

Level 2

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National Certificate in Educational Achievement (NCEA) Level 2 - Information 115

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Options Choices - Level 2

A full course at Year 12 (Level 2) is usually 6 subjects

Using the online facility students must choose one English option and then choose six more subjects in order of preference. The seventh option is a Spare Option in case of timetabling clashes.

A choice could include a Level 1 subject. Check the Options Book carefully to make sure all pre-requisite subjects are covered. The Versions of all Standards are assumed to be the latest available.

This is the second qualification that students will aspire to and it involves each person achieving 80 credits at Level 2 or 60 credits at Level 2 or higher plus 20 credits at Level 1 from the current or previous years. There is no Literacy or Numeracy requirement for this qualification. However an important focus at Level 2 is to achieve the minimum requirements for entry to Tertiary institutions from 2014

- 10 credits in Mathematics at Level 1 or higher
- 5 credits at Level 2 or above in Reading
- 5 credits at Level 2 or above in Writing

University Entrance includes a requirement of 5 reading and 5 writing credits. These can be gained from a range of subjects at both Level 2 and Level 3.

Credit coding	
L	Level 2 only
LW	Level 2 and UE Writing
LR	Level 2 and UE Reading
LRW	Level 2 and UE Reading and Writing
N	Numeracy
LN	Literacy and Numeracy

It is important that Options are not chosen just to attain NCEA level 2 because many of the Subjects in Level 3 require at least an Achieved in certain Standards at Level 2. An inappropriate choice might mean that there are fewer subjects available to a student at Level 3. **Read the subject descriptors carefully.**

NCEA Endorsements

Increasingly employers and tertiary study providers are looking for endorsements as an indicator that students have done very well with their academic study.

Recognising high achievement with 'endorsements'

When students perform consistently above the 'Achieved' level, their result(s) can be 'endorsed' to reflect that high achievement. This can occur at either the Certificate level or individual course/subject level.

Certificate endorsement

If a student gains 50 credits at Excellence, their NCEA Level Certificate will be endorsed with Excellence. Likewise, if a student gains 50 credits at Merit (or Merit and Excellence), their NCEA Level Certificate will be endorsed with Merit.

Credits earned can count towards an endorsement over more than one year and more than one level. However, they must be gained at the level of the certificate or above. For example, Level 2 credits will count towards endorsement of a Level 1 NCEA, but Level 1 credits will not count towards endorsement of a Level 2 NCEA.

Course endorsement

Course endorsement provides recognition for a student who has performed exceptionally well in an individual course/subject. A subject may be endorsed with Merit or Excellence.

Students will gain a subject endorsement if, in a single school year, they achieve:

- 14 or more credits at Merit or Excellence, and
- at least 3 of these credits from externally assessed standards and 3 credits from internally assessed standards. Note, this does not apply to Physical Education, Religious Studies and level 3 Visual Arts.

A course endorsement is not a qualification.

A course endorsement can be awarded even if a qualification for that level is not achieved. For example, a student may achieve a Merit endorsement for their Level 2 Mathematics course regardless of whether they achieve NCEA Level 2.

Some subjects offer Unit standards. These earn either an Achieved or a not Achieved so do not qualify for endorsements.

Vocational Pathway Award

The Vocational Pathway Award is awarded by NZQA when a student has gained NCEA Level 2 including 60 credits from the recommended assessment standards for a Vocational Pathway sector which also includes 20 credits from the sector-related standards for the same sector. Details about Vocational Pathways can be found at:

<http://youthguarantee.net.nz/vocational-pathways/>

Options with small numbers of students.

There are times when the small number of students opting for a course makes it uneconomic to run a class in that subject at School. Four things might happen:

1. The course is cancelled for that year.
2. A combined class may have Level 2 and Level 3 students in the same room, or Level 1 and Level 2.
3. The class may have teacher contact for 2 or 3 periods out of the four allotted.
4. The course may be arranged to be taught through the Correspondence School.

When all option forms have been received and trends are analysed the students affected (and their parents) will be informed of the decisions made about running a particular class.

Academic Expectations

When a student opts into a course of study at St Peter's School it is expected that he/she will participate fully in all lessons and practicals, and in all assessments administered by the School. It will be viewed as a disciplinary matter when a student chooses not to comply with these expectations.

- A student who has Not Achieved at his/her first attempt of an Internal assessment Standard must sit the second assessment if one is offered.
- The only student who is excused from sitting the assessment(s) is one who has a medical reason or a personal crisis at the time of the assessment. These students will have produced a medical certificate or have been under the care of the School Nurse or Counsellors at the time.
- A student may have Achieved the Standard at his/her first attempt but may be able to sit the second assessment if there is one, in order to improve his/her grade.
- No students can choose not to do an assessment simply because they consider themselves as unprepared. The busy nature of life at St Peter's requires students to be good managers of their time.
- If a student is considered to be genuinely struggling in a subject it may be necessary to alter his/her course. The teacher, Year Level Deans, Careers Adviser and/or the Academic Dean will give guidance in this matter.

At all points Parents/Caregivers will be kept informed.

Course objectives

This course is an alternative to the strictly literature based course and is intended for those who wish to pursue the Level 3 Visual/Verbal course. It will suit students who are creative and enjoy visual and oral-based assessment. Students will gain experience and confidence in the three strands of the English curriculum – Written, Oral and Visual language.

Course overview

Achievement Standards		Credits	Assessment
2.1 91098	Analyse specified aspects of studied written texts, with supporting evidence	LRW 4	External
2.2 91099	Analyse specified aspect(s) of studied visual or oral text(s), with supporting evidence	LW 4	External
Plus a selection chosen from the following internal standards			
2.4 91101	Produce a selection of crafted and controlled writing	LW 6	Internal
2.5 91102	Construct and deliver a crafted and controlled oral text	L 3	Internal
2.6 91103	Create a crafted and controlled visual and verbal text	L 3	Internal

Assessment

Credits obtained in this course will contribute to NCEA Level 2.

Pre-requisites

Any 11 Level 1 credits in English.

Where does the course lead to

The course leads into Level 3 Visual Verbal English the following year.

Subject specific costs

There are no additional subject costs.

Course objectives

This course is literature focused and is intended for students who wish to pursue the Level 3 Literature course and those who may wish to sit Scholarship English.

This course builds on reading and writing skills with an emphasis on evaluation of written texts.

Course overview

Achievement Standard		Credits	Assessment
2.1 91098	Analyse specified aspect(s) of studied written texts, with supporting evidence	LRW 4	External
2.2 91099	Analyse specified aspect(s) of studied visual or oral text(s), with supporting evidence	LW 4	External
2.3 91100	Analyse significant aspects of unfamiliar written text(s), through close reading, using supporting evidence	LRW 4	External
2.4 91101	Produce a selection of crafted and controlled writing	LW 6	Internal
2.9 91106	Form developed personal responses to independently read texts, supported by evidence	LR 4	Internal

Course notes

In this course all students will study a selection of texts which may include Shakespeare, novels, plays, short stories, poetry.

Pre-requisites

Any 11 Level 1 credits in English.

Where does the course lead to

Students with a minimum of 12 Level 2 Achievement Standards in English will be eligible to sit Level 3 English.

Subject specific costs

There are no additional subject costs.

Core subject for English Language learners only**Course objectives**

- To learn strategies that will help to improve general reading, writing, listening and speaking skills in English, and to consolidate and increase vocabulary and grammar structures.
- To learn organisational skills and to work independently and in pairs or groups.

Course overview

This course focuses on improving general ESOL skills at an upper-intermediate level through a communicative approach to teaching and learning. There is also a strong emphasis on providing a range of scaffolding activities that will help students to achieve certain English and Achievement Standards that are required in order to fulfil the literacy requirements at NCEA Level 2. English for Academic Purposes Unit Standards may be considered depending on the English level of the English Language Learners.

