

St Peter's College

Year 12 – CAIE AS Level Subject Guide 2020



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2020 CAMBRIDGE ASSESSMENT INTERNATIONAL EDUCATION (CAIE) GENERAL INFORMATION

CAIE 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). CAIE offers examinations at three levels:

YEAR 11 – IGCSE	YEAR 12 – AS	YEAR 13 – A
International General Certificate of Secondary Education	Advanced Subsidiary	A Level papers or a combination of AS and A Level.

Additional information may be obtained from the CAIE website www.cie.org.uk

Each subject follows a syllabus laid down in the CAIE prescription for that subject. CAIE is examined externally in Oct/ Nov each year. Some subject exams occur in May/ June.

SUBJECTS TAKEN PER LEVEL

YEAR 11 – IGCSE	YEAR 12 – AS	YEAR 13 – A
7 IGCSE Subjects	6 AS Subjects	5 A/AS Subjects
<ol style="list-style-type: none"> English Mathematics Theology & Philosophy One Science (Biology, Chemistry or Physics)* Option Choice ONE Option Choice TWO Option Choice THREE <p><i>*if students wish, they may choose other Science subjects as part of their options</i></p>	<ol style="list-style-type: none"> English Theology & Philosophy Option Choice ONE Option Choice TWO Option Choice THREE Option Choice FOUR 	<ol style="list-style-type: none"> Theology & Philosophy Option Choice ONE Option Choice TWO Option Choice THREE Option Choice FOUR

CAIE GRADING

% Gained	IGCSE	AS	A
90 – 100%	A*	A	A*
80 – 89%	A	A	A
70 – 79%	B	B	B
60 – 69%	C	C	C
50 – 59%	D	D	D
40 – 49%	E	E	E
30 – 39%	F	U-Fail	U-Fail
20 – 29%	G	U-Fail	U-Fail

ADVANCEMENT TO NEXT LEVELS

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 **FOUR 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
- AS Physics entry requirement – must have 70% 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 next page for UCAS points table:

- Student **must** have passed AS English – **D grade minimum**.
- Must attain **120+ UCAS points** in best FOUR 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, Head of Year and Senior Management permission.

UCAS POINTS

UCAS Points are the criteria required for University Entrance. UCAS points **ARE ONLY AVAILABLE AT AS AND A LEVEL**.

GRADE	AS POINTS	A LEVEL POINTS
A*	N/A	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, Academic Guides)

If you have any questions, please contact:

Mr Michael Mullin
Deputy Headmaster Curriculum
mmullin@st-peters.school.nz

FACULTIES & THEIR SUBJECT OPTIONS - CAIE LEVELS OVERVIEW -

ACCOUNTING FACULTY			
SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
ACCOUNTING	Open Entry	C Grade in IGCSE Accounting	C Grade in AS Accounting

ART FACULTY			
SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
ART	Year 10 Art	NOT OFFERED	NOT OFFERED
Digital Media and Design: GRAPHIC DESIGN	NOT OFFERED	C Grade in IGCSE Art	C Grade in AS Design
Art and Design: PAINTING	NOT OFFERED	C Grade in IGCSE Art	C Grade in AS Painting
Art and Design: PHOTOGRAPHY	NOT OFFERED	C Grade in IGCSE Art	C Grade in AS Photography

COMMERCE FACULTY			
SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
ECONOMICS	Open Entry	C Grade in IGCSE Economics	C Grade in AS Economics

ENGLISH FACULTY			
SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
ENGLISH	COMPULSORY	C Grade in IGCSE English	14 Credits in Level 2 English C Grade in AS English

HUMANITIES FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
CLASSICAL STUDIES	Year 10 Humaninities	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

LANGUAGES FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
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

MATHEMATICS FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
MATHEMATICS	COMPULSORY	C Grade in IGCSE Mathematics	C Grade in AS Mathematics

MUSIC FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
MUSIC	Year 9 Accelerate Music Programme or Equivalent Qualification	C Grade in IGCSE or Equivalent Qualification	C Grade in AS Level

PHYSICAL EDUCATION (PE) FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
PHYSICAL EDUCATION	Year 10 Physical Education & Compulsory participation in a sport	C Grade in IGCSE PE	C Grade in AS PE

SCIENCE FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
BIOLOGY	Year 10 IG Combined Science*	C Grade in IGCSE Biology	C Grade in AS Biology
CHEMISTRY	Year 10 IG Combined Science*	B 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

* One Science subject is compulsory in Year 10 (IGCSE Level). If students wish, they may choose other Science subjects as part of their three options.

