

St Peter's College

Year 12 - NCEA Level 2 Subject Guide



Table of Contents

NCEA Level 2: Compulsory Subject Outlines	3 – 4
NCEA Level 2: Optional Subject Outlines	5 – 13
NCEA Level 2: Course Planner	14

NCEA LEVEL 2: COMPULSORY SUBJECT OUTLINES

ENGLISH FACULTY

Head of Faculty: Mr Stacy Humpage, shumpage@st-peters.school.nz

Level 2: English

CREDITS	COURSE COSTS	LEADS INTO
21 (13 Internal / 8 External)	\$15	Level 3 English

ENTRY REQUIREMENTS: 14 Credits in Level 1 English

COURSE DESCRIPTION

Level 2 builds on the concepts introduced in Level 1 English. Students will be taught a range of skills that will deepen their understanding of how language is used by writers and directors for an intended purpose as well as being able to analyse ideas within texts. The selection of internal and external Achievement Standards is highly demanding, but allows the students a range of opportunities to gain important Literacy credits for University Entrance.

Level 2: English International (ESOL)

CREDITS	COURSE COSTS	LEADS INTO
approximately 20 (English / English Language)	Nil but students will need to buy the recommended Grammar Text they will use in all years they study at St Peter's College. Details available from their teacher and the book is for sale at the stationery shop.	Level 3 English International

ENTRY REQUIREMENTS: for English Language Learners, entry determined by placement test

COURSE DESCRIPTION

In Level 2 students strengthen their receptive and productive skills and further develop their language through exposure to a wider range of texts and literacy strategies. This course is part 1 of a 2 year course designed to allow students to gain literacy credits for tertiary study in New Zealand.

MATHEMATICS FACULTY

Head of Faculty: Mr Matt Bindon, mbindon@st-peters.school.nz

Level 2: Mathematics with Calculus

CREDITS	COURSE COSTS	LEADS INTO
20 (11 Internal / 9 External)	Nil	Level 3 Mathematics with Calculus or Level 3 Mathematics with Statistics
ENTRY REQUIREMENTS: 18 credits in Level 1 Mathematics including the MCAT test.		
COURSE DESCRIPTION		
Level 2 Mathematics with Calculus explores Algebraic methods, Trigonometry, Inference, Coordinate Geometry, Calculus Methods in solving problems and Systems of Equations		

Level 2: Mathematics with Statistics

CREDITS	COURSE COSTS	LEADS INTO
18 (14 Internal / 4 External)	Nil	Level 3 Mathematics with Statistics
ENTRY REQUIREMENTS: 10 credits in Level 1 Mathematics		
COURSE DESCRIPTION		
Level 2 Mathematics with Statistics explores Trigonometry, Inference, Experiments, Networks, Simulations and Probability methods.		

THEOLOGY & PHILOSOPHY FACULTY

Head of Faculty: Dr Daniel Stollenwerk, dstollenwerk@st-peters.school.nz

Level 2: Theology & Philosophy

CREDITS	COURSE COSTS	LEADS INTO
24 (Internal)	\$16	Level 3 Theology & Philosophy Studies or University of Waikato Ethics
ENTRY REQUIREMENTS: 12 credits from Level 1 NCEA Theology and Philosophy or successful completion of Year 11 CIE World Religions or permission from the Head of Faculty or the Deputy Headmaster Curriculum		
COURSE DESCRIPTION		
At Level 2, the Theology and Philosophy department offers 4 achievement standards, each worth 6 credits, each assessed internally.		
The first Year 12 NCEA standard analyzes the Biblical theme of call and its influence on such contemporary figures as Mother Teresa and Dr Martin Luther King. Students subsequently focus on the changes in the Roman Catholic Eucharistic tradition from its roots in the Passover and inception at the Last Supper to how it is celebrated today in St Peter's College chapel.		
As a powerful way of studying World Religions, Level 2 students then consider suffering in Judaism, Christianity and Buddhism. The final standard analyzes the St. Peter's College service programme in light of the social doctrine of the Church.		

NCEA LEVEL 2: OPTIONAL SUBJECT OUTLINES

STUDENTS MUST CHOOSE THREE

ART FACULTY

Head of Faculty: Ms Nichola Barnden, nbarnden@st-peters.school.nz

Level 2: Design

CREDITS	COURSE COSTS	LEADS INTO
20 (8 Internal / 12 External)	\$60 materials fee and printing fee	Level 3 Design
ENTRY REQUIREMENTS: 14 Credits in Level 1 Visual Art		
COURSE DESCRIPTION		
Students will learn about the design process and complete tasks related to research, practical skills and developing ideas. The research involves talking about art and using this understanding to influence own work. A range of practical skills will be learnt including drawing techniques and Photoshop and Illustrator. These skills will be used in the creation of work that combines typography and image together. Design in The Arts is a creative subject and is about exploring new ways of expressing yourself. Both internals are project based and the external is a two-board folio submission.		