Achievement Standards		Credits	Assessment
2.1 91098	Analyse specified aspect(s) of studied written texts, with supporting evidence	LRW 4	External
2.2 91099	Analyse specified aspect(s) of studied visual or oral text(s), with supporting evidence	LW 4	External
2.4 91101	Produce a selection of crafted and controlled writing	LW 6	Internal
2.5 91102	Construct and deliver a crafted and controlled oral text	L 3	Internal
2.9 91106	Form developed personal responses to independently read texts, supported by evidence	LR 4	Internal

Pre-requisites

Students are expected to have reached at least an upper-intermediate English level prior to course commencement or have achieved 10 Level 1 credits in English. Entry will need to be approved by the HoD ESOL. In some cases it may be recommended that students enter a recognised language school prior to entering the course.

Where does the course lead to

Students who have successfully completed this course should achieve the literacy requirements for entrance into New Zealand universities.

Subject specific costs

International students have the cost of this course included in their fees.
NZ Permanent Residents needing this course will not be charged extra.

Course objectives

Physical Education and Health is a compulsory subject taken at all levels from Year 7 – Year 13. Classes in Year 12 receive one period of Physical Education and one period of Health each week.

Physical Education is education for life. It is based around the concepts of “total well-being”, health promotion, and the socio-ecological perspective. Through giving the students the opportunity to participate in new and varied Recreation and Physical Education activities, we aim to develop total well-being in students. It is hoped students will develop an interest in physical activity and the concepts of “Fitness for Life” and “balance in mind and body”.

Unit Standards are available in Stress Management and Sexual Health.

Course overview

The Physical Education Units covered in Level 2 are:

- Racquet Sports
- Fitness Studies: Programme Planning
- Recreation; Students will be given a choice of activities such as Dance, Weight Training, Rock Climbing, Golf and traditional games

The Health Education Units covered in Year 12 are:

- Goal Setting
- Balance
- Time Management
- Social Safety Awareness; Social Networks, I Phones etc
- Nutrition
- First Aid
- Alcohol
- Drugs
- Sexual Health
- Careers
- Study Tips and Hints
- Practical Skills (change a car tyre, sew button)

Subject specific costs

There are no additional subject costs.

Course objectives

After completing this course, students should have developed an extended knowledge and understanding of business organisations, and the accounting processes and systems they use. In particular, the systems used in securing cash handling, receipts and payments, accounts receivable and payable are investigated. Students are also introduced to computerised accounting at this level.

Course overview

Achievement Standard		Credits	Assessment
Optional* 2.1 91174	Demonstrate understanding of accounting concepts for an entity that operates accounting subsystems	L 4	External
2.2 91175	Demonstrate understanding of accounting processing using accounting software	N 4	Internal
2.3 91176	Prepare financial information for an entity that operates accounting subsystems	N 5	External
2.4 91177	Interpret accounting information for entities that operate accounting subsystems	LN 4	External
2.6 91179	Demonstrate understanding of an accounts receivable subsystem for an entity	LN 3	Internal
2.7 91386	Demonstrate understanding of an inventory subsystem for an entity	LN 3	Internal

* This unit is offered for those wishing to specialise in accounting and only offered if there is time.

Pre-requisites

Students wishing to enrol in this course must have previously achieved (90977 and 90978) at Level 1 Accounting.

Exceptions will be considered, by interview with the Teacher-in-charge of Accounting.

Where does the course lead to

Students who have successfully completed this course will have a sound understanding of the full accounting process and control systems put in place by business. Students will have experienced and gained skills in using current accounting software.

Students will be fully prepared to undertake Level 3 Accounting.

Subject specific costs

Student write-on notes \$32 (approximate).

Course objectives

- To prepare students for the study of Agricultural and Horticultural Science at higher levels.
- To develop practical and problem solving skills.
- To develop an interest and appreciation for Agricultural and Horticultural Science.

Course overview

The Level 2 Agricultural and Horticulture Science programme offers 20 credits towards Level 2 NCEA. This course gives students the opportunity to gain a Merit or Excellence Endorsement.

Achievement Standards		Credits	Assessment
AS91289 2.1	Carry out an extended practical agricultural or horticultural investigation	N 4	Internal
AS91293 2.5	Demonstrate understanding of livestock reproductive techniques in commercial production in New Zealand	L 4	Internal
AS91294 2.6	Demonstrate understanding of how NZ commercial management practices influence livestock growth and development	L 4	External
AS91298 2.10	Report on the environmental impact of the production of a locally produced primary product	L 4	Internal
AS91297 2.9	Demonstrate understanding of land use for primary production in New Zealand	L 4	External

Pre-requisites

None, although Level 1 Agricultural and Horticultural Science would be an advantage.

Where does the course lead to

Level 3 Agricultural and Horticultural Science.

Subject specific costs

\$30 for consumable resources and NZ Agricultural Fielday ticket.

Course objectives

After successful completion of this course students will gain up to 24 credits for NCEA Level 2.

Course overview

Students cover a programme of work that enables them to become familiar with the ways in which artists work. Students will study painting, printmaking and sculpture. They will then choose their own theme, style and method and explore it thoroughly.

Achievement Standards		Credits	Assessment
2.2 91311	Use drawing methods to apply knowledge of conventions appropriate to painting	4	Internal
2.3 91316	Develop ideas in a related series of drawings appropriate to established painting practice	4	Internal
2.3 91319	Develop ideas in a related series of drawings appropriate to established sculpture practice	4	Internal
Optional 2.2 91314	Use drawing methods to apply knowledge of conventions appropriate to sculpture	4	Internal
2.2 91313	Use drawing methods to apply knowledge of conventions appropriate to printmaking	4	Internal
2.3 91318	Develop ideas in a related series of drawings appropriate to established printmaking practice	4	Internal

Pre-requisites

It is preferred that Year 12 Art students have successfully completed the Level 1 course. Exceptions will be made at the discretion of the Head of Department.

Where does the course lead to

Students who have successfully completed this course will be prepared to proceed onto NCEA Level 3 Practical Art subjects such as Painting and/or Photography and/or Printmaking and/or Sculpture (up to 3 practical arts may be taken at NCEA Level 3), but only at the discretion of the Head of Art.

It is recommended that Art History supports the NCEA Level 3 practical art.

Students may apply to study art in tertiary institutions at the completion of the Level 2 course. There are numerous employment opportunities in the Visual Arts. Refer to the Visual Arts career guide for further information.

Subject specific costs

Approximately \$100 for consumables as required.

Note: Subject endorsement does not apply to this course.

Course objectives

- To develop an understanding of Biological concepts.
- To develop problem solving and experimental skills.
- To apply Biological concepts to everyday applications.
- To prepare students for the study of Biology at higher levels.

Course overview

Achievement Standards		Credits	Assessment
B2.1 91153	Carry out a practical biological investigation in a biology context	N 4	Internal
B2.4 91156	Demonstrate understanding of life processes at cellular level	L 4	External
B2.5 91157	Demonstrate understanding of genetic variation and change	L 4	External
B2.6 91158	Investigate a pattern in an ecological community	L 4	Internal
B2.7 91159	Demonstrate understanding of gene expression	L 4	External

This is subject to change at the discretion of the HOD of Biology.

Pre-requisites

Level 1 Biology with at least Achieved grades in all Achievement Standards or Level 1 Science with Achieved and preferably Merit grades in the two Biology standards.

Exceptions may be made at the discretion of the HOD.

Where does the course lead to

Level 2 Biology leads to Level 3 Biology tertiary studies and careers in many professions (eg: Health Science, medicine, biotechnology, genetics, veterinary, etc)

Subject specific costs

Fee of \$40 for photocopying and consumable materials.

There will also be a field trip with an approximate cost of \$30.

Course overview

In this course, students develop their understanding of business theory and practices in a range of contexts.

The course covers the internal and external factors that influence large New Zealand organisations including Human Resource issues and Marketing.

This is an academic course and students need to be motivated, organised and independent learners. Students should have a willingness to take risks and to work collaboratively with their peers.

The course will consist of 2 external Achievement Standards of 4 credits each, plus 3 internal Achievement Standards.

