



ST PETER'S COLLEGE

Year 11
CIE IGCSE
2019

TABLE OF CONTENTS

PAGE	
2	2019 CIE Outline
3	CIE Grading, Advancement to other CIE years
4	UCAS Points
5	Subject Guide
6	Theology & Philosophy, English
7	Mathematics, Science
8	Art, Commerce
9	Humanities, Languages
11	Music, Physical Education
12	Technology
13	Course Planner

CIE is a New Zealand and internationally recognised qualification.
It is accepted in all New Zealand tertiary institutions.

The examinations are administered by the University of Cambridge Local Examinations Syndicate (UCLES). CIE offers examinations at 3 levels:

Year 11: IGCSE – International General Certificate of Secondary Education

Year 12: AS – Advanced Subsidiary

Year 13: A - A Level papers or a combination of AS and A Level

Additional information can be obtained from the CIE website www.cie.org.uk

Notes:

- Each subject follows a syllabus laid down in the CIE prescription for that subject
- CIE is examined externally in Oct/ Nov each year. Some subjects are sat in May/ June.

Study Plan

Year 11 – at SPC students take 7 IGCSE Subjects:

- 1= Theology & Philosophy**
- 2= Mathematics**
- 3= English**
- 4= One Science (Choose Biology, Chemistry or Physics)***
- 5= Option Choice**
- 6= Option Choice**
- 7= Option Choice**

**If Students wish they can choose other Science subjects as part of their options*

Year 12 – At SPC students take 6 AS Subjects (Theology & Philosophy, English plus 4 options)
To be considered to study at AS Level students must have a minimum of 4 C passes or better.

Year 13 – At SPC students take 5 A/AS Level Subjects (Theology & Philosophy plus 4 options)

^ Students must gain a minimum D grade (50-59%) in AS English to gain University Entrance

^^ Students must gain a minimum D grade (50-59%) in IGCSE Maths to gain University Entrance

CIE Grading

<u>%age</u>	<u>IGCSE</u>	<u>AS Level</u>	<u>A Level</u>
<u>90-100</u>	A*	A	A*
<u>80-89</u>	A	A	A
<u>70-79</u>	B	B	B
<u>60-69</u>	C	C	C
<u>50-59</u>	D	D	D
<u>40-49</u>	E	E	E
<u>30-39</u>	F	U-Fail	U-Fail
<u>20-29</u>	G	U-Fail	U-Fail

Year 11 to Year 12:

Advancement from IGCSE to AS Level:

- **Must** pass IGCSE Mathematics – **D grade minimum.**
- **Must** attain a **C grade** or higher in **4 x subjects.**
- In each subject at least a "C" to take this subject in AS Level
- AS Maths entry requirement – must have 65% or higher in IGCSE

A student wanting to take a subject in a higher level with a Grade D or lower will need Head of Faculty, Head of Year and Senior Management permission.

Year 12 to Year 13

Advancement from AS to A Level – see below for UCAS points table:

- You **must** have passed AS English – **D grade minimum.**
- Must attain **120+ UCAS points** in best 4 subjects at AS Level.
- 100-120 UCAS points – Will require an Interview with Senior Management
- In each subject at least a "C" to take this subject in A Level.

A student wanting to take a subject in a higher level with a Grade D or lower will need Head of Faculty and Head of Year and Senior Management permission.

Year 11 CIE IGCSE 2019

UCAS Points are the criteria required for University Entrance. UCAS points are only available at AS and A Level.

<u>Grade</u>	<u>AS points</u>	<u>A Level points</u>
A*	NA	140
A	60	120
B	50	100
C	40	80
D	30	60
E	20	40

For instance to gain university entrance students must have a minimum of 120 UCAS points + D Grade for IGCSE Mathematics + E Grade for AS English. (Auckland Uni – D Grade for English)

Universities set specific UCAS rank scores for each degree course – please refer to Career Pathway Guide on the website (under academic guides)

If you have any questions, please contact

*Mr. M Mullin
Deputy Headmaster*

mmullin@st-peters.school.nz

Year 11 CIE IGCSE 2019

Entry into some subjects without prerequisites is still possible with Head of Faculty approval.

