPC Senior Management Team.

The above information is a guide only; classroom dynamics, student abilities, motivation and circumstances will dictate the final programme structure. The Technology Faculty reserves the right to make the final decision on which Standards will be offered.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91608 (3.1)	Undertake brief development to address an issue within a determined context	INTERNAL	4
AS 91610 (3.3)	Develop a conceptual design considering fitness for purpose in the broadest sense.	INTERNAL	6
AS 91611 (3.4)	Develop a prototype considering fitness for purpose in the broadest sense.	INTERNAL	6
AS 91617 (3.10)	Undertake a critique of a technological outcome's design	EXTERNAL	4
AS 91620 (3.20)	Implement complex procedures to integrate parts using resistant materials to make a specified product	INTERNAL	3

**Course Objectives**

This is a multi-level course that begins at Level 1 but has the flexibility to cater for student abilities at various levels. It is a metal-based, practical workshop course, assessed through a combination of NCEA Achievement Standards and CompeteNZ (ITO) Unit Standards. These standards provide students with opportunities to develop skills and knowledge identified as useful and desirable in a variety of trades. They are the first steps to further education at Polytechnics, apprenticeships and training for careers in the metalworking and engineering industries. This course covers a range of engineering skills and related theory: e.g. safety, hand tools and processes, safe use of power tools, fabrication, welding, machining and is intended for students with an interest in engineering and perhaps wishing to pursue a career in the Mechanical Engineering and Automotive industries as well as forestry or farming. Further credits in Year 13 are only available at Level 2 in this course

This course can also be tailored to work around students who are doing out of school programmes such as work experience or gateway courses by reducing the number of credits attempted while keeping the practical component of the course.

**Course Assessment**

Mechanical Engineering is internally assessed and externally moderated by the industry training organization

**Entry Requirement**

Satisfactory completion of Year 12 Mechanical Engineering or after consultation with the Leader of Teaching and Learning (LOTL)

**Course Costs**

**13MEN incurs a take home material contribution of \$70.** Some negotiated projects may incur additional costs.

This contribution will be loaded onto the student's school financial account. This contribution should not restrict any student from taking 13MEN. If this contribution would be a financial barrier, it will be waived on request by the JPC Senior Management Team.

**NOTE:** The above information is a guide only; classroom dynamics, student abilities and circumstances will dictate the final programme structure. The Technology Faculty reserves the right to make the final decision on which Standards will be offered.

**The programs will be structured around a selection from the following list of Standards, although others may be added as the programme for next year is developed.**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91620	Implement complex procedures to integrate parts using resistant materials to make a specified product	INTERNAL	6

The Year 13 programme is a continuation of the two-year Level 2 programme which is considered to be a pre-apprenticeship course.

Level 3 will be supplemented with Level 2 ITO Standards. A personalised course will be negotiated with students.

**Course Objectives**

This course is oriented towards the practical skills of woodworking and is structured to suit students who enjoy working with tools, machines and equipment. However, after consultation with the teacher, the opportunity of a more 'in-depth' programme for students hoping to achieve Level 3 course endorsement or credits towards university entrance is available. The Technology Faculty reserves the right to be the final judge on the course structure offered to students.

Level 3 Practical Woodworking is specifically aimed at students who enjoy the practical side of woodwork. It has a high practical component with students being involved with project work for most of the year. Students will gain knowledge and skills in the safe use of a variety of hand tools, portable power tools and machines. Students interested in becoming electricians, builders, cabinet makers, construction workers, or involved in the agricultural sector would find this course very useful.

Students who join the course will be encouraged, when appropriate, to seek opportunities and involvement with the 'Gateway' and other career programmes organised by the school through external providers. These programmes would be linked to their woodworking course.

**Course Assessment**

Unless an alternative programme has been discussed with the teacher, the course will be assessed against Industrial Training Organisation (ITO) Unit Standards from the building and furniture making industries, Ministry of Education Achievement Standards and other Unit Standards offered by external providers. All credits gained from these assessments will count towards NCEA.

**Entry Requirement**

Satisfactory completion of Level 2 Wood Technology or after consultation with the teacher, Mr Isaacs, or the Leader of Teaching and Learning (LOTL), Mr Jones

**Course Costs**

**13WDT incurs a take home material contribution of \$70.** Some negotiated projects may incur additional costs. This contribution will be loaded onto the student's school financial account. This contribution should not restrict any student from taking 13WDT. If this contribution would be a financial barrier, it will be waived on request by the JPC Senior Management Team.

**The program will be structured around a selection of Standards from the following list of Standards:**  
**NOT ALL OF THESE STANDARDS WILL BE USED**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 25559	Assemble solid wood show wood shelving units	INTERNAL	4
US 25572	Demonstrate Knowledge of Hardware used in Furniture Making and its Application	INTERNAL	6
US 25557	Assemble and Fit Traditional Drawers to a Cabinet Using Wooden Runners	INTERNAL	4
US 28734	Set and operate a portable router to produce furniture components	INTERNAL	6
US 25562	Fit doors to a cabinet using adjustable hinges	INTERNAL	3
US 25536	Set a bandsaw to cut furniture components	INTERNAL	4
AS 91620	Implement complex procedures to integrate parts using resistant materials to make a specified product	INTERNAL	6

**There will be additional industry-based Level 3 Standards offered in conjunction with the Careers Department and outside providers**

**Course Objectives**

Economics focuses on how resources are allocated in the economy via both the market system and government. Students will research economic issues within New Zealand and the policies available to government as remedies. Students will gain an understanding of economics that will enable them to make sense of what is happening in the New Zealand economy.