TECHNOLOGY FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
DESIGN & TECHNOLOGY (Product Design)	Year 10 DVC	C Grade in IGCSE D&T (Product Design)	C Grade in AS D&T (Product Design)
HARVARD COMPUTER SCIENCE	By application to Mr Bridges	NOT OFFERED	NOT OFFERED

THEOLOGY & PHILOSOPHY FACULTY

SUBJECT	IGCSE Entry Requirements	AS LEVEL Entry Requirements	A LEVEL Entry Requirements
Theology & Philosophy	COMPULSORY	COMPULSORY	COMPULSORY

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

CAIE AS LEVEL COMPULSORY SUBJECT OUTLINES:

THEOLOGY & PHILOSOPHY FACULTY

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

Year 12 AS Gospels

ENTRY REQUIREMENTS

Successful completion year 11 CAIE World Religions

QUALIFICATION

CAIE AS Divinity

COURSE COSTS

\$16

COURSE DESCRIPTION

AS Gospels encourages and develops a scholarly understanding of the life and teaching of Jesus as contained in the four gospels. Students study such themes as the political, social and historical context of each gospel, the birth narratives, John the Baptist, discipleship, Son of Man, Son of God, Resurrection, Mark's Messianic secret, Matthew's Gospel of the Church and John's Theology of Spirit.

Year 12 SPC

ENTRY REQUIREMENTS

Credits

24

COURSE COSTS

\$16

COURSE DESCRIPTION

Those who do not gain entrance into 12 AS Gospels, follow a course in four NCEA 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 beautiful 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.

Year 12 CAIE: PreU Theology & Philosophy

ENTRY REQUIREMENTS

Invitation from the Theology and Philosophy Department

QUALIFICATION

CAIE Pre-U Theology and Philosophy (in year 13)

COURSE COSTS

\$16

COURSE DESCRIPTION

The two-year Cambridge Pre-University Theology and Philosophy course consists of three parts; the first two are studied in year 12, the third in year 13. In part one, year 12 students consider the foundations and principle themes of Philosophy and Theology: Plato, Aristotle, rationalism, empiricism, ethics, belief, conscience, free will and determinism. In part two students consider Philosophy of Religion, reflecting on the arguments for the existence of God, religious experience, the religion/science debate, the problem of evil, and life after death. The CAIE exam for this course is taken in May and June of year 13.

ENGLISH FACULTYHead of Faculty: Mr Stacy Humpage, shumpage@st-peters.school.nz**AS English****ENTRY REQUIREMENTS**

at least a C in IGCSE English

COURSE COSTS

\$15

COURSE DESCRIPTION

This is an important 1 year 'pre-university' course in which students continue to develop subtler awareness of classic Literature from different time periods in Literary History. This course provides students with their University Entrance Literacy and so forms a crucial part of their Year 12 studies. Similar to Year 11, students will write four essays in total covering Shakespeare, non-Shakespearean drama, period poetry and a novel. Not only do students extend their writing skills, but also their critical thinking and analytical abilities. The Literature texts are all of international critical acclaim and especially rich thematically, allowing students to connect them to both their original contexts and the modern day.

