



ST PAUL'S COLLEGE

CONFORTARE ESTO VIR

Year 13 NCEA Level 3 Curriculum 2018

This Curriculum Booklet outlines the subjects and standards available in 2018.

The selection of an appropriate course of study is very important and should be made after personal reflection and discussion between students, parents and teachers.

Requirements for NCEA Certificates

Level 1 – 80 credits at any level, including 10 in literacy standards and 10 in numeracy standards. Some of the literacy and numeracy credits are available through option subjects.

Level 2 – 80 credits – a minimum of 60 of them at Level 2 or above and 20 from any other level. Plus Level 1 Literacy and Numeracy.

Level 3 – 80 credits – a minimum of 60 of them at Level 3 and 20 credits from Level 2 or above.

				60 credits at Level 3 or above
		60 credits at Level 2 or above	Level 3 80 credits OR	
	Level 2 80 credits (Including 10 Credits in Numeracy and 10 Credits in Literacy from Level 1) OR	plus 20 credits at any level		plus 20 credits at Level 2 or above
Level 1 80 credits (Including 10 Credits in Numeracy and 10 Credits in Literacy)				

Gaining NCEA with Merit or Excellence Endorsement

If you gain 50 or more credits at Excellence level you will earn an NCEA certificate with Excellence. If you gain 50 or more credits at Merit level (or a mix of Merit and Excellence) you will gain an NCEA certificate with Merit.

Course Endorsement

You can gain course endorsements at Merit or Excellence.

Requirement:

- 14 or more credits at Merit or Excellence in that course in one year (e.g.: 101 Science)
- A minimum of 3 credits from an External Examination
- A minimum of 3 credits from an Internal Assessment

Scholarship

Students who achieved a significant number of Excellence results in any Level 2 subject should consider entering scholarship in that subject. Scholarship is a monetary award to recognise top Students. It will not attract credits nor contribute towards a qualification but the fact a Student has gained a scholarship will appear on their Record of Achievement.

University Entrance

To qualify for entrance to a New Zealand University and some other tertiary courses providers using NCEA, you will need at least:

- Level 3 or higher – 60 credits, including a minimum of 14 credits in each of three subjects from the “approved subjects” list on the National Qualifications Framework
- AND**
- Level 2 or higher – 10 credits in English. 5 credits must be in Reading and 5 in Writing. These are selected from a list of approved standards. Please note to go to the University of Auckland you must achieve 17 Level 2 or higher English credits.
- AND**
- Level 1 or higher – 10 credits in Mathematics

Rank Scores for University Studies

To be admitted to the University of Auckland you must gain the University Entrance standard and be selected into a programme. The selection process is based on the quality of your results. You will be allocated a rank score based on your best 80 credits at Level 3 or higher over a maximum of **five** approved subjects, weighted by the level of achievement attained in each set of credits. If you achieve fewer than 80 credits, the rank score will be based on those credits you have gained at Level 3 over a maximum of five approved subjects and weighted by the level of achievement.

The rank score will be calculated by awarding four points for Excellence, three for Merit and two for Achieved for up to 24 credits in each approved subject taken at Level 3 in the last two years. The maximum rank score is 320. Students will generally need a rank score of 140 -240 to get into their chosen degree. Please see the Careers Department to get exact entry scores required for particular degree programmes.

St Paul's College Academic Programmes

Year 11

All Year 11 Students take Religious Education, Mathematics, English, and Science. Students may chose two options at year 11.

Year 12

All Year 13 Students take Religious Education, Mathematics and English. Students may chose three options at year 12.

Year 13

All Year 13 Students take Religious Education and English. Students may chose four options at year 13.