SUBJECT	ENTRY REQUIREMENTS		
	IGCSE	AS Level	A Level
Theology and Philosophy Faculty			
Theology & Philosophy	Compulsory	Compulsory	Compulsory
Art Faculty			
Art	Year 10 Art	Not Offered	Not Offered
Art - Design	Not Offered	C Grade in IGCSE Art	C Grade in AS Design
Art - Painting	Not Offered	C Grade in IGCSE Art	C Grade in AS Painting
Art - Photography	Not Offered	C Grade in IGCSE Art	C Grade in AS Photography
Commerce Faculty			
Accounting	Open entry	C Grade in IGCSE Accounting	C Grade in AS Accounting
Economics	Year 10 Business Studies	C Grade in IGCSE Economics	C Grade in AS Economics
Science Faculty			
Biology	Year 10 IG Combined Science	C Grade in IGCSE Biology,	C Grade in AS Biology
Chemistry	Year 10 IG Combined Science	C Grade in IGCSE Chemistry,	C Grade in AS Chemistry
Physics	Year 10 IG Combined Science	B Grade in IGCSE Physics,	C Grade in AS Physics
English Faculty			
English	Compulsory	C Grade in IGCSE English	C Grade in AS English
Mathematics Faculty			
Mathematics	Compulsory	C Grade in IGCSE Mathematics	C Grade in AS Mathematics
Humanities Faculty			
Classical Studies	Year 10 Humanities	Year 11 Classics/History	C Grade in AS Classics
Geography	Year 10 Humanities	C Grade in IGCSE Geography/ English	C Grade in AS Geography
History	Year 10 Humanities	C Grade in IGCSE History/ English	C Grade in AS History
Physical Education Faculty			
Physical Education	Year 10 Physical Education	C Grade in IGCSE PE	C Grade in AS PE
Technology Faculty			
Design & Technology (Graphics)	Year 10 DVC	C Grade in IGCSE D&T (Graphics)	C Grade in AS D&T (Graphics)
Harvard Computer Science	By application to Mr Bridges	Not Offered	Not Offered
Music Faculty			
Music	Year 10 Music/ Equivalent Qualification	IGCSE/ NCEA Level 1 Music	IGCSE/ AS/ NCEA Level 1 Music
Languages Faculty			
French	Year 10 French	C Grade in IGCSE French	C Grade in AS French
Mandarin Chinese	Year 10 Mandarin	Not Offered at AS Level	Not Offered at A Level

IGCSE COMPULSORY SUBJECTS

THEOLOGY & PHILOSOPHY FACULTY

Head of Faculty

Dr Daniel Stollenwerk: dstollenwerk@st-peters.school.nz

Year 11 CIE: IGCSE World Religions

Year 11 CIE bridges the gap between the more narrative study of the Judeo-Christian heritage (year 9, Scripture; year 10, Church History) and the more analytical AS Gospels, University of Waikato Ethics, or the Pre-University Cambridge course in Theology and Philosophy. In term one, year 11 CIE students concentrate on Christology; they analyze the historical Jesus, the resurrection, New Testament Christologies, the path toward the classical Christological creeds of Nicaea and Chalcedon, the controversies of the Reformation and contemporary Christologies. In terms two, three and four, students are introduced to Judaism and Islam investigating such themes as worship; beliefs and sacred writings; festivals, fasts, pilgrimage/historic places; religion and the family, rites of passage; and religion and social action.

Qualification: CIE IGCSE Divinity

Entry Requirements: Year 10 Church History

Leads onto: 12 CIE AS Gospels, 12 SPC or 12 PreU

Course costs: \$16

ENGLISH FACULTY

Head of Faculty

Miss Rebecca O'Leary: roleary@st-peters.school.nz

Course Description:

This is a 1 year course that introduces students to the deeper study of Literature. It builds on First Language English from Year 10 and prepares students for continued studies in Literature, notably at Year 12 when they need to pass AS Literature to gain University Entrance. IGCSE Literature is a demanding course that requires students to discuss how writers use language for an intended purpose. Students will have the opportunity to study a range of poetry, short stories, novels and Shakespearean drama as well as non-fiction texts. They will analyse these for characterisation, crafting, and themes. The exam is externally assessed by Cambridge and will test both essay writing as well as analytical skills through a response to unfamiliar text. This is a very rewarding and enriching course.

Leads onto: AS English

Cost: \$15 plus students purchase 'Stories of Ourselves' and 'Songs of Ourselves' as prescribed by CIE. These texts will both be used at IGCSE in 2019 and AS in 2020.