END OF COMPULSORY SUBJECT OUTLINES

CAIE AS LEVEL OPTIONAL SUBJECT OUTLINES:

STUDENTS MUST CHOOSE FOUR

ACCOUNTING FACULTY

Head of Faculty: Ms Danielle Kiely, dkiely@st-peters.school.nz

AS Level Accounting

ENTRY REQUIREMENTS

at least C in IGCSE Accounting

LEADS INTO

A Level Accounting

COURSE COSTS

NIL

COURSE DESCRIPTION

The AS Level Accounting syllabus builds on the IGCSE course; but it also includes Management Accounting and more problem-solving questions. The AS syllabus enables students to apply their Accounting knowledge and understanding in order to analyse and present information, give reasoned explanations, and make judgements and recommendations in a variety of modern economic and business contexts. There is a requirement for students to have completed IGCSE Accounting to a satisfactory degree to undertake AS Accounting. The AS syllabus covers the following topics:

Financial Accounting

The accounting cycle
 Accounting for non-current assets
 Reconciliation and verification
 Preparation of financial statements

- Adjustments
- Sole traders
- Partnerships
- Limited companies

Analysis and communication of accounting information to stakeholders

Cost and Management Accounting

Costing for materials and labour
 Traditional costing methods

- Absorption costing
- Marginal costing
- Cost-volume-profit analysis

The application of accounting to business planning

ART FACULTY

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

CAIE AS Level – Digital Media and Graphic Design**ENTRY REQUIREMENTS**

at least C in IGCSE Art

COURSE COSTS

\$20 materials

COURSE DESCRIPTION

In AS Art and Design – Graphic Design students will complete two bodies of work: coursework and exam work (coursework makes up 50% of the final mark and exam work the remaining 50%). Each component takes a thematic approach and a range of drawing processes are used to record information. Students will develop an understanding of design elements and principles and gain Illustrator and Photoshop skills. Students are required to give an individual response to a theme and develop ideas and use a range of techniques from contemporary and traditional artists. The emphasis for this year is on experimentation and exploration. All work is submitted digitally. A final work is presented at the end of both bodies of work. The final piece for the exam will be completed in a 10 hour formal examination.

CAIE AS Level – Art & Design: Painting**ENTRY REQUIREMENTS**

at least C in IGCSE Art

COURSE COSTS

\$90 materials and printing fee + Painting Art pack

COURSE DESCRIPTION

In AS Art and Design – Painting students will complete two bodies of work: coursework and exam work (coursework makes up 50% of the final mark and exam work the remaining 50%). Each component takes a thematic approach and a range of drawing processes are used to record information. Students are required to give an individual response to a theme and develop ideas and use a range of techniques from contemporary and traditional artists. The emphasis for this year is on experimentation and exploration. A final work is presented at the end of both bodies of work. The final piece for the exam will be completed in a 15 hour formal examination.

CAIE AS Level – Art & Design: Photography**ENTRY REQUIREMENTS**

at least C in IGCSE Art

COURSE COSTS

\$130 materials and printing fee + Photography pack

COURSE DESCRIPTION

In AS Art and Design - Photography students complete two bodies of work: coursework and exam work (coursework makes up 50% of the final mark and exam work the remaining 50%). Each component takes a thematic approach and a range of drawing processes are used to record information. Students will learn how to use a DSLR camera and studio lighting as well as post-production editing. Students are required to give an individual response to a theme and develop ideas and use a range of techniques from contemporary and traditional artists. The emphasis for this year is on experimentation and exploration. A final work is presented at the end of both bodies of work. The final piece for the exam will be completed in a 15 hour formal examination.

COMMERCE FACULTYHead of Faculty: Mr Steve Rewcastle, srewcastle@st-peters.school.nz**AS Level Economics**

ENTRY REQUIREMENTS	LEADS INTO	COURSE COSTS
at least C in IGCSE Economics, Mathematics or English	A Level Economics	NIL

COURSE DESCRIPTION

Through AS Level Economics syllabus, students learn how to explain and analyse economic issues and arguments, evaluate economic information, and organise, present and communicate ideas and judgments clearly. The syllabus covers a range of basic economic ideas, including an introduction to the price system and government intervention, international trade and exchange rates, the measurement of employment and inflation, and the causes and consequences of inflation. Students also study the price system, the theory of the firm, market failure, macroeconomic theory and policy, and economic growth and development. This is a self-contained course and requires no prior knowledge, although a background in IGCSE Economics is preferable. AS Economics is open to all year 12 and 13 students who have attained satisfactory grades in Economics, Mathematics and/or English.