St Paul's College Curriculum Flow 2018

Year 7 & 8	Year 9	Year 10	Year 11	Year 12	Year 13
Religious Education	Religious Education	Religious Education	Religious Education	Religious Education	Religious Education
Reading	English	English	English Academic	English Academic	English Academic
Writing			English Foundation	English Foundation 2 Year Programme	
			Media	Media	Media
Mathematics	Mathematics	Mathematics	Mathematics Academic	Mathematics Academic	Mathematics Academic
			Mathematics Foundation	Mathematics Foundation	Mathematics Foundation
Science	Science	Science	Science	Science	Physics
			Health Science	Health Science	
Art	Art	Art	Art	Art	Art
	Business Studies	Business Studies	Economics	Economics	Economics
Health	Health	Health			
Music	Music	Music	Music	Music	Music
Physical Education	Physical Education	Physical Education	Sports Science	Sports Science	Sports Science
Project Technology	Building Technology	Building Technology	Technology	Technology	Technology
	DVC	DVC	DVC	DVC	DVC
				Service Academy	Service Academy
Social Studies	Social Studies	Social Studies	Geography	Geography	Geography
Te Reo	Te Reo	Te Reo	Te Reo	Te Reo	Te Reo
				Future Pathways	Future PATHway

Compulsory Subjects Level 3

Year 13 Religious Education

In Religious Education this year you will be working towards gaining Level Three 18 credits (3 x 6 credits) for the National Certificate of Educational Achievement.

Possible Course Endorsement: Yes
Entry Requirements: No
Course Code: 13RED

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
90826	3	6	L1 Lit R Lit	Religious Studies 3.3 – Analyse the response of a religious tradition to a contemporary ethical issue	Term 1 Week 10
90827	3	6	L1 Lit R Lit	Religious Studies 3.4 Analyse the key beliefs of a religious tradition and a secular worldview in relation to ultimate questions	Term 2 Week 8
91725	3	6	L1 Lit R Lit	Religious Studies 3.1- Analyse the meanings in a sacred text within a religious tradition	Term 3 Week 8

Year 13 English & Year 13 English Foundation

This challenging and academic course is for students who intend to pursue tertiary education. Students must have the following entry requirements:

Possible Course Endorsement: Yes
Entry Requirements: HOD will place students
Course Code: 13ENG or 13ENF

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91476	3	3	L1 Lit	English 3.5 – Create and deliver a fluent and coherent oral text which develops, sustains and structures ideas	Term 1 Week 9
91478	3	4	L1 Lit	English 3.7 – Respond critically to significant connections across texts, supported by evidence	Term 2 Week 9
91475	3	6	L1 Lit W Lit	English 3.4 Produce a selection of fluent and coherent writing which develops, sustains and structures ideas	Term 3 Week 3
91480	3	3	L1 Lit	English 3.10- Respond critically to significant aspects of visual and/or oral text(s) through close reading, supported by evidence	Term 2 Week 9
91472	3	4	L1 Lit B Lit	English 3.1 – Respond critically to specified aspect(s) of studied written text(s), supported by evidence	External Exam

Foundation

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91106	2	6	L1 Lit W Lit	English 2.4 Produce a selection of crafted and controlled writing	Term 4 Week 1
91105	2	5	L1 Lit R Lit	English 2.8 Use information literacy skills to form developed conclusion(s)	Term 1 Week 10
91102	2	4	L1 Lit R Lit	English 2.9 Form developed personal responses to independently read texts, supported by evidence	Term 3 Week 9
91107	2	3	L1 Lit	English 2.10 – Analyse aspects of visual and/or oral text(s) through close viewing and/or listening, supported by evidence	Term 1 Week 10
91099	2	4	L1 Lit W Lit	English 2.2 – Analyse specified aspects(s) of studied visual or oral text(s), supported by evidence	

Year 13 Statistics and Calculus

This is a highly academic course that develops the skills of Mathematics that are required to enable a Student to succeed at both NCEA Level 3 Calculus and Statistics courses.