Level 2: Painting

CREDITS	COURSE COSTS	LEADS INTO
16 (16 Internal)	\$60 materials fee and printing fee	Level 3 Painting
ENTRY REQUIREMENTS: at least 14 Credits in Level 1 Visual Art including the external		
COURSE DESCRIPTION		
Students will complete tasks related to research, practical skills and developing ideas. The research involves talking about art and using this understanding to influence own work. Students will continue to develop their skills in a range of wet and dry media in the creation of work in their chosen style to communicate their own ideas. Painting is a creative subject and is about exploring new ways of expressing yourself. Illustration can also be a part of painting. All internals are project based and students produce a final canvas work at the end of the year.		

Level 2: Photography

CREDITS	COURSE COSTS	LEADS INTO
20 (8 Internal / 12 External)	\$60 materials and printing fee. Students must also have own digital SLR Camera.	Level 3 Photography
ENTRY REQUIREMENTS: at least 14 Credits in Level 1 Visual Art including the external		
COURSE DESCRIPTION		
Students will learn a lot of technical information about how to use a camera and post production. They then use this knowledge to complete tasks related to research, practical skills and developing ideas. The research involves talking about art and using this understanding to influence own work. A range of practical skills will be learnt including drawing techniques, studio lighting and Photoshop. Photography involves work outside of the classroom that must be completed for homework. Photography is a creative subject and is about exploring new ways of expressing yourself. Both internals are project based and the external is a two-board folio submission.		

COMMERCE FACULTY

Head of Faculty: Mr Steve Rewcastle, srewcastle@st-peters.school.nz

Level 2: Accounting

CREDITS	COURSE COSTS	LEADS INTO
19 (10 Internal / 9 External)	Course Book \$30	Level 3 Accounting

ENTRY REQUIREMENTS: 9 Credits in Level 1 Accounting including both externals, or permission from the Head of Faculty

COURSE DESCRIPTION

Level 2 Accounting aims to provide students with the knowledge and understanding of Accounting as the language of business for individuals, and various sized entities including community organisations, while acting with integrity. Students will apply financial knowledge and skills to practical situations in a variety of modern economic and business contexts, and they will research an individual company in terms of how that business is managing sustainability. Students will develop their learning by extending skills taught at Level 1, applying them specifically to the processing of data and the analysis and interpretation of information. This Level 2 Accounting course consists of the following Achievement Standards which are a mixture of written reports and calculations:

Achievement Standard 2.7 (Internal) – Inventory Subsystems

Demonstrate understanding of an inventory subsystem for an entity

Achievement Standard 2.6 (Internal) – Accounts Receivable

Demonstrate understanding of an accounts receivable subsystem for an entity

Achievement Standard 2.5 (Internal) – Sustainability

Demonstrate understanding of a contemporary accounting issue for decision making

Achievement Standard 2.3 (External) – Preparing financial information

Prepare financial information for an entity that operates accounting subsystems

Achievement Standard 2.4 (External) – Analysis and Interpretation

Interpret accounting information for entities that operate accounting subsystems

Level 2: Business Studies

CREDITS	COURSE COSTS	LEADS INTO
23 (15 Internal / 8 External)	Nil	Level 3 Business Studies

ENTRY REQUIREMENTS: 14 credits in Maths or English NCEA Level 1; or at the discretion of the Head of Faculty

COURSE DESCRIPTION

This course covers business formation, function and management of a large business. Students will continue to build on the skills developed in Level 1 Business Studies around various factors that can impact upon a business in the current New Zealand economic climate. Important ideas are developed in the classroom and also through links with the local business community. The internal assessments are all research based and cover market research and motivation, as well as setting up and running a small business to sell on Market Day and (hopefully) make a profit as well as a contribution to the community and a charity.

Level 2: Economics

CREDITS	COURSE COSTS	LEADS INTO
20 (14 Internal / 12 External)	Resource Book \$30	Level 3 Economics
ENTRY REQUIREMENTS: 14 Credits in Level 1 Economics, English or Mathematics		
COURSE DESCRIPTION		
Level 2 Economics includes the exploration of the macro-economic issues of international trade, economic growth, inflation and unemployment. Students will develop their learning through discussion, research and study of economic literature. This is a self-contained course and while completion of Level 1 economics is preferable, it is not essential and students with satisfactory grades in Level 1 English and/or Mathematics may study Level 2 Economics.		