Achievement Standards		Credits	Assessment
2.1 90843	Demonstrates an understanding of internal operations in a large business	L 4	External
2.2 90844	Demonstrate understanding of how a large business responds to external factors	L 4	External
2.4 90846	Conduct market research on a new or existing product	LN 3	Internal
2.5 90847	Investigate the application of motivation theory in a business	L 3	Internal
2.6 90848	Carry out, review and refine a business activity within a community context with guidance	L 9	Internal

Pre-requisites

Students have completed the Level 1 Business Studies course and gained 14 credits or by approval from Teacher in Charge of Business Studies.

Where does this course lead to

- Level 3 Business Studies.
- Helps students to develop entrepreneurial business skills and thinking.
- Gives students the ability and confidence to transfer their learning into their future lives.

Subject specific costs

- Trips – to be advised.
- \$40 including a learning workbook.
- \$30 start up capital for carrying out the business activity. This will vary according to the project undertaken.
- Two day EnQ 'Path of the Lion' Entrepreneurial seminar \$230 in term one. This is highly recommended, but optional.

Course objectives

- To develop an understanding of Chemistry concepts.
- To develop basic experimental skills.
- To apply Chemistry concepts to everyday applications.
- To prepare students for the study of Chemistry at higher levels.

Course overview

Achievement Standards		Credits	Assessment
C2.1 91161	Carry out quantitative analysis	N 4	Internal
C2.4 91164	Demonstrate understanding of bonding, structure and energy changes	L 5	External
C2.5 91165	Demonstrate understanding of the properties of selected organic compounds	L 4	External
C2.6 91166	Demonstrate understanding of chemical reactivity	L 4	External
C2.7 91167	Demonstrate understanding of oxidation-reduction	3	Internal

Pre-requisites

Level 1 Chemistry with at least Achieved in all Achievement Standards or Level 1 Science with Achieved and preferably Merit grades in the two Chemistry standards.

Exceptions may be made at the discretion of the HOD/HOF.

Where does the course lead to

Level 2 Chemistry leads to Level 3 Chemistry, tertiary studies and careers in many professions (eg Engineering, architecture, medical, veterinary, etc).

Subject specific costs

Fee of \$40 for photocopying costs/set of write-on work booklets.

Course objectives

The recent blockbuster movie TROY, demonstrates the enduring power of classical stories which come down to us from the time of Homer. Classical Studies, at Level 2, revisits this world and explores our Western heritage embodied in art and literature of antiquity.

Course overview

The course will examine Greek Mythology with an emphasis on Homer's epic poems. An external and internal paper will focus on 'The Odyssey' adventures. Other topics will include Greek History / Architecture and research into the fascinating story of the Roman city of Pompeii.

Achievement Standards		Credits	Assessment
2.1 91200	Examine ideas and values of the classical world	LRW 4	External
2.2 91201	Examine the significance of features of work(s) of art in the classical world	LRW 4	External
2.3 91202	Demonstrate understanding of a significant event in the classical world	LR 4	Internal
2.5 91204	Demonstrate understanding of the relationship between aspects of the classical world and aspects of other cultures	LR 6	Internal

Where does the course lead to

Employers in the competitive market today are looking for the fully rounded person, someone with a broader outlook who can bring a wider perspective to a particular chosen job or career path. Classical Studies can offer such an outlook as well as enhancing a variety of cognitive skills in a range of areas.

Subject specific costs

Approximately \$20.

Course objectives

This course aims to develop students' skills and knowledge of digital technologies, focusing on applying and knowing about computer science and digital applications. Students will develop skills and knowledge about programming, digital media and Digital Infrastructure, these will be assessed using achievement standards from the Digital Technologies Strand.

Students will learn Python for their programming language and do some coding using graphics. Students will be able to use these programming skills to develop and refine a solution that solves a problem. For Digital Media student will learn advanced Photoshop skills, and how to code websites using Cascading Style Sheets. Students will be expected to produce solutions that communicate effectively through one or more digital media applications. In Digital Infrastructure students learn how a local area network works, how to put one together and how to fault find a local area network. Students will learn about encoding, encryption, data representation and human-computer interfaces for their Computer Science concepts.

Students will work on industry standard software in the areas of programming, graphics, digital manipulation (Photoshop CS6), and web design (Dreamweaver and Cascading Style Sheets).

Course overview

Achievement Standards		Credits	Assessment
2.51 91378	Implement procedures for administering a local area network	4	Internal
2.43 91370	Implement advanced procedures to produce a specified digital media outcome	4	Internal
2.45 91372	Construct a modular algorithmic structure for an advanced task	3	Internal
2.46 91373	Construct an advanced computer program for a specified task	3	Internal
2.44 91371	Demonstrate understanding of advanced concepts from computer science	L 4	External

Assessment

Students will produce creative work using digital technologies for their Internal Assessments. Practical and theory work are covered. Students may need to print out work as part of these assessments when appropriate.

Pre-requisites

It is preferred that students have completed Computer Science Level 1. Exceptions will be made at the discretion of the Head of Department.

Where does the course lead to

Whether future ambitions are to be a computer programmer, graphic designer, game developer, web developer or project manager, or any job or qualification this course will give students the confidence to use Digital Technology in a variety of situations. It leads onto Computer Science Level 3 or Computer Studies Level 3.

Subject specific costs

Approximately \$10 for printing costs if needed as part of their NCEA internal assessments.

Course objectives

This course aims to give students the opportunity to demonstrate an understanding of digital technologies. Students will develop skills and knowledge about digital media, digital information and digital infrastructure. These will be assessed using the Digital Technologies strand. Students will work on industry standard software in advanced web design, graphics, databases and word processing software.

In Digital Media students will learn advanced Photoshop skills, and advanced web-design skills. Students will be expected to produce solutions that communicate effectively through one or more digital media applications. In Digital Information students will learn how to design and use databases and in Computer Science students will learn about encoding, encryption and human-computer interfaces. In Digital Infrastructure students will learn about Local Area Networks and will set up a Local Area Network.

Course overview

Achievement Standards		Credits	Assessment
2.41 91368	Implement advanced procedures to produce a specified digital information outcome with dynamically linked data	6	Internal
2.43 91370	Implement advanced procedures to produce a specified digital media outcome	4	Internal
2.44 91371	Demonstrate understanding of advanced concepts from computer science	L 4	External
2.51 91378	Implement procedures for administering a local area network	4	Internal

Assessment

Students will produce creative work using digital technologies for their Internal Assessments. Both theory and practical are covered in the achievement standards.

Pre-requisites

Preferably students will have completed Level 1 Computer Studies. Other students can enter the course at the discretion of the Head of Computing.

Where does the course lead to

Computer Studies Level 3.

Subject specific costs

Approximately \$10 for printing.

Course objectives

Students will become aware of the Social Context of Design, and Contemporary Design trends.

Course overview

Students will develop Visual Art Design skills in Illustration, Print design, Typography, Photoshop, Illustrator, and Visual Art techniques.

Achievement Standards		Credits	Assessment
Optional 2.1 91305	Demonstrate an understanding of methods and ideas from established practice appropriate to design	L 4	Internal
2.2 91310	Use drawing methods to apply knowledge of conventions appropriate to design	4	Internal
2.3 91315	Develop ideas in a related series of drawings appropriate to established design practice	4	Internal
2.4 91320	Produce a systematic body of work that shows understanding of art making conventions and ideas within design	12	External
Optional 2.5 91325	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions. <i>Offered at the discretion of the Art teacher</i>	4	Internal

Additional information

A good skill base in Art or any Technology subject is an advantage. Studying Art History with Design is an advantage but not a pre-requisite.

Where does the course lead to

This course is designed to prepare students for Level 3 Design.

This course prepares students to enter Tertiary Design courses. It draws together, consolidates, expands and applies skills and concepts which are compatible with the Tertiary Design programmes.

Although students can enter a foundation programme at the Tertiary level it is expected that many of these students will continue to study Design at Level 3.

Over the last few years there has been a big growth in the Design industry in New Zealand and the Tertiary Institutions have responded with a large number of Design qualifications.

Subject specific costs

Consumables as required between \$300 - \$400.