Possible course endorsement:	13STATS Yes 13CAL Yes
Entry Requirements:	No
Course Cost:	\$40.00 Scientific Calculator or Graphics Calculator compulsory
Course Code:	13STA or 13CAL

Statistics

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91580	3	4	Num L1 Lit	Mathematics and Statistics 3.8 – Investigate time series data	Term 1 Week 7
91581	3	4	Num L1 Lit	Mathematics and Statistics 3.9 – Investigate bivariate measurement data	Term 2 Week 2
91582	3	4	Num L1 Lit	Mathematics and Statistics 3.10 – Use statistical methods to make a formal inference	Term 3 Week 8
91583	3	4	Num, L1 Lit	Mathematics and Statistics 3.11 – Conduct an experiment to investigate a situation using experimental design principles	Term 3 Week 2
91586	3	4	Num,	Mathematics and Statistics 3.14 Apply probability distributions in solving problems	Term 3 Week 3

Calculus

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91587	3	3	Num	Mathematics and Statistics 3.15 – Apply systems of simultaneous equations in solving problems	Term 1 Week 6
91575	3	4	Num	Mathematics and Statistics 3.3 – Apply trigonometric methods in solving problems	Term 1 Week 11
91573	3	3	Num	Mathematics and Statistics 3.1 – Apply the geometry of conic sections in solving problems	Term 2 Week 4
91574	3	3	Num	Mathematics and Statistics 3.2 - Apply linear programming methods in solving problems	Term 2 Week 9
91579	3	6	Num	Mathematics and Statistics 3.6 – Apply differentiation methods in solving problems	Term 3 Week 8

Year 13 Physics

301 Physics is a Level 3 Science Course that is a purely Physics course. There are 5 internal standards that have a total credit value of 16 credits. There is one 4 credit external standard which will be assessed in the end of year NCEA Level 3 External Exams. Overall there are 17 credits at Level 3, offered in this course.

Possible course endorsement:	Yes
Entry Requirements:	No
Course Cost:	\$40 Scientific Calculator compulsory
Course Code:	13PHY

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91521	3	4	Li Lit	Physics 3.1 - Carry out a practical investigation to test a physics theory relating two variables in a non-linear relationship	Term 2 Week 8
91522	3	3	L1 Lit	Physics 3.2 – Demonstrate understanding of the application of physics to a selected context	Term 1 Week 8
91525	3	3	L1 Lit	Physics 3.5 Demonstrate understanding of Modern Physics	Term 2 Week 3
91527	3	3	L1 Lit R Lit	Physics 3.7 – Use physics knowledge to develop an informed response to a social-scientific issue	Term 3 Week 3
91523	3	4	Num L1 Lit	Physics 3.3 – Demonstrate understanding of wave systems	External Exam

Year 13 Art

Year 13 Art is an exciting full practical independent course, which is primarily focused on the completion of a 3–panel external portfolio. Students can select from **Photography, Painting or Printmaking** they will explore their own artist models and develop their own conceptual direction and pictorial development. Producing a progression of informed yet original images. Students will develop more sophisticated techniques and ideas through research experimentation and imagination.

Possible Course endorsement: YES
Entry Requirements: No
Course Code: 13ART

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91451 91452 91453	3	4		Systematically clarify ideas using drawing informed by established printmaking / photography / painting practice	Term 2 Week 5
91456 91457 91458	3	14		Produce a systematic body of work that integrates conventions and regenerates ideas within printmaking / photography / painting	Term 4 Week 2

Year 13 Economics

Economics examines the choices people make about the use of limited resources to satisfy unlimited wants.

“A simple decision to buy a milkshake in an economist’s eye is seen as players in an intricate game of signals and negotiations. The game is for high stakes; some of the people who worked to get the milkshake in front of you make a lot of money, some of them made very little and some of them are after the money in your pocket right now.

Some of the producers involved used sustainable production techniques and others used the cheapest methods they could, some sell their products on global markets and others deliver it to your local dairy.”