In Accounting, students will be learning about the processing and preparation of financial statements for companies. The Management Accounting unit includes the use of costing, budgeting, including CVP analysis and use of the decision-making model. The Accounting internal involves the preparation and communication of a professional report to a potential investor in terms of whether they should buy shares in a reporting entity.

It is strongly recommended that students wishing to study commerce, management or business degrees take this course in Year 13.

**Course Assessment**

15 Credits internally assessed

17 Credits externally moderated

**Entry Requirement**

Open

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91399 (3.1)	Demonstrate understanding of the efficiency of market equilibrium	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91400 (3.2)	Demonstrate understanding of efficiency of different market structures using marginal analysis	EXTERNAL	4
AS 91401 (3.3)	Demonstrate understanding of micro-economic concepts	INTERNAL	5 L1 Lit, (UE) R Lit
AS 91402 (3.4)	Demonstrate understanding of government interventions to correct market failures	INTERNAL	5 L1 Lit, (UE) R Lit
AS 91406 (3.3)	ACCOUNTING: Demonstrate understanding of company financial statement preparation	EXTERNAL	5
AS 91407 (3.4)	ACCOUNTING: Prepare a report for an external user that interests the annual report of a New Zealand reporting entity	INTERNAL	5
AS 91408 (3.5)	ACCOUNTING: Demonstrate understanding of management accounting to inform decision-making	EXTERNAL	4

**Course Objectives**

This course focuses on analysing how and why New Zealand businesses operating in global markets make operational and strategic decisions in response to interacting internal and external factors.

**Course Assessment**

17 Credits internally assessed

8 Credits externally moderated

**Entry Requirement**

Open

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91379 (3.1)	Demonstrate understanding of how internal factors interact within a business that operates in a global context	EXTERNAL	4
AS 91381 (3.3)	Apply business knowledge to address a complex problem (s) in a given global business context	EXTERNAL	4
AS 91382 (3.4)	Develop a marketing plan for a new or existing product	INTERNAL	6 L1 Lit, (UE) R Lit
AS 91383 (3.5)	Analyse a human resource issue affecting businesses	INTERNAL	3 L1 Lit, (UE) R Lit
AS 91869 (3.8)	Analyse future proofing strategies to ensure long term viability of a business	INTERNAL	4
AS 91870 (3.9)	Analyse the effect of financing options of a strategic capital expenditure decision on a business	INTERNAL	4

**Course Objectives**

This course follows on from Year 12 Legal Studies by examining aspects of the New Zealand legal system in more depth. We evaluate concepts such as how our laws are made, the sentencing of criminals, and challenging the power of the state by looking at specific examples.

There are no pre-requisites and students may begin their programme of study at this level. Legal Studies is not a university approved subject but Achieved, Merit and Excellence grades are available and count towards Level 3 endorsement.

**Course Assessment**

20 Credits internally assessed

**Entry Requirement**

Open however NCEA Level 1 literacy requirements must be met prior to undertaking this course

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 27840	Evaluate a concept of justice in relation to a specific situation.	INTERNAL	4
US 27846	Evaluate litigation and dispute resolution processes in relation to challenging state power.	INTERNAL	4
US 27843	Evaluate a concept of law in relation to a specific situation.	INTERNAL	4
US 27849	Evaluate a law-making process in relation to a significant legal issue	INTERNAL	4
US 27837	Evaluate a concept of democracy and government in relation to restraint on state power	INTERNAL	4

**There are other options available and depending upon students interests other units could be studied.**

**Course Objectives**

This course develops the understanding of the environment and challenges facing people worldwide. Concepts taught are reinforced by case study and possible fieldwork. The main topics studied are: Natural Processes in a coastal setting. Case study Muriwai Beach -possibility of a three-day fieldwork opportunity.

Global issues such as human trafficking and blood diamond mining. Research based on coastal processes. All topics are linked to one or more of the Important Geographic Concepts of sustainability, environment, location, interaction and perception. Geography is useful for Engineering careers, town planning, management of Resources and any career that involves people interacting with the environment. It is accepted as a support subject in the Science, Social Science and Arts faculties at University so gives flexibility in planning your degree subjects.

The Achievement Standards taught will reflect the needs of the students and the resources available.

**Course Assessment**

9-11 Credits internally assessed (three internal assessments from the possible four below).

8 Credits externally moderated.

**Entry Requirement**

Experience with Level One or Two Geography is essential.