Course objectives

Students will be expected to investigate a range of design problems and graphically communicate information in a variety of ways. Students will be required to show competence in using a range of Design and Graphics computer applications.

Course overview

The Year 12 course in Design and Visual Communication is structured around three areas:

- Spatial design
- Product design
- Presentation of a design

The Level 2 Design and Visual Communication programme offers all of the available credits towards NCEA Level 2.

Achievement Standards		Credits	Assessment
2.30 91337	Use visual communication techniques to generate design ideas	3	External
2.31 91338	Produce working drawings to communicate technical details of a design	4	External
2.32 91339	Produce instrumental perspective projection drawings to communicate design ideas	3	External
2.33 91340	Use the characteristics of a design movement or era to inform own design ideas	L 3	Internal
2.34 91341	Develop a spatial design through graphics practice	6	Internal
2.35 91342	Develop a product design through graphics practice	6	Internal
2.36 91343	Use visual communication techniques to compose a presentation of a design	4	Internal

Pre-requisites

A minimum of an achievement grade in 6 out of 7 achievement standards in Design and Visual Communication NCEA Level 1 is the requirement to enter Level 2 Design and Visual Communication.

Where does the course lead to

Students will gain NCEA Level 2 in Design and Visual Communication. This will assist as a qualification into Tertiary education. Students will gain entry into the NCEA Level 3 and Scholarship course in Design and Visual Communication.

Subject specific costs

Approximately \$50.

Course objectives

This is a practical and theory based course which carries on from L1 Design Engineering where students are expected to work independently and creatively. Set projects include the construction of re-cycled bicycles into old school low riders, choppers, tandems or similar design base.

Course overview

Achievement Standard		Credits	Assessment
2.20 91344	Implement advanced procedures to make a specified product.	6	Internal
2.2 91355	Select and use planning tools to manage the development of an outcome.	4	Internal
2.6 91357	Undertake effective development to make and trial a prototype.	6	Internal
2.6 91359	Demonstrate understanding of material evaluation in product development.	4	External

Assessment

Students should have successfully completed Level 1 Design Engineering Technology to provide a sound base for achievement at this level. Entry at discretion of HOF Technology for students new to Design Engineering.

Where does the course lead to

This course can lead to Engineering degrees and particularly assists with successful first year completion. It also includes skills desirable in building industries which include boat fabrication, trades, as well as useful knowledge for related business.

Subject specific costs

Minimum of \$200 - dependent on level of additional purchase for student design.

Course objectives

The Level 2 Earth and Space Science course is taught from within the context of the Earth and its relationship in space. It covers aspects of:

- The relationship between the Earth and other astronomical bodies.
- How the Earth influences life and its survival.
- How extreme events and the Earth's structure have shaped our planet.
- How physical phenomena shape and maintain the Earth as a place of life.

Course overview

Achievement Standards		Credit	Assessment
2.1 91187 Version 2	Carry out a practical Earth and Space Science investigation	LN 4	Internal
2.3 91189 Version 2	Investigate geological processes in a New Zealand locality	L 4	Internal
2.5 91191 Version 2	Demonstrate understanding of extreme Earth events in New Zealand	L 4	External
2.6 91192 Version 2	Demonstrate understanding of stars and planetary systems	L 4	External
2.7 91193 Version 2	Demonstrate understanding of physical principles related to the Earth system	L 4	External

Pre-requisites

Level 1 Science or one of the Level 1 specialist sciences (Physics, Chemistry or Biology) with a minimum of Achieved in the Level 1 Practical Investigations and two of the external papers. Exceptions may be made at the discretion of the TIC Earth and Space Science/HOF.

Where does this course lead to

Level 2 Earth and Space Science leads onto Level 3 Earth and Space Science/Scholarship.

Subject specific costs

Approximately \$100. This covers the cost of the field trip to Mt Ruapehu.

Course objectives

After completing this course students will have developed an understanding of the theoretical basis of micro-economic concepts that under-pin the theory of supply and demand. Students will have also developed an understanding of New Zealand's five main macro-economic issues: economic growth, employment, inflation, trade, and inequality.

Course overview

Achievement Standards		Credits	Assessment
2.1 91222	Analyse inflation using economic concepts and models	LW 4	External
2.2 91223	Analyse international trade using economic concepts and models	LW 4	External
2.3 91225	Analyse unemployment using economic concepts and models	LW 4	Internal
2.6 91227	Analyse how government policies and contemporary economic issues interact	LR 6	Internal

Pre-requisites

There is a preference for completion of at least 12 credits in Level 1 Economics, and a minimum requirement of at least 80 Level 1 credits including at least 8 numeracy and literacy credits (i.e. Mathematics and English). Otherwise entry approval is subject to an interview with the subject Head of Department.

Where does the course lead to

Students who have successfully completed this course should be able to enter Level 3 Economics with confidence. As well, they will be aware of their country's economy and the issues that confront it and so should be more economically aware as employees.

Subject specific costs

Student write-on workbook, approximately \$25.

This is an NZQA, unit-based programme of self-directed study offered to students in Y10 - Y13.

The School has successfully gained accreditation to assess this subject against NZQA Unit Standards. Credits towards the National Certificates in Equine (Levels 2, 3 and 4) may be achieved by students successfully completing unit standards.

Supervision will be within the Option Structure of St Peter's School:

- Students will be allocated a study room with computer access if required.
- Learning will be self-directed and self-paced.
- Students will have regular contact with a tutor.

Students need not be part of the Equestrian Academy Riding programme to enter this option. However they will have access to horses and coaches where needed and where any practical components from within their course are required to be carried out.

Students who do ride in the Equestrian Academy Programme will have the opportunity of being assessed for riding units.

Industry-based work experience is required for some units.

Course content (depending on the year group)

The course consists of NZQA unit standards which give credit towards the National Certificates in Equine, Introductory Skills (Level 2), Care and Handling (Level 3), Stable Procedures (Level 3) and Sporthorse (Level 4). The total course is equivalent to approximately two years full-time correspondence study.

Broad topics covered include:

- Horse Health, Fitness and Nutrition
- Horse Management
- Pasture and Stable Management
- Structure, Conformation, Movement and Shoeing
- Safety and Employment

The number of modules completed each year will vary from student to student. Yr 12 students are assigned four periods per week.

Each unit includes self-directed study, written or oral questions and many contain practical exercises.

Assessment

Each unit includes self-directed study, written or oral questions and most contain practical exercises. Assessment of the written work and practical skills will take place for each module of work. Students will be expected to keep a folder of their completed written work and tests. There will not be an end-of-year exam.

Pre-requisites

Students need to have a high interest in horses and be confident to learn about handling them, plus be prepared to work and achieve in the self-directed, self-paced environment.

Where does the course lead to

- Unit Standards can be recognised as Prior Learning for University, Polytechnic and employment prerequisites
- Credits from Unit Standards may also be transferred towards the National Certificate of Educational Achievement

Subject specific costs

There are no additional subject costs.

Course overview

This course is made up predominantly of Technology Achievement Standards.

Achievement Standards		Credits	Assessment
91340	Characteristics of a design movement or era	3	Internal
91345	Implement advanced procedures using textile materials to make a specified product with special features	6	Internal
91355	Select and use planing tools to manage the development of an outcome	4	Internal
91357	Undertake effective development to make and trial a prototype	6	Internal
91359	Demonstrate understanding of the role of material evaluation in product development	L 4	External

- All Achievement Standards are assessed within the context of the design briefs.
- The programme provides opportunity for re-assessment.
- Fashion styling techniques and fashion photography, studio and exhibition opportunities available.

Pre-requisites

Students will need to have successfully studied fabrics and or Visual Arts Design, or have a strong interest in this area. The final decision on entry will be made by the Head of Department.

Where does the course lead to

Design courses or University - leads to careers in interior design, fashion design, merchandising and all creative fields. The technology units provide robust learning in the process of prototype development for real clients.

Subject specific costs

Approximately \$100 for consumables.

Note that sometimes the same standards are offered in more than one Technology subject. A student can do more than one of these subjects but can only gain credit in one subject for a repeated standard.