MATHEMATICS FACULTY

Head of Faculty

Mr Kevin Heeney: kheeney@st-peters.school.nz

IGCSE: Mathematics

Course Description:

This course is made up of two papers. Paper 2 shorter answer questions and Paper 4 longer answer questions. Paper 2 & Paper 4 have the following topics: Number, Algebra, Mensuration, Geometry, Trigonometry, Graph, Sets, Vector, Function, Matrices, Transformation, Statistics & Probability. Paper 2 is worth 70 marks and has an exam length of 1½ hours. Paper 4 is worth 130 marks and has an exam length of 2½ hours.

Leads on to: AS Mathematics

Course Costs: Nil

SCIENCE – CHOOSE AT LEAST ONE

SCIENCE FACULTY

Head of Faculty

Mr Kevin Barker: kbarker@st-peters.school.nz

Assistant Head of Faculty Mr A Herber: aherber@st-peters.school.nz

IGCSE: Biology

Course Description:

IGCSE Biology is a single award IGCSE subject in Biology. The course develops key scientific skills and attitudes relevant to Biology. It helps students to better understand the biological world and gain key practical skills. IGCSE Biology is assessed with 3 examinations held in October and November.

Leads onto: AS Biology

Course Costs: \$25 for resources

IGCSE: Chemistry

Course Description:

IGCSE Chemistry is a single award IGCSE subject in Chemistry. The course develops key scientific skills and attitudes relevant to Chemistry. It helps students to better understand the Chemistry and develops key practical skills. IGCSE Chemistry is assessed with 3 examinations held in October and November.

Leads onto: AS Chemistry

Course Costs: \$25 for resources

IGCSE: Physics

Course Description:

IGCSE Physics is a single award IGCSE subject which develops skills in Physics. The course aims to build key scientific skills and attitudes relevant to Physics. It helps students to better understand the physical world and gain key practical skills. IGCSE Physics is assessed with 3 examinations held in October and November.

Leads onto: AS Physics

Course Costs: \$25 for resources

****Students can choose to take more than One Science subject as part of their optional choices.***

OPTIONAL SUBJECTS – CHOOSE THREE

ART FACULTY

Head of Faculty

Ms Nichola Barnden: nbarnden@st-peters.school.nz

IGCSE: Art and Design

Course Description:

Students are required to complete two bodies of work: coursework and exam work (each worth 50% of the final mark). Each component takes a thematic approach and a range of drawings and drawing techniques will be produced in response to this. Ideas will be further developed in a series of paintings which will incorporate ideas and techniques from contemporary and traditional artist models. A final painting is then presented at the end. The final painting for the exam work will be completed in an eight hour formal examination.

Entry Requirements: Year 10 Art

Course costs: \$90 materials and printing fee + Art pack

Leads onto: AS Art and Design (Graphic Design, Painting, Photography)

ACCOUNTING FACULTY

Head of Faculty

Ms Danielle Kiely: dkiely@st-peters.school.nz

IGCSE: Accounting Course Description

Accounting is the language of business. The IGCSE Accounting syllabus introduces students to the theory and concepts of Accounting, and the ways in which Accounting is used in a variety of modern economic and business contexts. Pupils focus on the skills of recording, reporting, presenting and interpreting financial information; and they form an ideal foundation for further study at AS & A Level, and for a future career within the business profession. Accounting provides students with the tools to make real life financial decisions in a constantly changing and uncertain world. It enables students to develop the knowledge and skills to manage the financial affairs of individuals, communities, and businesses. No prior Accounting knowledge is required to enter this course, although completion of Year 10 Business Studies will provide a good basis of knowledge for this course.

Leads on: AS Accounting

Guidelines for Course Entry: Open Entry

Course Costs: Nil

COMMERCE FACULTY

Head of Faculty

Mr Steve Rewcastle: srewcastle@st-peters.school.nz

IGCSE: Economics

The IGCSE Economics syllabus will develop an understanding of economic terminology and principles and of basic economic theory. Students will learn about the economics of developed and developing nations and how these interrelate. They will also learn to handle simple data and undertake economic analysis, evaluate information and discriminate between facts and value judgements in economic issues. A foundation for further study at AS & A Level, the syllabus also encourages a better understanding of the world in which students live, and helps them play an active part in the decision-making process, whether as consumers, producers or citizens of the local, national and international community. No prior economic knowledge is required to enter this course, although completion of Year 10 Business Studies will provide a good basis of knowledge for this course.