**Course Cost**

There is a possibility of an extended field trip to the Muriwai Coastal area with a cost of approximately \$200

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91426 (3.1)	Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment.	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91428 (3.3)	Analyse a significant contemporary event from a geographic perspective	INTERNAL	3 L2 Lit
AS 91429 (3.4)	Demonstrate understanding of a given environment(s) through the selection and application of geographic concepts and skills.	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91430 (3.5)	Conduct geographic research with consultation	INTERNAL	5 L1 Lit, Num
AS 91431 (3.6)	Analyse aspects of a contemporary geographic issue	INTERNAL	3 L1 Lit, (UE) R Lit
AS 91432 (3.7)	Analyse aspects of a geographic topic at a global scale	INTERNAL	3 L1 Lit



**Course Objectives**

A study of:

- \* Event: The period 1975-1993 in Aotearoa politics: either Muldoon or Neoliberalism
- \* Trend: The emergence of Youth Culture in Aotearoa NZ in the 1950's and it's connection with conceptions of juvenile delinquency.

**Course Assessment**

15 Credits internally assessed

16 Credits externally moderated

**Entry Requirement**

Open entry

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91434 (3.1)	Research an historical event or place of significance to New Zealanders, using primary and secondary sources	INTERNAL	5 L1 Lit, (UE) R Lit
AS 91435 (3.2)	Analyse an historical event, or place, of significance to New Zealanders	INTERNAL	5 L1 Lit, (UE) R Lit
AS 91436 (3.3)	Analyse evidence relating to an historical event of significance to New Zealanders	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91437 (3.4)	Analyse different perspectives of a contested event of significance to New Zealanders	INTERNAL	5 L1 Lit, (UE) R Lit
AS 91438 (3.5)	Analyse the causes and consequences of a significant historical event	EXTERNAL	6 L1 Lit, (UE) W/R Lit
AS 91439 (3.6)	Analyse a significant historical trend and the force(s) that influenced it	EXTERNAL	6 L1 Lit, (UE) W/R Lit

**Course Objectives**

A study of three topics covering history, literature and art in the Classical world:

- \* Alexander the Great
- \* Comedies of Aristophanes
- \* Art and Architecture of the Roman Empire

**Course Assessment**

12 Credits internally assessed

14 Credits externally moderated

**Entry Requirement**

Open entry

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91394 (3.1)	Analyse ideas and values of the classical world	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91395 (3.2)	Analyse the significance of a work(s) of art in the classical world	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91396 (3.3)	Analyse the impact of a significant historical figure on the classical world	EXTERNAL	6 L1 Lit, (UE) W/R Lit
AS 91397 (3.4)	Demonstrate understanding of significant ideology(ies) in the classical world	INTERNAL	6 L1 Lit, (UE) R Lit
AS 91398 (3.5)	Demonstrate understanding of the lasting influences of the classical world on other cultures across time	INTERNAL	6 L1 Lit, (UE) R Lit

Social Studies is the systematic study of an integrated body of content drawn from the social sciences and the humanities.

It enables students to develop their knowledge and understandings of the diverse and dynamic nature of society and of how interactions occur among cultures, societies and environments.

Students develop and apply skills as they investigate society, explore issues, make decisions, and work cooperatively with others.

The understandings and skills they developed, enable them to participate in society as informed, confident and responsible citizens.

It is a subject for students who are interested in people: how and why they behave as they do.

**Course Objectives**

Content for 2024 is to be confirmed

Topics taught in 2023 were

- The future of medicine
- Freedom of Speech

**Course Assessment**

16 Credits internally assessed

8 Credits externally moderated

**Entry Requirement**

Open entry

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91596 (3.1)	Demonstrate understanding of ideological responses to an issue	EXTERNAL	4 L1 Lit, (UE) R/W Lit
AS 91597 (3.2)	Conduct a critical social inquiry	INTERNAL	6 L1 Lit, (UE) R Lit
AS 91598 (3.3)	Demonstrate understanding of how ideologies shape society	EXTERNAL	4 L1 Lit, (UE) W/R Lit
AS 91599 (3.4)	Examine personal involvement in a social action(s) that aims to influence policy change(s)	INTERNAL	6 L1 Lit
AS 91600 (3.5)	Examine a campaign of social action(s) that aims to influence policy change(s)	INTERNAL	4 L1 Lit

**Course Objectives**

Content for 2024 is to be confirmed

**Course Assessment**

19 Credits internally assessed

3 Credits externally assessed

**Entry Requirement**

Open entry

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91872 (3.1)	Analyse the interaction between psychological approaches	INTERNAL	6 L1 Lit, (UE) R Lit
AS 91873 (3.2)	Analyse the significance of a key piece of research and its impact on society	INTERNAL	3 L1 Lit, (UE) R Lit
AS 91874 (3.3)	Conduct independent psychological research with consultation	INTERNAL	6 L1 Lit, (UE) W/R Lit
AS 91875 (3.4)	Analyse how theories are applied within a field of psychological practice	INTERNAL	4 L1 Lit, (UE) R Lit
AS 91876 (3.5)	Analyse a significant issue in psychological practice	EXTERNAL	3 L1 Lit, (UE) W/R Lit

There is a need to provide courses for non-academic students who wish to prepare themselves for the practical world of the workplace.