Course objectives

The Year 12 Hospitality course is made up of Technology and Home Science Achievement Standards and Standards from the Hospitality Institute. The course is an academic pathway to Level 3 Food Technology and combines practical skills with Food Technology practice. Course endorsement is available.

Course overview

Achievement Standards		Credits	Assessment
13285	Handle and maintain knives	2	Internal
13276	Prepare to grill food (mise-en place)	2	Internal
13283	Prepare and present salads for service in a commercial kitchen	2	Internal
91351	Implement advanced procedures to process a specified product	4	Internal
91359	Demonstrate understanding of the role of material evaluation in product development	L 4	External
91302	Evaluate sustainable food related practices	L 5	Internal
14434	Analyse the relationship between well-being, food choices and determinants of health	L 4	External
Unit Standards - all Level 2		Credits	Assessment
167	Food Safety	4	Internal

Barista Units at Level 2 are also an option

Course notes

Practical work is an integral part of the course.

Pre-requisites

An interest in nutrition, meal planning and studying about foods. Successful completion of Year 10 or Level 1 Food Technology preferred.

Where does the course lead to

Level 3 Food Technology (approved university subject). The food industry is one of the largest employers in the world. These Standards can be used as a basis of knowledge for entry level into this industry.

Food and Nutrition can be used throughout your life for health and wise food choices. Eating smart and healthy takes knowledge and awareness, this can be enhanced through study in this subject.

A career in hospitality can take you where you want to go – from across town to across the world! From kitchen hand to owning your own hotel.

Subject specific costs

The course content and assessment require food and meal planning, plus preparation and presentation. The fee will cover any food-related costs, approximately \$150 including assessment workbooks per term.

Course objectives

This course offers students an opportunity to extend their knowledge and interest in French language and culture. The emphasis will be placed on using the language to communicate at a deeper level on the topics studied. Students' competence in the four language skills is developed and they acquire a rich and interesting vocabulary in a number of topic areas.

Course overview

The Level 2 course is based on Level 7 of the French Curriculum in New Zealand which offers a wide choice of topics. The Level 2 course will be based on themes chosen from the following topics:

- Holidays
- Young People
- Daily Life
- French Cinema
- Fashion (or Future Plans)
- Health
- French-Speaking Countries

Comprehension, writing and speaking skills are further developed and a greater emphasis is placed on independent reading in French.

Assessment

In addition to regular monitoring of listening, reading, writing and speaking skills and vocabulary acquisition, students sit examinations to prepare them for the externally assessed NCEA Achievement Standards.

Achievement Standards		Credits	Assessment
2.1 91118	Demonstrate understanding of a variety of spoken French texts on familiar matters	5	External
2.3 91119	Interact using spoken French to share information and justify ideas and opinions in different situations	5	Internal
2.2 91120	Give a spoken presentation in French that communicates information, ideas and opinions	4	Internal
2.4 91121	Demonstrate understanding of a variety of written and/or visual French text(s) on familiar matters	5	External
2.5 91122	Write a variety of text types in French to convey information, ideas, and opinions in genuine contexts	5	External

Pre-requisites

Students should have completed Level 1 French and gained an Achieved or better in each of the four skills areas at Level 1.

Where does the course lead to

The Level 2 course fulfils the requirements for Level 2 NCEA, leading to Level 3 NCEA French in Year 13.

Subject specific costs

- Approximately \$15 to cover outings and activities.
- NCEA revision book \$15.
- Language Perfect Licence (vocabulary program) \$20.

Course objectives

Geography develops an understanding of people and their relationship with the natural and cultural environment. It encourages the development of a wide range of both academic and practical skills.

Course overview

Achievement Standards		Credits	Assessment
2.1 91240	Demonstrate geographic understanding of a large natural environment	LRW 4	External
2.4 91243	Apply concepts and Geographic Skills to a given environment	L 4	External
2.5 91244	Conduct geographic research with guidance	LN 5	Internal
2.6 91245	Explain aspects of a contemporary geographic issue	L 3	Internal
2.7 91246	Explain aspects of a geographic topic at a global scale	L 3	Internal

Pre-requisites

This is a full academic programme open to those who gained at least 10 credits in Geography (Level 1) or have gained 80 credits with at least 8 credits in or language rich subject at Level 1.

Where does the course lead to

Geography continues into Year 13 (Level 3) at secondary school, and can be studied at University level (such as Degrees in Science, Arts, Business Management, Tourism, Planning and Environmental Law). Career opportunities are wide and varied. Geographical skills and knowledge are directly relevant in career areas such as: Management, Tourism, Trade, Engineering, Journalism, Urban or Environmental Planning, Law, Diplomatic Service, Surveying, Resource Management, Computer programming (e.g. GIS work).

Geography will enable young people to develop a wider knowledge and awareness of the world. We all use the invaluable practical and problem-solving skills and knowledge of geography throughout our lives.

Subject specific costs

Course fees \$30.00

Field trip - Tongariro.

Course objectives

Students will gain an insight into influences that have shaped contemporary society. They will also develop further research, analytical and writing skills. The focus is placed on the twentieth century and the forces and personalities that have dominated this time period. Special emphasis is placed on encouraging students to understand their own past.

Course overview

Along with practical historical evidence interpretation skills, the course will focus on political and military concepts as relevant to early 20th century Russia and the development of the Cold War, as highlighted with NZ's role in the Vietnam War.

Achievement Standards		Credits	Assessment
2.2 91230	Examine a historical event or place significant to New Zealanders	LR 5	Internal
2.3 91231	Examine evidence in historical sources	LRW 4	External
2.4 91232	Examine and demonstrate empathy for the perspectives of people in an historical setting	LR 5	Internal
2.5 91233	Examine causes and consequences of a significant historical event	LRW 5	External

Pre-requisites

Students need not have studied History previously but should have a willingness to inquire, to research and write effectively. History is an academic subject. Students are required to have NCEA Level 1.

Where does the course lead to

Students who complete this course will develop skills and information that will be beneficial to them later in life.

Subject specific costs

Approximately \$15.

Course overview

Year 12 (Level 2) Japanese is made up of Levels 6 and 7 in the eight level achievement regime.

The four topics to be studied are:

- Exchange Students and School Life.
- Family Life and Celebrations including Housing and Eating & Drinking.
- Leisure and Fitness.

The range of grammar and vocabulary increases in its complexity, allowing not only for more indepth and sophisticated communication, but also for increased learner independence.

There are approximately 100 more *kanji* to be studied.

Achievement Standards		Credits	Assessment
2.1 91133	Demonstrate understanding of a variety of spoken Japanese texts on familiar matters	5	External
2.2 91134	Interact using spoken Japanese to share information and justify ideas and opinions in different situations	5	Internal
2.3 91135	Give a spoken presentation in Japanese that communicates information, ideas and opinions	4	Internal
2.4 91136	Demonstrate understanding of a variety of written and/or visual Japanese text(s) on familiar matters	5	External
2.5 91137	Write a variety of text types in Japanese to convey information, ideas, and opinions in genuine contexts	5	External

Assessment

In addition to regular topic tests monitoring proficiency in *kanji*, vocabulary and grammar structures, students sit examinations to prepare for the end of year, externally assessed NCEA Achievement Standards examination.

Pre-requisite

Students should have successfully studied Level 1 Japanese.

Where does the course lead to

Successful students may continue on to Level 3 Japanese.

Subject specific costs

The course requires the purchase of the following:

1 x resource booklet (Renash) \$17

Language Perfect Licence \$20.

Course objectives

This is the second year of an exciting and stimulating 3 year course involving designing, planning, testing and prototyping some fascinating and rewarding projects. The students learn in-depth skills to help them gain a strong base to go on to tertiary training, whether that be technical or university, or direct into the workforce. Workshop skills with associated professions are keenly sought after by industry and this does provide an advantage for students interested in these fields.