Leads onto: AS Economics

Guidelines for Course Entry: Open Entry

Course Costs: Nil

HUMANITIES FACULTY

Head of Faculty

Mr Jakub Kalinowski: jkalinowski@st-peters.school.nz

Year 11 Classics

This course is intended to bridge the gap between those who have completed the year 9 and/or 10 Latin courses, and those who have not taken Latin and are interested in taking Cambridge (CIE) Classical Studies in year 12. The course is structured upon the NCEA level 1 Classics curriculum, however only students following the CIE pathway can take the course if they are interested in ancient history. The course will link into Cambridge AS and A Level Classics in year 12 and year 13. The course acts as an introduction to the ebbs and flows of Ancient Greece, Rome and the surrounding cultures between 1000 BCE – 100 CE. We will be exploring the interactions and conflicts within and between various cultures, with a focus on the development of religion, warfare, empire building and literature

In the areas of study in the contexts of Greece and Rome, students will be exploring:

The contrast between the modern and the ancient variants of the Olympic Games

The development of Roman sculptural works

The development of Homer's 'epic' poetry with an in-depth study of *The Odyssey*

The figurehead of Alexander the Great and his quest to create an empire in Asia

The ideological importance of patron and client relationships in Ancient Rome

Through the duration of the course, students will sit two internal assessments (social relationships in the Ancient World, and the impact of the Ancient world on Modern society) and three external examinations for a total of 24 credits. Moreover, the course will sufficiently prepare students for higher levels of Classical context and understanding in year 12 and year 13, with the chosen topics providing a sufficient level of overlap with the CIE course.

The course will also focus on enabling students to develop skills in sophisticated essay writing, primary source interpretation and analysis, and evaluation of key evidence.

Leads onto: AS Classics

Course Costs: Nil

IGCSE: History

Course Description:

This course investigates critical developments between the two World Wars in the 20th century, as well as a depth study on Weimar and Nazi Germany. This course aims to introduce students to the skills and approaches required for studying senior CIE History. There is a focus on writing analytically, reading critically and evaluating source material. The course is divided into three interdependent themes which allow for an in-depth analysis of important events, key personalities and all the factors which combined to create another global conflict.

Key Topics:

Depth Study: Germany 1919-1945 - Weimar Germany, The Rise of the Nazi Party and Hitler's Germany

Co-operation and Conflict between the Two World Wars (1919 – 1939) – including: The Peace Treaties (1919-1923), the creation and operation(s) of the League of Nations, challenges to peace in the 1930's

A focus on a source-based module – the topic changes yearly

Leads onto: AS History

Course Costs: Nil

IGCSE: Geography

Course Description:

This contemporary course gives students a broad introduction to geography with both physical processes and human issues examined. It allows for an understanding of New Zealand and its place within the world, with locations on a local, regional and global scale studied. It recognises the different communities and cultures which exist around the world and how they are impacted by changing environmental conditions.

The course is divided into three assessment components:

- Geographical Themes (see topics below)
- Geographical Skills – interpretation and analysis of geographical information
- Simulated Field Work Research

Topics studied are:

Population and Settlement – Population, Settlement

The Natural Environment – Plate tectonics, Rivers, Coasts, Weather, Climate and natural vegetation

Economic Development – Development, Food Production, Industry, Tourism, Energy, Water

Leads onto: AS Geography

Course Costs: Nil

LANGUAGES FACULTY

Head of Faculty

Mrs Margaret Ubels-Rattray: mubels@st-peters.school.nz

IGCSE: Mandarin Chinese

Course Description:

IG Chinese is a 16-month course run concurrently with NCEA Level 1 Chinese in Year 11 and NCEA Level 2 and/ or HSK L3 international exam in year 12. The exam is sat in May of Year 12.

Candidates also are encouraged to complete NCEA Level 2 in Year 12. This course allows students to understand written and spoken Chinese in a variety of familiar contexts and to produce a variety of simple texts. Students can speak in a variety of everyday situations and sustain a conversation about familiar topics.

There are 4 exams, reading, writing, listening and oral.

Entry Requirements: 60% of Year 10 Chinese

Qualification Gained: **IGCSE Chinese** (sat in May, Year 12)

Leads onto: NCEA Chinese Level 2, and /or HSK international exam L3, AUT online course (University course worth 15 credits for bachelor degree)

Course Costs: \$20 Language Perfect Subscription.

IGCSE: French

Course Description:

This course seeks to build on the knowledge gained in year 10 and extend students' structural and grammatical understanding of the French language over a range of topics so they are confident in their ability to survive in a French speaking environment. They can speak in a variety of everyday situations and sustain a conversation about familiar topics and write to express opinions and relate events

Students sit 4 external examinations, covering spoken, listening, reading and writing skills.