Possible course endorsement: Yes
Entry Requirements: HOD will place students.
Course Code: 13ECO

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91401	3	5	L1 Lit R Lit	Economics 3.3 Demonstrate understanding of micro-economic concepts	Term 1 Week 9
91402	3	5	L1 Lit R Lit	Economics 3.4 Demonstrate understanding of government interventions to correct market failures	Term 2 Week due in term 3 week 28
91400	3	4	L1 Lit B Lit	Economics 3.2 – Demonstrate understanding of the efficiency of different market structures using marginal analysis	External
91403	3	6	L1 Lit W Lit	Economics 3.5 Demonstrate understanding of macro-economic influences on the New Zealand economy	External

Year 13 Geography

Geography is concerned with the world as home to people. It looks especially at how the physical world interacts with the cultural world and the effects people can have on the physical world. Topics focus on the local area (e.g. Ponsonby), regions (e.g. the Taupo region) and larger global spaces (e.g. New Zealand, SW Pacific, America). The course includes a day trip to Muriwai beach on the west coast as part of students research assessment . This is a beautiful coastal environment for the students to experience and enjoy. Muriwai is also the topic for the students external exam.

Possible course endorsement: Yes
Entry Requirements: No
Course Code: 13GEO

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91430	3	5	Num, L1 Lit	Geography 3.5 – Conduct geographic research, with consultation	Term 1 Week 9
91431	3	3	L1 Lit R Lit	Geography 3.6 – Analyse aspects of a contemporary geographic issue	Term 2 Week 5
91432	3	3	L1 Lit	Geography 3.7 – Analyse aspects of a geographic topic at a global scale	Term 2 Week 6
91428	3	3	L1 Lit R Lit	Geography 3.3 – Analyse a significant contemporary event from a geographic perspective	Term 3 Week 6
91426	3	4	L1 Lit B Lit	Geography 3.1 – Demonstrate understanding of how interacting natural processes shape a New Zealand geographic environment	External

Year 13 Media Studies

The media plays a huge part in shaping our understanding of the world. Through Media Studies, students explore the effects of mass media such as film, television, social media, music, news, print media and radio on society and how we view the world. Media studies challenges and empowers students to analyse and interpret media content and to become more informed and think critically about the media's role in everyday life. Students who study media also develop skills that will enable them to communicate their creative ideas through various mediums such as film, blogs, vlogs and advertising. Media studies is a great pathway for careers such as journalism, director/ film maker, TV presenter, advertising, radio broadcaster and film producer.

Possible course endorsement: Yes
Entry Requirements: No
Course Code: 13MED

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91494	3	4		Media Studies – Produce a design for a media product that meets the requirement of a brief.	
91495	3	6		Media Studies - Produce a media product to meet the requirements of a brief.	
91492	3	3		Media Studies – Demonstrate understanding of the media representation of an aspect of New Zealand culture and society.	
91496	3	3		Media Studies – Demonstrate understanding of a significant development in the media.	
91493	3	4		Media Studies - Demonstrate understanding of a relationship between a media genre and society.	External Exam

Year 13 Music

Sound from natural, acoustic, and digital environments is the source material for expressive ideas in music. These ideas are manipulated and extended into forms, genres, and styles that are recognised as music. Music is a fundamental form of expression, both personal and cultural. Value is placed upon the musical heritages of New Zealand's diverse cultures, including traditional and contemporary Māori musical arts. In music education, students work individually and collaboratively to explore the potential of sounds and technologies for creating, interpreting, and representing musical ideas. As they think about and explore innovative sound and media, students have rich opportunities to further their own creative potential.