Achievement Standards		Credits	Assessment
2.2 91355	Select and use planning tools to manage the development of an outcome	4	Internal
2.20 91344	Implement advanced procedures using resistant materials to make a specified product with special features	6	Internal
2.4 91357	Undertake effective development to make and trial a prototype	6	Internal
2.6 91359	Demonstrate understanding of the role of material evaluation in product development	4	External

Practical

The course consists of two projects. The first project has some basic design, but follows a set of standard drawings where the student makes decisions on which material they will choose and how they intend to problem solve. The second project will be a design and make under the watchful eye of a Stakeholder.

Pre-requisites

It is preferred that students have successfully completed Level 1 Hard Materials Technology. Final decisions are left to the teacher in charge.

Where does the course lead to

Leads to engineering degrees, all building industries that include boat building, joinery, furniture making, as well as farming, trades, skills for life.

Subject specific costs

Approximately \$200.

Note that sometimes the same standards are offered in more than one Technology subject.

A student can do more than one of these subjects but can only gain credit in one subject for a repeated standard.

Course objectives

This course is recommended for students who wish to study Calculus and/or Statistics & Modelling (or Scholarship) in Level 3. It aims to help students develop a good foundation of mathematical skills, a sound understanding of concepts and that they learn strategies for solving problems. The course is designed to promote a positive attitude to Mathematics and a confidence that leads to further enquiry.

Course overview

Students will study the following Level 2 Achievement Standards.

Achievement/Unit Standards		Credits	Assessment
2.2 91257	Apply graphical models in solving problems	N 4	Internal
2.4 91259	Apply trigonometric relationships in solving problems	N 3	Internal
2.6 91261	Apply algebraic methods in solving problems	N 4	External
2.7 91262	Apply calculus methods in solving problems	N 5	External
2.9 91264	Use statistical methods to make an inference	LN 4	Internal
2.12 91267	Apply probability methods in solving problems	LN 4	External

Pre-requisite

Entry is at the discretion of the Head of Faculty. Students choosing this course will be expected to have gained a Merit Endorsement in the NCEA Level 1 Mathematics and Statistics course or to have obtained a B pass in IGCSE.

Where does the course lead to

- Level 3 Calculus
- Level 3 Statistics and Modelling
- Scholarship Calculus
- Scholarship Statistics and Modelling

Subject specific costs

Workbooks and software - approximately \$80. Graphics calculator.

Course objectives

This course is recommended for students who wish to study Calculus and/or Statistics & Modelling (or Scholarship, or IB) in Year 12. It aims to help students develop a good foundation of mathematical skills, a sound understanding of concepts and that they learn strategies for solving problems. The course is designed to promote a positive attitude to Mathematics and a confidence that leads to further enquiry.

Course overview

Students will study the following Level 2 Achievement Standards.

Achievement/Unit Standards		Credits	Assessment
2.2 91257	Apply graphical models in solving problems	N 4	Internal
2.4 91259	Apply trigonometric relationships in solving problems	N 3	Internal
2.6 91261	Apply algebraic methods in solving problems	N 4	External
2.7 91262	Apply calculus methods in solving problems	N 5	External
2.9 91264	Use statistical methods to make an inference	LN 4	Internal
2.1 91256	Apply coordinate geometry methods in solving problems	N 2	Internal

Pre-requisite

Entry is at the discretion of the Head of Faculty. Students choosing this course will be expected to have gained a Merit Endorsement in the NCEA Level 1 Mathematics and Statistics course or to have obtained a B pass in IGCSE at the end of Year 10.

Where does the course lead to

- Level 3 Calculus
- Level 3 Statistics and Modelling
- Scholarship Calculus
- Scholarship Statistics and Modelling
- IB HL Mathematics
- IB SL Mathematics

Subject specific costs

Workbooks- approximately \$80. Graphics calculator.

Course objectives

This course is for students who wish to continue their mathematical studies but who do not meet the requirements of any other Level 2 Mathematics courses.

Course overview

Students will study most of the Achievement Standards below gaining up to 21 credits. Some Level 2 standards may be changed for Level 1 standards at the discretion of the Head of Faculty. The combination of Level 1 and 2 Achievement Standards offered in this course may be reviewed to meet the needs of the students.

Achievement Standards		Credits	Assessment
2.10 91265	Conduct an experiment to investigate a situation using statistical methods	LN 3	Internal
2.11 91266	Evaluate a statistically based report	LRN 2	Internal
2.13 91268	Investigate a situation using a simulation	LN 2	Internal
2.1 91256	Apply coordinate geometry methods in solving problems	N 2	Internal
2.3 91258	Apply sequences and series in solving problems	N 2	Internal
2.5 91260	Use networks in solving problems	N 2	Internal
1.6 91031	Apply geometric reasoning in solving problems	N 4	External
1.10 91035	Investigate a given multivariate data set using the statistical enquiry cycle	LN 4	Internal

Pre-requisites

Entry is at the discretion of the Head of the Faculty. Students will be expected to have passed at Level 1 Achievement Standard 1.1 and 3 other Achievement Standards.

Where does the course lead to

This will be a terminating course for most students.

Subject specific costs

Workbooks - total \$70.

Graphics calculator.

Course objectives

This course is for students who wish to continue their mathematical studies but who do not meet the requirements of other Level 2 Mathematics courses.

Course overview

Students will study most of the Achievement Standards below gaining up to 19 credits.

Achievement Standards		Credits	Assessment
2.1 91256	Apply coordinate geometry methods in solving problems	N 2	Internal
2.3 91258	Apply sequences and series in solving problems	N 2	Internal
2.4 91259	Apply trigonometric relations in solving problems N3 internal.	N 3	Internal
2.5 91260	Use networks in solving problems	N 2	Internal
2.8 91263	Design a questionnaire	LN 3	Internal
2.10 91265	Conduct an experiment to investigate a situation using statistical methods	LN 3	Internal
2.11 91266	Evaluate a statistically based report	LRN 2	Internal
2.13 91268	Investigate a situation using a simulation	LN 2	Internal

Pre-requisites

Entry is at the discretion of the Head of the Faculty. Students will be expected to have passed at Level 1 Achievement Standard 1.1 and 3 other Achievement Standards and to have gained at least 14 credits in mathematics. At least two of these passes should be at Merit level.

Where does the course lead to

For most students this will lead to a higher Level 2 course and for those students who gain Merit or better in most of the Achievement standards there is the possibility of entry into the Level 3 Internal Statistics and Modelling course.

Subject specific costs

Workbooks - total \$70.

Graphics calculator.

Course objectives

This course is intended for students who do not meet the pre-requisites for the Level 2 Calculus and Statistics course but who wish to study Statistics and Modelling in Year13.

Course overview

Students will study the following Level 2 Achievement Standards.

Achievement Standards		Credits	Assessment
2.14 91269	Apply systems of equations in solving problems	N 2	Internal
2.8 91263	Design a questionnaire	LN 3	Internal
2.9 91264	Use statistical methods to make an inference	LN 4	Internal
2.10 91265	Conduct an experiment to investigate a situation using statistical methods	LN 3	Internal
2.11 91266	Evaluate a statistically based report	LRN 2	Internal
2.12 91267	Apply probability methods in solving problems	LN 4	External
2.13 91268	Investigate a situation using a simulation	LN 2	Internal

Pre-requisites

Entry is at the discretion of the Head of Faculty. Students choosing this course will be expected to have passed Achievement Standard 1.1 and 4 other achievement standards at Level 1 NCEA (at least two at Merit level) or to have obtained a C pass in IGCSE.

Where does the course lead to

- For students who perform at a very high level – Level 3 Statistics and Modelling
- Level 3 Internal Statistics and Modelling

Subject specific costs

Workbooks – approximately \$70.

Graphics calculator.

Course objective

To enable students to gain a theoretical understanding as well as practical experience of the various media genres. The course will cover print and film media at Level 2.

Course overview

Achievement Standards	Credit	Assessment
2.3 91250	L 3	Internal
2.4 91251	LRW 4	External
2.5 91252	L 4	Internal
2.6 91253	L 6	Internal
2.8 91255	LW 3	Internal

Pre-requisite

There is open entry into Level 2 Media Studies but sound written skills are recommended.

Where does the course lead to

Students who successfully complete this course will gain entry into Level 3 Media Studies.