One of the main aims of this course is to send students into employment ready to work. All activity in the classroom is geared to this goal. This course is industry focused rather than an academic approach.

Throughout the year other Industry-Based courses will be offered through outside provider other providers. Mrs Hewitson co-ordinates these courses. Students are able to achieve credits for these courses.

**Course Objectives**

This course is designed for students who would like to gain valuable employment skills.

A wide range of outside courses will be offered especially in Health & Safety

**Course Assessment**

14 Level 3 Credits internally assessed

2 Level 2 Credits internally assessed (First Aid)

**Entry Requirement**

Course numbers are limited

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 6400	Manage first aid in emergency situations	INTERNAL	2
US 6401	Provide first aid	INTERNAL	1 Level 2
US 6402	Provide resuscitation Level 2	INTERNAL	1 Level 2
US 6400, 6401 and 6402 will complete a First Aid Certificate			
US 4251	Manage own career development.	INTERNAL	2
US 7127	Exercise informed choice in deciding on a major goods or service purchase	INTERNAL	2
US 28098	Evaluate options to increase personal income	INTERNAL	3
US 12356	Demonstrate knowledge of consumer problems and ways to resolve them	INTERNAL	3
US 26971	Describe factors that contribute to mental health well-being	INTERNAL	3

**Course Objectives**

This course introduces you to the tourism, travel and hospitality industries. Topics covered include:

- Destinal tourism
- General knowledge of New Zealand and other countries
- Rotorua tourism
- Communication, calculations and computing applications relevant to tourism and travel

**Course Assessment**

21 Credits internally assessed

**Entry Requirement**

Course numbers are limited

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 18211	Demonstrate knowledge of Australia as a tourist destination	INTERNAL	5
US 18212	Demonstrate knowledge of NZ as a tourist destination	INTERNAL	8
US 31070	Explore the importance of Maori place names and use reo Maori greetings and farewells in tourism	INTERNAL	4
US 31071	Identify and explain the cultural significance of natural and man-made attractions in tourism Maori	INTERNAL	4

**FUTURES ACADEMY****Level 3****HOD: Mrs S Hewitson****E: [sheryl.hewitson@jpc.school.nz](mailto:sheryl.hewitson@jpc.school.nz)**

The Futures Academy focuses on delivering Trades and Technology Programmes to Secondary Students based on partnerships between Schools, Tertiary Institutions, and Industry Training Organisations. Students in Years 11 to 13, who are interested in a career in Trades or Technology are able to combine study at a Futures Academy, with studies towards their National Certificate of Educational Achievement (NCEA), and a nationally transferable tertiary qualification Level 1, 2 or 3.

The purpose of the Futures Academy is to:

- motivate students to stay engaged in learning and training, by providing them with a greater number of options for study
- provide Students with clear pathways post-school by giving them a head start on training for vocational qualifications, and smooth access to employment
- improve the responsiveness of Schools to businesses and economic needs

John Paul College in conjunction with the Futures Academy offers courses in:

- Construction & Infrastructure
- Manufacturing & Technology
- Creative Industries
- Service Industries
- Primary Industries

Courses are delivered in a range of settings including Toi Ohomai, Yoobee College, Te Wananga o Aotearoa and Employ NZ. All courses have NCEA credits attached. Students enrolled in Trades Academy will attend one day a week at Level 1 and Level 2, or up to two days a week at Level 3.

Please see Mrs Jan Thompson **Careers Assistant/Futures Academy** for further details: [jan.thompson@jpc.school.nz](mailto:jan.thompson@jpc.school.nz)

**GATEWAY****Level 3****Coordinator: Mrs R Hindrup****E: [rachael.hindrup@jpc.school.nz](mailto:rachael.hindrup@jpc.school.nz)**

The Gateway Programme gets students work-ready and gives senior students the opportunity to explore an occupation of interest to them. Students gain work experience, and industry related NCEA credits through the Gateway programme, and strengthen pathways to further education, training or employment.

Gateway students are required to gain (on average) a minimum of 20 credits throughout their placement. Whenever possible unit standards will be designed around each individual student and their specific place of work and will also contribute towards their achievement in NCEA. They will also be required to achieve NCEA requirements within the school curriculum. If students are to move into tertiary studies, whether an apprenticeship, or at a tertiary education organisation, NCEA academic requirements need to be kept up to date.