ENGLISH FACULTY

Head of Faculty: Mr Stacy Humpage, shumpage@st-peters.school.nz

Level 2: Media Studies

CREDITS	COURSE COSTS	LEADS INTO
Approximately 21 (16 Internal / 4 External)	\$15	Level 3 Media Studies
ENTRY REQUIREMENTS: 14 credits at Level 1 English and a minimum of an achieved in the 'Visual Text' External and/or the 'Close Viewing' Internal		
COURSE DESCRIPTION		
<p>This exciting course is for students who are interested in gaining a wider understanding of the technical and social aspects of Media (film, television, radio, podcasts, music, advertising, social media). This includes analytical viewing and deconstruction of texts, as well as the study of a specific genre and the creation of a film production. They will learn how to use camera techniques, editing software and scriptwriting. Students will study how Media reflects past and current issues in society through certain representation and biases. Students will need to consider how a media text is constructed, the message it is sending and how different critical lenses could be applied to it.</p> <p>The course offers students opportunities to gain a range of Level 2 Internal and External credits. Level 2 Media offers an introduction to the subject, and it is a recommended prerequisite for those who are wanting to take it in Year 13, and later pursue a career in the Media.</p>		

HUMANITIES FACULTY

Head of Faculty: Mr Jakub Kalinowski, jkalinowski@st-peters.school.nz

Level 2: Geography

CREDITS	COURSE COSTS	LEADS INTO
19 (11 Internal / 8 External)	Geography Skills for NCEA Level 2 workbook by Justin Peat	Level 3 Geography

ENTRY REQUIREMENTS: 14 Credits in Level 1 Geography/ 14 Credits in Level 1 English (including one external standard)

COURSE DESCRIPTION

Geography is the study of the environment as the home of people. It seeks to interpret the world and how it changes over time – past, present, and future. It explores the relationships and connections between people and both natural and cultural environments. Geography investigates the ways in which features are arranged on the earth's surface. It describes and explains the patterns and processes that create them. Students learn to think spatially and use maps, visual images and new technologies to obtain, present and analyse information. Topics studied include differences in development, wealth disparities and inequalities, urban patterns and distribution of services, urban land usage and growth as well as a geographic skills component.

Level 2: History

CREDITS	COURSE COSTS	LEADS INTO
23 (14 Internal / 9 External)	Nil	Level 3 History

ENTRY REQUIREMENTS: 14 Credits in Level 1 History/ 14 Credits in Level 1 English

COURSE DESCRIPTION

This course builds upon the foundation of Level 1 History. Both the internal and external assessments are of a similar nature to the Level 1 History course, but require a deeper understanding of changes and historic movements occurring over a significant period of time. There is a strong literacy component as students are required to write engaging essays and be able to explain their points in depth. An understanding of historical sources, their advantages, limitations and usefulness towards historical study is also undertaken.

As in Level 1 History, a two-part research component is offered, allowing students to research a topic of their own choice and put together a portfolio of their research findings. The main themes offered in Level 2 History relate to independence movements and protests such as the Mau Movement.

LANGUAGES FACULTY

Head of Faculty: Ms Bingmei Zhang, bzhang@st-peters.school.nz

Level 2: Chinese

CREDITS	COURSE COSTS	LEADS INTO
19 (9 Internal/10 External)	\$23 (+GST) Education Perfect Subscription	Level 3 Chinese

ENTRY REQUIREMENTS: 9 Credits in Level 1 Chinese

COURSE DESCRIPTION

Level 2 Chinese is a 1-year bilingual course for both native speaker Chinese students and foreign language learners and is designed to help students to move between the English and Chinese languages. Students learn to communicate information and opinions through diverse familiar text types, responding to others ideas and opinions and communicating appropriately in different situations. The internal assessments consist of a writing portfolio, a spoken presentation and a conversation/interaction portfolio (optional, 5 credits). The external assessments are a reading exam and a listening exam.

In addition, the VUW online Chinese paper (Star program) is available for all Year 12 Chinese students (in Term 1 and 2). This is a 20-credit university course that contributes to students' bachelor-degree in the future.