Media Studies at secondary school is excellent preparation for the study of journalism, screen arts, communications and media studies at tertiary level.

Subject specific costs: Approximately \$10.

Course objectives

The Level 2 Music course provides students with skills and understanding across musical styles through an integrated learning approach which interweaves music appreciation, composition, aural, and performance.

Course overview

The Level 2 Music course is a comprehensive programme which encourages growth and development for students as performers, composers and musicologists. Students perform as soloists and also have the opportunity for group or ensemble performance. The craft of composition is studied and students create pieces for their solo instruments as well as a piece for an ensemble. Music works from both popular and classical idioms are studied. Students also continue to enhance their aural and theory skills.

Achievement Standards		Credits	Assessment
2.1 91270	Perform two substantial pieces of music as a featured soloist	6	Internal
2.4 91271	Compose two substantial pieces of music.	6	Internal
2.8 91273	Devise an instrumentation for an ensemble.	4	Internal
2.5 91275	Demonstrate aural understanding through written representation	4	External
2.9 91278	Investigate an aspect of New Zealand Music	4	Internal
Optional 2.2 91274	Perform a substantial piece of music as a featured soloist on a second instrument	3	Internal
Optional 2.3 91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group	4	Internal

Pre-requisites

Students intending to enrol in this course should have completed the NCEA Level 1 Music course or should have attained the equivalent of Grade Four in instrumental performance, (this includes voice).

Students should also show a high level of commitment to the music and performing arts activities offered at St Peter's school. All students must be receiving tuition in their performance instrument.

Where does the course lead to

Students who have successfully completed this course:

- Will be able to create, re-create and appreciate various musical styles.
- Will have developed individual talents in preparation for leisure pursuits or a career in music.
- Will go on, where appropriate, to a Level 3 Music course (NCEA Level 3) or entry to a Tertiary level Music course.

Subject specific costs

Concert and field trip costs will be advised (up to \$350).

Course objectives

The Level 2 Contemporary Music course focuses on:

- Developing further songwriting and composition techniques.
- Encouraging and developing students abilities on their respective instruments (guitar, bass guitar, drums, keyboard, vocals).
- Recording skills and equipment setup.
- Aural/listening skills.
- Live performance.

Course overview

The Level 2 Music Technology course is designed to further develop an understanding and the skills required to use technology associated with Music. Students will have the opportunity to learn how to provide sound enhancement for a performance context as well as develop their performance skills. Students will also explore in depth how technology is used to create music with an emphasis on both songwriting and digital music making mediums. Students will also develop their aural abilities, allowing them to train their ears and further develop their overall musicianship.

Achievement Standards		Credits	Assessment
2.1 91270	Perform two substantial pieces of music as a featured soloist.	6	Internal
Optional 2.3 91272	Demonstrate ensemble skills by performing a substantial piece of music as a member of a group.	4	Internal
2.4 91271	Compose two substantial pieces of music.	6	Internal
2.5 91275	Demonstrate aural understanding through written representation	4	External
Optional 2.9 91278	Investigate an aspect of NZ Music	4	Internal
Unit Standards		Credits	Assessment
US27703	Demonstrate and apply knowledge of sound for a performance context using control and enhancement processes	4	Internal
Optional US27657	Demonstrate knowledge of the development of music technology equipment and techniques	4	Internal
US27658	Demonstrate and apply knowledge of electronic music production and music notation application(s)	4	Internal

Pre-requisites

Students intending to enrol in this course should have completed the NCEA Level 1 Music Technology course or should have attained the equivalent of Grade Four in instrumental performance (this includes voice).

Students should show a high level of commitment to the music and performing arts activities offered at St Peter's school. All students must be receiving tuition in their chosen performance instrument (this includes voice).

Where does the course lead to

Students who have successfully completed this course:

- Will be able to create, re-create and appreciate various musical styles.
- Will have developed individual talents in preparation for leisure pursuits or a career in music.
- Will go on, where appropriate, to a Level 3 Music course (NCEA Level 3) or entry to a Tertiary level Music course.

Subject specific costs

Concert and field trip costs will be advised (up to \$350).

Course objectives

The Outdoor Education course is designed to teach and test the skills and challenges of life. The students having completed this course will have experienced risk, varying environments, appreciation of others, leadership and success. Outdoor Education produces a person who is self-confident, self-reliant and thus better prepared for all circumstances, and further study in this area.

Course overview

Many and varied scenarios are considered (of both a theoretical and practical nature), with the emphasis on skills, risk management and safety principles.

Assessment

This course offers a combination of Achievement Standards and Unit Standards both of which contribute to NCEA.

Achievement Standards		Level	Credit
91330	Perform a physical Activity in an applied setting	2	4
91333	Analyse the application of risk management strategies to a challenging outdoor activity	LR 2	3
Unit Standards		Level	Credit
426	Experience Camping	2	3
430	Demonstrate bush survival skills	3	3
444	Demonstrate basic rock climbing	2	1
457	Mountain bike on intermediate to expert terrain	2	2
476	Roll a kayak	2	2
20121	Demonstrate kayaking skills on grade 2 whitewater	2	4
20157	Demonstrate the use of basic rope systems for top-rope climbing and abseiling	2	3
26651	Provide First Aid	2	1
26652	Provide Resuscitation	1	1

* Some of these units may change/alter/be replaced as course develops.

Pre-requisites

To enrol in Outdoor Education a student does not need any pre-requisites. However, because there is a limit of only 12 per class (maximum of 3 classes) the HOF and subject teacher will select those students for whom the course is most suitable. There will be 2 major camps: Kayak camp and an outdoor survival bushcraft camp. Day trips also include rock climbing, mountain biking, and first aid.

Subject specific costs

\$1700 (approximately) includes field trips and camps.

Course objectives

This course provides students with skills and understanding in a wide range of dance styles through integrating choreography, performance and appreciation of dance. The course covers four areas: Performance, Choreography, Dance Styles, and Knowledge of Dance works.

Course overview

Achievement Standards		Credits	Assessment
2.1 91205	Choreograph a group dance to communicate an intention	4	Internal
2.2 91206	Choreograph a solo dance to communicate an intention	4	Internal
2.3 91207	Perform an ethnic or social dance to communicate understanding of the style	4	Internal
2.4 91208	Perform a theatre dance to communicate an understanding of the style	4	Internal
2.5 91209	Perform a repertoire of dance	6	Internal
2.6 91210	Demonstrate an understanding of a range of choreographic processes	4	Internal
2.7 91211	Provide an interpretation of a dance performance with supporting evidence	L 4	External

Pre-requisites

Students enrolling in this course are expected to:

- Have completed the Level 1 Dance course.
- Other students may gain entry to the course at the discretion of the HOD.
- It is advised that students receive outside tuition (to be encouraged as part of the extra-curricular dance programme at St Peter's School).
- Students intending on taking this course must be prepared to participate fully in the cultural life offered at St Peters (including Dance Clubs, Stage Challenge, or the School production)

Where does the course lead to

Students completing this course will be able to continue on to the Level 3 Performance Dance option.

Subject specific costs

- The course will require the purchase of basic stationery, tickets to at least 2 professional shows (this may include travel to Auckland), and costs for any extra workshops or trips.
- Dance uniform (black leather dance shoes and dance uniform).
- \$200 course cost to cover cost of guest choreographer.
- Dance Camp costs.

Course objectives

The course covers the four strands of the New Zealand National Arts Curriculum and aims to:

- Further develop skills in close analysis of text and independence in making decisions for interpretation and performance of role
- Develop a working knowledge of and skills in all areas of production within a historical context
- Provide further opportunities for the development of important life skills such as team work, communication, self-discipline, problem solving, decision making, research and evaluation

Course overview

The course includes both practical and written work with students being able to analyse their own work and that of others.