**Course Objectives**

This course is designed for students who have an interest in Physical Education, Sport and Recreation. The programme includes both practical and theory-related aspects of physical activity. Its focus is on the applying of knowledge and the review and evaluation of that knowledge. This course may be started at Level 3 without having done the Level 2 course with evidence of sporting ability and academic achievement

**Course Assessment**

19 Credits internally assessed

**Entry Requirement**

A Merit pass in Physical Education AS 91328 (2.2B) "*Move to Improve*" **AND** AS 91329 (2.3B) "*Improve Well-being, Improving Performance*"

- Physical Education Year 12 NCEA Level 2 teacher and the Leader of Teaching and Learning (LOTL) discretion
- Average to above average fitness and skill levels
- **Must be involved in a sports activity within JPC**

**NB: Sports Science and Adventure Based Learning (ABL) cannot be timetabled together**

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
AS 91447 (3.1)	Evaluate physical activity experiences to devise strategies for lifelong well-being	INTERNAL	4 L1 Lit, Num
AS 91499 (3.2)	Analyse a physical skill performed by self or others	INTERNAL	3 L1 Lit
AS 91500 (3.3)	Evaluate effectiveness of a performance improvement programme	INTERNAL	4 L1 Lit, Num
AS 91501 (3.4)	Demonstrate quality performance of a physical activity in an applied setting	INTERNAL	4 Num
AS 91502 (3.5)	Examine a current physical activity, event, trend or issue impacting on NZ society.	INTERNAL	4



**Course Objectives**

This course offers students the opportunities to experience activity-based learning skills in a variety of outdoor related activities such as rock climbing, tramping, and mountain biking

Students will be able to develop personal, interpersonal skills and confidence as well as working towards industry-based unit standards.

**Course Assessment**

29 Credits internally assessed.

**Entry Requirement**

Students need to be aware there is an element of risk involved with outdoor recreation. There are activities that involve out of school hours, including an overnight and weekend camps

**NB: Activity Based Learning (ABL) and Sports Science cannot be timetabled together**

**Course cost**

There will be an additional fee over and above the contribution fee.

ACHIEVEMENT STANDARD		ASSESSMENT	CREDITS
US 427	Cross rivers	INTERNAL	2
US 428	Demonstrate on – track tramping skills for multi-night tramping	INTERNAL	15
US 20817	Plan for, participate in and evaluate mountain bike rides on intermediate to expert terrain	INTERNAL	3
US 26246	Demonstrate mountain biking knowledge and skills	INTERNAL	5
US 91501	Demonstrate quality performance of a physical activity in an applied setting – indoor rockclimbing	INTERNAL	4

# **APPENDIX**

## **VISUAL ARTS – FINE ART (PAINTING AND PRINTMAKING), PHOTOGRAPHY AND DESIGN – UNIVERSITY COURSES**

Fine Art (Painting and Printmaking), Photography and Design are University Approved subjects.  
The following table illustrates some of the tertiary organisations that provide courses in Visual Art.

<b>UNIVERSITY/ POLYTECHNIC</b>	<b>DEGREE</b>	<b>CAREER OPPORTUNITIES</b>	<b>CONTACT DETAILS</b>
Massey University College of Creative Arts	Bachelor of Design	Graduates will have the ability to incorporate and examine discipline-specific knowledge alongside multidisciplinary practices, and the application of research to the production of contemporary art and photographic design.	Massey University PO Box 756, Wellington 6140, T +64 4 801 5799 F +64 4801 2799 <a href="http://creative.massey.ac.nz">http://creative.massey.ac.nz</a> <a href="mailto:creative@massey.ac.nz">creative@massey.ac.nz</a>
University of Waikato Te Whare Wānanga o Waikato	<i>Bachelor of Computer Graphic Design (BCGD)</i>	3D Modeller, Web Designer, Advertising Designer Visual Effects Artist, TV Graphics Designer Motion Graphics Designer, Animator Interactive Designer, Computer Games Designer, Computer Illustrator	Phone: +64 7 856 2889 Automated: +64 7 838 4466 Course enquiries: 0800 WAIKATO  <a href="mailto:info@waikato.ac.nz">info@waikato.ac.nz</a>
University of Canterbury	Bachelor of Fine Arts <i>BFA</i>	Artist Art gallery manager, Curator, Conservation assistant, Graphic designer, Film director, Illustrator, Secondary school teacher, Arts administrator, Photographer	University of Canterbury Private Bag 4800 Christchurch 8140: (03) 366 7001 <a href="mailto:jan.saville@canterbury.ac.nz">jan.saville@canterbury.ac.nz</a> <a href="mailto:info@canterbury.ac.nz">info@canterbury.ac.nz</a>
Wintec Waikato institute of technology	Bachelor of Media Arts (Visual Arts)	Employment as an Art Director, Art Educator, Cinematographer, Designer, Editorial Photographer, Environmental Designer, Exhibition Designer, Film Producer, Filmmaker, Freelance Photographer, Graphic Designer, Illustrator, Photojournalist, Presenter (radio and television), Public Artist, Studio Artist or Web Designer	Wintec 800 2 Wintec 0800 294 6832 City Campus, A Block, Gate 3 Tristram Street, Hamilton <a href="mailto:graeme.thomas@wintec.ac.nz">graeme.thomas@wintec.ac.nz</a> <a href="http://www.wintec.ac.nz">http://www.wintec.ac.nz</a>
Whitecliffe College of Arts and Design	Bachelor of Fine Arts	The programme's philosophy is to combine creative research skills with solid awareness of the public and professional requirements of visual arts professions.	Whitecliffe College of Arts & Design PO Box 8192 Symonds Street Auckland, New Zealand +64 9 309 5970
The University of Auckland	Bachelor of Fine Arts (BFA)	With a BFA or BFA(Hons) from Elam you could become an artist, art educator, creative director in an agency, film director, arts writer, art critic, animator, exhibition designer, art curator, art gallery director or set designer. <b>Elam School of Fine Arts</b>	<b>University of Auckland</b> Level 2, Building 421 26 Symonds St Auckland 0800 61 62 63 Main Fine Arts Building 431 Level 4, 20 Whitaker Place, Auckland Phone: +64 9 373 7599, ext. 88000