Level 2: Spanish

CREDITS	COURSE COSTS	LEADS INTO
19 (9 Internal/10 External)	\$23 (+GST) Education Perfect Subscription.	Level 3 Spanish

ENTRY REQUIREMENTS: 9 Credits in Level 1 Spanish (Including 1 external standard)

COURSE DESCRIPTION

The course is designed to allow students to use Spanish confidently in familiar situations. By the end of this course students will be able to initiate and sustain a conversation with a sympathetic native speaker, speaking at some length, if necessary, to express personal opinions and to offer advice. They can use and understand increasingly complex language patterns and they are able to experiment with new language. They can write short passages and messages with increasing accuracy. The external assessments are a reading exam and a listening exam. Students who are keen and able may do the interaction portfolio for 5 further credits

This course is run concurrently with AS/A level Spanish

In addition, the VUW online Spanish paper (Star program) is available for all Year 12 Spanish students (in Term 1 and 2). This is a 20-credit university course that contributes to students' bachelor degree in the future.

Level 2: Te Reo Māori

CREDITS	COURSE COSTS	LEADS INTO
22 (16 Internal/6 External)	\$23 (+GST) Education Perfect Subscription	Level 3 Te Reo Māori
ENTRY REQUIREMENTS: Level One Te Reo Māori or by interview with Whaea Beth		
COURSE DESCRIPTION		
<p>This course aims to allow students to achieve a level of social competence in Level 2 Te Reo Māori. By the end of Level 2 students can explain their own ideas and opinions about their immediate world and emphasise ideas using whakataukī and kīwaha. They can read a variety of authentic Te Reo Māori materials and write expressively for a range of purposes. Students use a range of strategies to help them learn Te Reo Māori effectively.</p> <p>The assessment consists of 3 internal portfolios (2 assessments each in Whakarongo, Kōrero and Writing) and 1 external examination (Pānui)</p> <p>Membership of Kapa Haka group and participation in Māori gatherings is also encouraged.</p>		

MUSIC FACULTY

Head of Faculty: Mr Antun Poljanich, apoljanich@st-peters.school.nz

Level 2: Music

CREDITS	COURSE COSTS	LEADS INTO
24 (20 Internal / 4 External)	Nil	Level 3 Music
ENTRY REQUIREMENTS: Ability to read music / 4 years of itinerant music lessons		
COURSE DESCRIPTION		
<p>This course is designed to allow students to further develop practical and/or theoretical music skills by choosing internals suited to their abilities. Students can choose performance based internals as a solo or in an ensemble; composing internals requiring students to compose original pieces, as well as research and theory based papers.</p>		

PHYSICAL EDUCATION FACULTY

Head of Faculty: Mr James McLauchlan, jmclauchlan@st-peters.school.nz

Level 2: Academic Physical Education

CREDITS	COURSE COSTS	LEADS INTO
21 (Internal)	\$50	Level 3 Academic PE
ENTRY REQUIREMENTS: 14 credits in Level 1 PE		
COURSE DESCRIPTION		
<p>The course requires students to complete 5 achievement standards.</p> <p>A well balanced and in depth Level 2 course pushes students to understand the nature and discipline of exercise physiology as well as biomechanical analysis. Introduction into sociological themes of sport and exercise are explored allowing students to unpack concepts and ideas that have particular interest to their chosen sports or avenues of passion.</p> <p>Achievement standard 2.5 - Sports sociology Examine the significance for self, others and society of a sporting event, a physical activity or a festival.</p> <p>Achievement standard 2.6 - Coaching Touch Rugby LEADERSHIP and GROUP DYNAMICS Evaluate leadership strategies that contribute to the effective functioning of a group.</p> <p>Achievement standard 2.3 - FITNESS and TRAINING - Physiology Demonstrate understanding of the application of biophysical principles to training for physical activity.</p> <p>Achievement standard 2.2 - Biomechanics of movement Demonstrate understanding of how and why biophysical principles relate to the learning of physical skills.</p> <p>Achievement standard 2.4 - Ki O Rahi Perform a physical activity in an applied setting.</p>		

SCIENCE FACULTY

Head of Faculty: Mr Kevin Barker, kbarker@st-peters.school.nz

Level 2: Biology

CREDITS	COURSE COSTS	LEADS INTO
19 (11 Internal / 8 External)	Course Text \$30, Field Trip \$40, Practical Book \$10	Level 3 Biology

ENTRY REQUIREMENTS: 14 Credits in Level 1 Science including 4 external credits in the Biology standard, or E grade or above in IGCSE Biology

COURSE DESCRIPTION

Level 2 NCEA Biology is a course which builds on skills and knowledge gained from Level 1 Science.

Internal standards are based largely on practical Biology which includes field work. External standards are more theory based.