Achievement Standards		Credits	Assessment
2.2 91214	Devise and perform a drama to realise an intention	L 5	Internal
2.3 91215	Discuss a drama or theatre form or period with reference to a text	LWR 4	External
2.4 91216	Perform features of a complex drama or theatre form or period	LR 4	Internal
2.6 91218	Perform a substantial acting role in a scripted production	LR 5	Internal
2.7 91219	Discuss drama elements, techniques, conventions and technologies within live performance	LW 4	External

Pre-requisites

Students enrolling in this course are expected to have completed the Level 1 Performance Drama course, be receiving individual Speech and Drama tuition, or at the discretion of HOD Drama.

Where does the course lead to

Students completing this course will be able to continue on to the Level 3 Performance Drama option.

Subject specific costs

- Students must attend at least two live performances during the year. This may involve travel to Auckland.
- Cost for any additional workshops and play texts.
- Students are required to wear "Drama Blacks" for performance purposes (leggings, long sleeve black T's).

Course overview

The course will teach the photography process, digital camera work and basic Photoshop, SLR camera work, film developing and dark room skills. Awareness of the social context of photographs and photographic trends.

Students may choose to specialise in analogue (darkroom) or in digital photography.

Achievement Standards		Credits	Assessment
Optional 2.1 91307	Demonstrate an understanding of methods and ideas from established practice appropriate to photography	L 4	Internal
2.2 91312	Use drawing methods to apply knowledge of conventions appropriate to photography	4	Internal
2.3 91317	Develop ideas in a related series of drawings appropriate to established photography practice	4	Internal
2.4 91322	Produce a systematic body of work that shows understanding of art making conventions and ideas within photography	12	External
Optional 2.5 91325	Produce a resolved work that demonstrates control of skills appropriate to cultural conventions. <i>Offered at the discretion of the Art teacher</i>	4	Internal

Pre-requisites

A good skill base in Art or any Technology subject is an advantage.

Where does the course lead to

This course is designed to prepare art and technology students to enter tertiary photography and art courses.

Although students can enter a foundation programme at the tertiary level from Year 12 it is expected that many of these students will continue to study photography at Year 13 and be accredited for the foundation year.

Please refer to the Visual Arts Career guide for career information.

Subject specific costs

A digital camera of at least 5 megapixels.

Consumable materials are purchased as required and are likely to be between \$150 - \$250.

Course objectives

The aims of the syllabus are:

- To develop a knowledge and understanding of the practice and theory of physical education.
- To provide opportunities for personal, social, cultural and equity development by including students in activities which require individual endeavour and interaction with others.
- To study in depth aspects of physical education.

Course overview

The course details functional anatomy, exercise physiology, motor skills learning, biomechanics, fitness studies, training methods and principles, adventure based learning, risk management, safety in sport and issues in sports education.

Assessment

Internal assessment using achievement based methods including: examinations and assignments such as research assignments, essay skill assessment, seminars, checklists, problem solving and practical activities.

Achievement Standards		Credits	Assessment
2.2 91328	Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills	L 5	Internal
2.3 91329	Demonstrate understanding of the application of biophysical principles to training for physical activity	L 4	Internal
2.4 91330	Perform a physical activity in an applied setting	4	Internal
2.5 91331	Examine the significance for self, others and society of a sporting event, a physical activity, or a festival	L 4	Internal
2.6 91332	Evaluate leadership strategies that contribute to the effective functioning of a group	L 4	Internal
2.8 91334	Consistently demonstrate social responsibility through applying a social responsibility model in physical activity	3	Internal

Pre-requisites

"Achieved" or better in all 6 achievement standards from NCEA Level 1 Physical Education Studies.

Any student who does not complete Level 1 PE Studies, or is new to St Peter's has to be interviewed by the HOF if he/she wishes to enter Level 2 PE Studies. No exceptions will be made.

Where does this course lead to?

Future careers in Sport and Exercise Science, Sports Management, Health Science, Physiotherapy.

Subject specific costs

\$30 for workbooks.

\$300 for field trips.

Course objectives

- To develop an understanding of Physics concepts.
- To develop problem solving and experimental skills.
- To apply Physics concepts to everyday applications.
- To prepare students for the study of Physics at higher levels.

Course overview

Achievement Standard		Credits	Assessment
P2.1 91168	Take measurements of physical quantities and analyse data graphically to determine a relationship	LN 4	Internal
P2.3 91170	Demonstrate understanding of waves	LN 4	External
P2.4 91171	Demonstrate understanding of mechanics	LN 6	External
P2.5 91172	Demonstrate understanding of atoms and radioactivity	L 3	Internal
P2.6 91173	Demonstrate understanding of electricity and electromagnetism	LN 6	External

Pre-requisites

Level 1 Physics with minimum Achieved and preferably Merit grades in all Achievement Standards or Level 1 Science with Merit grades. Good results in Level 1 Mathematics, particularly Algebra and Graphing Achievement Standards. Good results in Level 1 Maths.

Physics students should take a Level 2 Mathematics course, especially if they are intending to study Level 3 Physics.

Exceptions may be made at the discretion of the HOD/HOF.

Where does this course lead to

Level 2 Physics leads to Level 3 Physics, tertiary studies and careers in many professions (eg engineering, architecture, medical, veterinary, flying, etc)

Subject specific costs

Fee of \$30 for consumables/workbooks/photocopying costs.

Course objectives

Level 1 Spanish is an intensive, fast paced course in which students cover Years 9 – 11 Spanish in one year. By the end of the course students should have language ability equivalent to two to three years of study. Students should also have gained three NCEA Level 1 Achievement Standards in Spanish (14 credits).

Course overview

Level 1 Spanish is made up of Levels 1–6 in the eight level achievement regime of the New Zealand Curriculum.

The topics to be studied are:

- Introductions
- Describing Ourselves and Others
- School
- Housing and Home Life
- Around Town
- Free Time and Leisure Activities

Course assessment

In addition to regular topic tests monitoring Listening Comprehension, Reading Comprehension, Speaking and Writing skills, students will complete three NCEA Level 1 Achievement Standards and an end of year examination in Term 3.

Achievement Standards		Credits	Assessment
1.2 90909	Give a spoken presentation in Spanish that communicates a personal response	4	Internal
1.4 90911	Demonstrate understanding of a variety of Spanish texts on areas of most immediate relevance	5	External
1.5 90912	Write a variety of text types in Spanish on areas of most immediate relevance	5	Internal

Pre-requisites

Students need no prior knowledge of Spanish to take this course; however, as this is an intensive course, the following would be advantageous for students wishing to be accepted:

- Have studied a second language
- Be highly motivated
- Show high levels of work ethics and attitude
- Be able to work in a high-pressure course
- Have well developed self-management and time-management skills

Where does the course lead to

Students who successfully complete this course can continue with level 2 Spanish in Year 13 at St Peter's.

Subject specific costs

- Resource cost \$15
- Language Perfect \$20

Courses in Te Reo Māori are available through the Correspondence School (Te Aho O Te Kura Pounamu), for students who meet the Correspondence School's enrolment criteria. Students taking these courses have timetabled periods and follow a programme set by the Correspondence School. Tutorial support is available on a weekly basis. This allows students to follow a course of Te Reo Māori at any level, from beginner to NCEA Level 3.

Course objectives

To develop in the students:

- Understanding of the environmental and economic impacts of tourism.
- Core skills required to work in the Tourism industry.
- Knowledge of both New Zealand and World tourist destinations.

Course overview

Students will work towards gaining the Level 2 National Certificate in Tourism and Travel.

Course assessment

Unit Standards		Credits	Assessment
24724	History of Tourism	3	Internal
24726	Social & Cultural Impact of Tourism	3	Internal
24727	Environmental Impacts of Tourism	3	Internal
24729	World Tourist Destinations	4	Internal
24731	Destination New Zealand	4	Internal

Pre-requisites

There is open entry into Level 2 Tourism, but an interest in developing a career in the tourism industry is a must.

Where does the course lead to

The career opportunities within tourism are varied – including service based jobs such as a waiter, or marketing an attraction, or business planning and management roles.

This course is not an NCEA subject.

It is strongly encouraged that students **bring their own devices** for this course.

The credits earned **will** count towards NCEA but the attainments **will not** be on the results slip sent by NZQA in January.

However Course results **will** appear on the Record of Achievement issued by NZQA in May.