**VISUAL ARTS – FINE ART (PAINTING AND PRINTMAKING), PHOTOGRAPHY AND DESIGN  
– UNIVERSITY COURSES (CONTINUED)**

UNIVERSITY/ POLYTECHNIC	COURSES	CAREER OPPORTUNITIES	CONTACT DETAILS
Animation College	Diploma of Applied Animation	Animation, storyboard artist, illustrator, film maker, game artist or app developer	<a href="http://www.animationcollege.co.nz">www.animationcollege.co.nz</a>
ACG YOOBEE	Degree Pathways	Graphic Design and Animation	<a href="mailto:auckland@yoobee.ac.nz">auckland@yoobee.ac.nz</a>
AUT University	Digital Design  Fashion and Textiles  Graphic Design  Degree: Bachelor of Visual Arts	Animation, moving image, gaming, web, postproduction, film Knit, print, textile, fashion and costume design, film industry Typography, illustration, animation, short film, photography and graphic novels Contemporary artist	<a href="http://www.aut.ac.nz">www.aut.ac.nz</a>
D&A Design and Arts College of New Zealand	Bachelor of Fine Arts	Exhibiting artist, art critic, textile artist, exhibition technician, art educator, set or costume designer for film and television	<a href="http://www.dac.ac.nz">www.dac.ac.nz</a>
Massey University- College of Creative Arts		International study tours,	<a href="http://www.creative.massey.ac.nz">www.creative.massey.ac.nz</a>
South seas Film, Television and Animation School	Diploma in Animation	Character animators, Artists for films, gaming	<a href="http://www.southseas.co.nz">www.southseas.co.nz</a>
University of Canterbury	Bachelor of Fine Arts	Artist, Art gallery manager, Curator, Conservation assistant, Graphic designer, Film director, Illustrator, Secondary school Art and Design teacher, Arts administrator, Photographer	<a href="http://www.canterbury.ac.nz">www.canterbury.ac.nz</a>
Wintec: Waikato Institute of Technology	<u>Certificate in Media Arts</u>	Media arts, Journalism, Art, Drawing, Design, Graphic design, Public relations, Advertising, Moving image, Video, Film, Fashion design, Digital design, Web design, Visual arts, Animation, Television	<a href="http://www.wintec.ac.nz">www.wintec.ac.nz</a>
Whitecliffe College of Arts and Design	Bachelor of Fine Arts	The four majors offered are Fine Arts, Fashion Design, Graphic Design, and Photo Media	<a href="http://www.whitecliffe.ac.nz">www.whitecliffe.ac.nz</a>

## DRAMA - UNIVERSITY COURSES

### Contact Details

University/Polytechnic	Degree/Qualification	Telephone	Email
Toi Whakaari	Bachelor of Performing Arts	04 3819251	<a href="mailto:drama@toiwhakaari.ac.nz">drama@toiwhakaari.ac.nz</a>
Whitireia	Performing Arts Diploma/Degree		<a href="mailto:informatmion@wandw.ac.nz">informatmion@wandw.ac.nz</a>
The National Academy of Singing & Dramatic Arts (NASDA)	Bachelor of Performing Arts	03 9408695 0800 24 24 76	<a href="mailto:info@nasda.co.nz">info@nasda.co.nz</a>
New Zealand Broadcasting School	<ul style="list-style-type: none"> <li>• Radio Broadcasting</li> <li>• Broadcast Journalism</li> <li>• Film &amp; Television Production</li> <li>• Postproduction</li> </ul>	0800 24 24 76	<a href="mailto:info@cpit.zc.nz">info@cpit.zc.nz</a>
Unitec Performing Arts	Bachelor of Performing Arts	0800 10 95 10	<a href="mailto:study@unitec.zc.nz">study@unitec.zc.nz</a>
University of Canterbury	Bachelor of Arts	03 3642184	<a href="mailto:artsdegreeadvice@canterbury.ac.nz">artsdegreeadvice@canterbury.ac.nz</a>
University of Auckland	Bachelor of Arts	0800 61 62 63	<a href="mailto:asc@auckland.ac.nz">asc@auckland.ac.nz</a>
University of Waikato	Bachelor of Arts	07 8384380	<a href="mailto:wfass@waikato.ac.nz">wfass@waikato.ac.nz</a>
University of Wellington	Bachelor of Arts	04 463574	<a href="mailto:fhss-enquiries@vuw.ac.nz">fhss-enquiries@vuw.ac.nz</a>

A tertiary qualification in Drama can lead to many exciting careers, some of which are listed below:

Local councils	Event Management	Professional Theatre Companies
Journalism	Communications/Marketing	Professional writing
Education	Freelance entertainer	Portfolio careers
Radio/Television	Art Galleries	Drama Schools
Broadcasting Schools	Advertising	Universities
Ministry of Culture and Heritage	Creative New Zealand	Law