Leads onto: AS French

Course Costs: \$50 for dinner at a French restaurant (opt) \$20 Language Perfect Subscription

IGCSE: Spanish

Course Description:

This course seeks to build on the knowledge gained in year 10 and extend students' structural and grammatical understanding of the Spanish language over a range of topics so they are confident in their ability to survive in a Spanish speaking environment. They can speak in a variety of everyday situations and sustain a conversation about familiar topics and write to express opinions and relate events

Students sit 4 external examinations, covering spoken, listening, reading and writing skills.

Leads onto: AS Spanish

Course Costs:\$20 Language Perfect Subscription

MUSIC FACULTY

Head of Faculty

Mr Antun Poljanich: apoljanich@st-peters.school.nz

AS Level: Music

Course Description:

Course investigates Western Traditional music, with a focus on listening and musicianship. Students will analyse and compare set works in a range of styles and will express their findings through essays. Students will compose two contrasting compositions, and perform a short recital on their instrument.

Entry Requirements: Year 10 Music or equivalent entry test

Leads onto: A Level Music

Course Costs: Nil

PHYSICAL EDUCATION FACULTY

Head of Faculty

Mr Andrew Illman: aillman@st-peters.school.nz

IGCSE: Academic Physical Education

Course Description:

Component 1- Theory (40%)

This is a written paper to be assessed externally at the end of the year in a 1 hr 45 minute examination. It focuses on three modules of study:

Unit 1: Factors affecting performance

Unit 2: Health, safety and training

Unit 3: Reasons and opportunities for participation in physical activity

Component 2- Practical (60%)

This is coursework in which candidates will follow a minimum of 4 activities offered. Assessments will take place in conditioned competitive situations. The average score will count towards 50% of their total marks. In addition candidates will need to analyse and suggest a plan of improvement in one of their chosen activities. This will account for 10% of their final grade.

This will be internally assessed and externally moderated by CIE.

Leads onto: AS Academic Physical Education

Course Costs: - to be advised

TECHNOLOGY FACULTY

Head of Faculty

Mrs Amoure Homburg: ahomburg@st-peters.school.nz

Harvard Computer Science Online Course (CS50x)

Course Description: This is CS50x, Harvard University's introduction to the intellectual enterprises of computer science and the art of programming for majors and non-majors alike, with or without prior programming experience. An entry-level course taught by David J. Malan, CS50x teaches students how to think algorithmically and solve problems efficiently. Topics include abstraction, algorithms, data structures, encapsulation, resource management, security, software engineering, and web development. Languages include C, PHP, and JavaScript plus SQL, CSS, and HTML. Problem sets inspired by real-world domains of biology, cryptography, finance, forensics, and gaming.

Assessment: Students who earn a satisfactory score on 9 problem sets (i.e., programming assignments) and a final project will receive a certificate from HarvardX. This is a self-paced course – you may take CS50x on your own schedule but the course needs to be completed by the end of Term 4.

Entry Requirements: By application to Mr Bridges. Up-to-date lap-top for online access and completion of projects.

Course Costs: \$45 and \$45 printing credits

Please note that this course does not count towards CIE.

IGCSE Level: Design & Technology - Product Design

Course Description:

Successful completion of Year 10 Design and Visual Communication with 'at curriculum' level 5-6

IGCSE Level Consists of two components:

Design Portfolio: The portfolio centres around a spatial design and is completed in class, this is weighted at 50% of candidate's overall grade. Candidates are required to identify a need or opportunity and follow the design process to produce a final outcome. Candidates write their own brief, undergo appropriate research, generate concepts using drawing techniques and create a final model to be exhibited to an audience.

Examinations:

There are two written paper examinations which are combined to form the remaining 50% of candidate's overall grade. Paper 1 tests candidates design thinking and knowledge. For paper 2 candidates get to choose from 3 options: graphic products, resistant materials, and systems and control. Candidates are required to complete short written answers and quick sketching. Both exams are 1 hour long.

IGCSE COURSE PLANNER FOR

COMPULSORY SUBJECTS	
THEOLOGY + PHILOSOPHY	
ENGLISH	
MATHEMATICS	
SCIENCE OPTION	
SCIENCE OPTION =	
OPTION CHOICES	
OPTION 1 =	
OPTION 2=	
OPTION 3=	