Level 2: Chemistry

CREDITS	COURSE COSTS	LEADS INTO
23 (10 Internal / 13 External)	Course books and Practical Guides \$50	Level 3 Chemistry

ENTRY REQUIREMENTS: 14 Credits in Level 1 Science including 4 external credits in the Chemistry standard, or E grade or above in IGCSE Chemistry

COURSE DESCRIPTION

Level 2 Chemistry is a course which builds on Level 1 Science.

The internals are based on practical work and the externals are theory based. Level 2 Chemistry is a prerequisite for Level 3 Chemistry.

Level 2: Physics

CREDITS	COURSE COSTS	LEADS INTO
22 (10 Internal / 12 External)	\$15	Level 3 Physics

ENTRY REQUIREMENTS: 14 Credits in Level 1 Science including 8 external credits in the Mechanics & Electromagnetism Physics standard, plus an external pass in Mathematics AS91028 Relationships (or Merit in MCAT 91027), or D grade or above in IGCSE Physics. This will be strictly enforced.

NOTE; Students who wish to continue in Physics to Level 3 will also need to pass an external standard in Calculus at level 2. It is also recommended that Level 3 Physics students take Level 3 Mathematics with Calculus.

COURSE DESCRIPTION

Level 2 Physics NCEA is a course which builds on Physics learning from Level 1 Science. This course has 22 available credits in 5 achievement standards.

The internal achievement standards include a 4 credit practical based standard, a 3 credit Integrated Physics standard and a 3 credit Nuclear and Atomic Physics standard. Two 6 credit external standards covering Mechanics and Electricity and Electromagnetism are sat in November. Level 2 NCEA Physics is a prerequisite for Level 3 physics. As is an external pass in Calculus in level 2 Mathematics.

TECHNOLOGY FACULTY

Head of Faculty: Mr Jonathan Bay, jbay@st-peters.school.nz

Level 2: Design & Visual Communication (DVC)

CREDITS	COURSE COSTS	LEADS INTO
22 (19 Internal / 3 External)	\$140	Level 3 Design & Visual Communication

ENTRY REQUIREMENTS: 12 credits at Level 1

COURSE DESCRIPTION

Students will build on skills learnt in Level 1 DVC to produce two design portfolios focussing on Spatial and Product design, culminating in a Design Presentation.

They will use a combination of:

- 2D and 3D freehand sketches that communicate design ideas
- Use rendering techniques to show the form and function of design ideas
- Create portfolios of design work using visual communication strategies

Students will undertake the design process to produce creative outcomes that address a given brief. This course will teach students critical thinking and problem solving using industry knowledge appropriate to creative design.

Please note: The design portfolio encompasses all available credits (including external credits). There are no exams for this subject. Students require their own personal laptop for this course.

Level 2: Hard Materials (Carpentry)

CREDITS	COURSE COSTS	LEADS INTO
25 (Internal)	\$140	Level 3 Hard Materials (Trades)

ENTRY REQUIREMENTS: At least 20 credits in Level 1 Hard Materials

COURSE DESCRIPTION

This Unit Standard course is made up of practical and theory aspects of Building and Construction. The practical outcomes produced by the students mesh with the theory content of the course at all times. The student outcomes are constructed in such a way as to give them the maximum number of learning experiences of common Carpentry practices. An interest in a career in Carpentry, Building and Cabinetry is recommended. A strong, practical work ethic is required for success in this course.

Topics studied are:

- Power tools (6Cr)
- Fixed machinery (6Cr)
- Level 2 Safety (4Cr)
- Bedside Cabinet project (6Cr)
- Joints (3Cr)

NCEA LEVEL 2 COURSE PLANNER FOR:

Name: _____

COMPULSORY SUBJECTS			
SUBJECT	INTERNAL CREDITS	EXTERNAL CREDITS	SUBTOTAL
English	13	8	21
Mathematics*	11	9	20*
Theology & Philosophy	24	-	24
SUBTOTAL A	48	17	65

OPTIONAL SUBJECTS			
SUBJECT	INTERNAL CREDITS	EXTERNAL CREDITS	SUBTOTAL
1			
2			
3			
SUBTOTAL B			
TOTAL NUMBER OF CREDITS TAKING: Add Subtotal A + Subtotal B (80 credits needed to gain NCEA Level 2)			

NOTE: Remember **20** credits of the **80** required can be brought across from **Level 1**. If you did not do Level 1 then you will need **80 Level 2 credits to gain Level 2**.

*Mathematics with Calculus = 20 credits (11 internal + 9 external)
 Mathematics with Statistics = 18 credits (14 internal + 4 external)