## MUSIC – UNIVERSITY COURSES

### Contact Details

University/Polytechnic	Degree/Qualification	Telephone	Email
Otago University	Bachelor of Music (BMus)	0800 80 80 98	<a href="mailto:university@otago.ac.nz">university@otago.ac.nz</a>
The University of Auckland	Bachelor of Arts (BA)	0800 61 62 63	<a href="mailto:asc@auckland.ac.nz">asc@auckland.ac.nz</a>
New Zealand School of Music	Bachelor of Music (BMus) in: <ul style="list-style-type: none"> <li>Classical performance</li> <li>Composition</li> <li>Jazz</li> <li>Music Studies</li> <li>Music Therapy</li> </ul>	04 463 5369	<a href="mailto:music@nzsm.ac.nz">music@nzsm.ac.nz</a>
University of Canterbury	Bachelor of Music (BMus) Bachelor of Arts (BA)	03 364 2183	<a href="mailto:hubert.klaassens@canterbury.ac.nz">hubert.klaassens@canterbury.ac.nz</a>
Victoria University	Bachelor of Arts (BA) <ul style="list-style-type: none"> <li>Classical performance</li> <li>Composition</li> <li>Jazz Performance</li> <li>Music Studies</li> </ul>	04 463 5745	<a href="mailto:fhss-enquiries@vuw.ac.nz">fhss-enquiries@vuw.ac.nz</a>
University of Waikato	Bachelor of Music (BMus) Bachelor of Arts (BA) in: <ul style="list-style-type: none"> <li>Performance</li> <li>Composition</li> <li>Western Music History</li> <li>Electroacoustic Music</li> <li>Maori Music</li> </ul>	07 838 4380	<a href="mailto:music@waikato.ac.nz">music@waikato.ac.nz</a>
Bay of Plenty Polytechnic	Diploma Music Production and Performance	07 571 0190	<a href="mailto:info@boppoly.ac.nz">info@boppoly.ac.nz</a>

**PLEASE NOTE:** Music is a university approved subject. Therefore, students can use 14 credits in this subject at Level 3 to gain access to courses at Universities that do not necessarily involve Music.

## DANCE – UNIVERSITY COURSES

### Contact Details

University/ Polytechnic	Degree	Telephone	Email
Auckland University of Technology	Bachelor of Dance	0800 288864	<a href="http://www.aut.ac.nz">www.aut.ac.nz</a>
New Zealand School of Dance	Dance Certificate in Dance Performance Dance Diploma in Dance Performance	04 381 9252	<a href="mailto:dance@nzschooldance.ac.nz">dance@nzschooldance.ac.nz</a>
University of Auckland	Bachelor of Dance Studies	0800 61 62 63	<a href="mailto:studentinfo@auckland.ac.nz">studentinfo@auckland.ac.nz</a>
Whitireia New Zealand Ltd	Diploma in Performing Arts	04 237 3100	<a href="mailto:Info@whitireia.ac.nz">Info@whitireia.ac.nz</a>
Unitec	Bachelor of Performing and Screen Arts (Contemporary Dance)	0800 10 95 10	<a href="mailto:study@unitec.ac.nz">study@unitec.ac.nz</a>
Waikato University	Bachelor of Sport and Leisure Studies Bachelor of Arts Minor in Dance	0800 924 528	<a href="mailto:info@waikato.ac.nz">info@waikato.ac.nz</a>
Otago University	Bachelor of Arts Majoring in Performing Arts Studies Bachelor of Arts Minor in Dance	03 4791100	<a href="mailto:University@otago.ac.nz">University@otago.ac.nz</a>
NASDA – National Academy of Singing and Dramatic Arts	Bachelor of Performing Arts	0800 24 24 76	<a href="mailto:info@nasda.co.nz">info@nasda.co.nz</a>

**PLEASE NOTE:** Dance is a university approved subject. Therefore, students can use 14 credits in this subject at Level 3 to gain access to courses at universities that do not necessarily involve Dance.

## CAREER COURSE CHOICE GUIDE

- \* University Entrance is required for degree-level courses.
- \* This guide details areas often enquired about.
- \* You are advised to see the Careers Advisor if you are not sure.
- \* Senior students should enquire about credits required for entry to specific courses, as these can vary from year to year.
- \* University of Auckland has rank score requirements for many courses.
- \* A useful website is [www.careers.govt.nz](http://www.careers.govt.nz).
- \* Please check the relevant tertiary providers for entry requirements.