Possible course endorsement: No
Entry Requirements: HOD will place students.
Course Code: 13MUS

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91416	3	8		Music 3.1 – Perform two programmes of music as a featured soloist.	Week 9, term 2 Week 9, term 3
91418	3	4		Music 3.3 – Demonstrate ensemble skills through performing two substantial pieces of music as a member of a group.	Week 9, term 1
91271	2	6		Music 3.4– Communicate musical intention by composing three original pieces of music.	Week 9, term 2 Week 8, term 3 Week 2, term 4

Year 13 Sports Science

Students will need to research and explain a current physical event, trend or issue. By using these findings students will draw conclusions about its impact or potential impact on New Zealand society. The practical achievement standard requires students to demonstrate quality performance of a physical activity in an applied setting. Students will then be asked to examine a performance improvement programme by using biophysical principles and social-cultural factors to make judgements about the effectiveness of the programme. Finally students will examine personal physical activity experiences to date and consider the influences on and reasons for participation in physical activity experiences. Students will make judgements about the relationship between the experiences: and the potential impact of the experiences on lifelong well-being. Students will use these judgements as a basis for devising strategies for lifelong well-being.

Possible course endorsement: Yes
Entry Requirements: No
Course Code: 13SPS

Standard Number	Level	Credits	Lit/ Num	Full Title	Assessment Date
91498	3	4	L1 Lit Num	Physical Education 3.1 – Evaluate physical activity experiences to devise strategies for lifelong well-being.	Term 3 Week 9
91500	3	4	L1 Lit Num	Physical Education 3.3 – Evaluate the effectiveness of a performance improvement programme	Term 3 Week 3
915013	3	4	Num	Physical Education 3.4 Demonstrate quality performance of a physical activity in an applied setting	Term 2 Week 10
91502	3	4	L1 Lit R Lit	Physical Education 3.5 – Examine a current physical activity event, trend, or issue and its impact on New Zealand society	Term 1 Week 9

Year 13 Building Technology

Students will be working towards a National Certificate in Elementary Construction Skills. This will introduce them to a hands on course that is innovative, practical and multidisciplinary programme. This will provide students with the skills and knowledge to springboard into any career in the construction industry. Students will complete one project and worksheets about the tools, process and safety issues that they encounter while completing their construction projects.

Possible course endorsement: Yes
Entry Requirements: No
Course Code: 13BTC

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
12997	3	3		Demonstrate knowledge of safe working practices on construction sites.	Term 1 Week 6
12998	3	4		Demonstrate knowledge of carpentry hand tools	Term 1 Week 11
12999	3	3		Demonstrate knowledge of timber machining equipment used on construction site	Term 2 Week 5
13000	3	4		Demonstrate knowledge of portable power tools used on construction sites	Term 2 Week 10
13002	3	2		Demonstrate knowledge of timber used in construction	Term 3 Week 4
24378	3	4		Perform building calculations	Term 3 Week 9

Year 13 Design & Visual Communication

DVC is a subject where students learn to use a range of design ideas and drawing techniques to communicate their ideas. This course is based on a design brief which could be in the Product or Spatial Design field. The design work starts by using nature as the inspiration for design. Graphics or DVC is the basis for a whole range of careers in industry and construction.

Possible course endorsement: Yes
Entry Requirements: No
Course Code: 13GRA

Standard Number	Level	Credits	Lit/Num	Full Title	Assessment Date
91630	3	6		Design and Visual Communication 3.33 Resolve a product design through graphics practice	Term 2 Week 10
91628	3	6		Design and Visual Communication 3.31 – Develop a visual presentation that exhibits a design outcome to an audience	Term 3 Week 10
91627	3	4		Design and Visual Communication 3.30 Initiate design ideas through exploration	Term 1 Week 10

Year 13 Future Pathways

This is a unit standard course developed to provide students with life skills needed to enter the workforce.

Possible course endorsement: Yes
Entry Requirements: DP Curriculum will place students.
Course Code: 12FTP

Year 13 Service Academy

This is a unit standard programme for students considering a career in the New Zealand Forces. Students who are selected to be part the Service Academy will attend two camps throughout the year and have the opportunity to grow and develop leadership skills for the future. Some students will also participate in gateway and workplace opportunities.

Possible course endorsement: No
Entry Requirements: HOD will place students
Course Code: 13ACA