CAREER AREA	COURSES – YEAR LEVEL		
	11	12	13
<b>APPRENTICESHIPS</b> Many including Electrical, Automotive, Construction and Plumbing	English Mathematics Science	Mathematics (recommended) Gateway / work experience and Trade Academy are advantageous	
<b>ARMED FORCES TRADES</b> Various	English Mathematics Science	Reasonable grades required, medically and physically fit. Refer to <a href="http://defencecareers.mil.nz">defencecareers.mil.nz</a>	
<b>ARCHITECTURE</b>	Mathematics Science Art and/or Graphics	Mathematics Physics DVC, Digital Technology, Mechanical Technology <u>University of Auckland</u> Must meet required rank score	<u>Victoria University</u> Selection from Intermediate year. Maths with Calculus, English and Physics are recommended.
		Portfolio of creative work is usually required for applications	
<b>COMMERCE / BUSINESS DEGREE</b> Business Studies and Economics provide a good preparation	Mathematics	Mathematics – Statistics highly recommended English-rich subjects are also useful	Mathematics Statistics (Maths with Calculus if majoring in Economics) English-rich subjects are also useful
<b>COMMERCE / BUSINESS CERTIFICATES &amp; DIPLOMAS</b>	Mathematics	Literacy and numeracy	
<b>COMPUTING / I.T DEGREE</b> Digital Technology is a good choice as a support subject option. Nearly all jobs and further study require digital skills and the use of, and reliance on, digital technologies is likely to increase in the future	Mathematics Science Digital Technologies	Mathematics Physics Digital Technologies	Maths with Calculus Physics ( <i>both recommended</i> ) Digital Technologies
<b>DESIGN</b>	Art Subjects in the creative area of art, design & graphics are desirable	Art Subjects in the creative area of art, design & graphics are desirable	Portfolio often required
<b>ENGINEERING</b> NZ Diploma in Engineering Technician's Training	Mathematics Science	Mathematics Physics	Maths with Calculus Maths with Statistics Modelling Physics

CAREER AREA	COURSES – YEAR LEVEL		
	11	12	13
<b>ENGINEERING DEGREE</b> <a href="#">University of Auckland</a>  <a href="#">University of Canterbury</a>	Mathematics Science	English Mathematics Physics  Mathematics Physics	Maths with Calculus Physics Must meet required rank score  Physics Maths with Calculus
<b>FINE ARTS</b> Elam (University of Auckland)  Ilam (Canterbury University)	Art  Art	Art  Art	Level 3 Practical Art subjects Portfolio required  Level 3 Practical Art subjects Portfolio required
<b>FOOD SCIENCE/ TECHNOLOGY</b>	English Mathematics Science	English Mathematics Biology Chemistry Physics	Maths with Statistics Biology Chemistry
<b>FORESTRY SCIENCE</b>	English Mathematics Science	No set requirements but English, Chemistry, Biology, Economics, Geography, Maths with Statistics are all recommended.	
<b>LAW</b>	Any	Any	Any. English-rich subjects are highly recommended.
<b>MEDICINE / DENTISTRY / PHARMACY</b> <a href="#">Auckland University</a>	Science subjects highly recommended, also an English-rich subject. Must meet required rank-score. Check the website for specific entry requirements.		
<b>MEDICINE / DENTISTRY/ PHARMACY</b> <a href="#">Otago University</a> Check the website for specific entry requirements.	Mathematics Science English	Biology Chemistry Mathematics Physics English	Biology Chemistry Maths with Calculus Physics English
<b>MEDICAL, LABORATORY SCIENCE</b> Check the website for specific entry requirements.	Mathematics Science	Biology Chemistry Mathematics Physics	Biology Chemistry Maths with Statistics/Calculus Physics English
<b>MEDICAL IMAGING</b> (Radiography) Check the website for specific entry requirements	Science, English & Mathematics	Physics Chemistry English Mathematics	Chemistry, Physics, English Maths with Calculus/Statistics
<b>NURSING</b>	Science English Mathematics	Biology or another Science, English & Mathematics	Science, English & Mathematics Recommended
<b>OCCUPATIONAL THERAPY</b>	Science Mathematics English	Mathematics Two of Biology, Chemistry, Physics	English, Mathematics plus two of Biology, Chemistry, Physics



CAREER AREA	COURSES – YEAR LEVEL		
	11	12	13
<b>OPTOMETRY</b> Check the website for specific entry requirements.	English Mathematics Science	Mathematics Chemistry Biology Physics English	Maths with Calculus Maths with Statistics Chemistry Biology Physics English
<b>PHYSIOTHERAPY</b> <u>AUT University &amp; Wintec</u>  <u>Otago</u>	Mathematics Science  Sciences, English and Mathematics recommended	Maths, English and Science highly advisable  Sciences, English and Mathematics recommended	UE required. Sciences, Maths and English recommended Chemistry, Physics, English and Maths with Calculus
<b>PILOT</b> <u>Bachelor of Aviation - Massey University</u>  <u>Private Training</u>	Mathematics Science  Any	Mathematics Physics or Chemistry (High level required)  Any	Maths with Calculus Physics English-rich subjects  Any
<b>POLICE</b>	Any	English, Level 2	Any
<b>SURVEYING</b>	Mathematics Science English	Mathematics Physics English Digital Technologies	Mathematics Physics Digital Technologies Geography English

Please check with the Careers Advisor, Mrs Hewitson, regarding your career choice.

As you will be aware from the media reports, entry to university is undergoing a number of changes.

Students will be kept fully informed. We highly recommend you look on the relevant websites.



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