HUMANITIES FACULTYHead of Faculty Mr Jakub Kalinowski, jkalinowski@st-peters.school.nz**AS Level Classical Studies**

ENTRY REQUIREMENTS	COURSE COSTS
Year 11 Classics, or at least a 'C' grade in IGCSE History and/or English	\$10

COURSE DESCRIPTION

This course builds upon the content and skills learned in Year 11 Classical Studies. The topics are varied and are intended to give students a balanced and insightful understanding of the Greco-Roman world at the heights of its power. Moreover, topics are carefully chosen to provide learning in areas of art and architecture, history, and literature. The skills focus shifts towards writing comprehensive and coherent essays.

The topics taught are:

- Alexander the Great
- Virgil's Aeneid
- Roman Architecture
- Greek Vase Painting

HUMANITIES FACULTY continued

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

AS Level Geography**ENTRY REQUIREMENTS**

at least C in IGCSE Geography and/or English or HOF approval for students who have not taken IGCSE Geography

COURSE COSTS

Students are encouraged to purchase the course Study Guide, which covers both the AS and A Level Geography syllabus. The book can be ordered online from Book Depository and costs approximately NZ\$30 including shipping.

Cambridge International AS and A Level Geography Revision Guide. ISBN: 978 144441 81487

COURSE DESCRIPTION

The Geography course aims to develop students awareness of the relevance of geographical analysis to understanding and solving contemporary human and environmental problems. The course introduces candidates to the main elements of Physical and Human Geography and the inter-relationships between these components. It encourages an understanding of the principal processes operating at different scales within Physical and Human Geography; develops candidates' sense of relative location, including an appreciation of the complexity and variety of natural and human environments; and explains the causes and effects of change over space and time on the natural and human environments. The Geography course aims to develop candidates' ability to handle and evaluate different types and sources of information; develop candidates' ability to think logically, and to present an ordered and coherent argument in a variety of ways; and to promote candidates' awareness of the need for understanding, respect and co-operation in conserving the environment and improving the quality of life both at a global scale and within the context of different cultural settings. Topics studied are:

The Physical Environment:

Hydrology and fluvial geomorphology; Atmosphere and weather; Rocks and weathering.

The Human Environment:

Population; Migration; Settlement dynamics.

AS Level History**ENTRY REQUIREMENTS**

at least C in IGCSE History and/or English

COURSE COSTS

\$10

COURSE DESCRIPTION

This course builds upon the skills and knowledge attained in the IGCSE History programme. This course is only open to Year 12 and Year 13 students. The wide-ranging scope of themes and topics allows for greater coverage of events in modern world History. The skills focus shifts towards essay writing and a more comprehensive source-based question. A focus on 19th century European history – particularly themes relating to revolutions, nationalism and liberalism – underpin the A.S. History programme.

The exams are separated into a separate source-based paper (Paper 1) and a theme-based (Paper 2) exam.

LANGUAGES FACULTY

Head of Faculty: Mrs Margaret Ubels-Rattray, mubels@st-peters.school.nz

AS Level French

ENTRY REQUIREMENTS

D in IGCSE French

COURSE COSTS

\$30 language Perfect Subscription,
DELF (cost varies) optional

COURSE DESCRIPTION

Successful students in AS French are able to understand complex and sophisticated texts about a wide variety world issues. They are able to discuss these at length, expressing ideas and justifying their points of view. They are able also to write extended essays defending a point of view. There are 3 exams: Speaking (29%) essay (21%), Reading and Guided writing (50%).

Students may also sit the international DELF exam (optional)

Year 12 CAIE Chinese

Year 12 CAIE Chinese comprises of two parts: IGCSE Chinese in the first half of the year and AS Chinese in the second half, descriptions below. Note – you will see **YEAR 12 CAIE CHINESE** on the Portal as one of your options which refers to BOTH items below.

Part 1: IGCSE Chinese, start of year to June

ENTRY REQUIREMENTS

Nil

COURSE COSTS

\$30 Language Perfect Subscription
HSK and AUT courses (Optional. Costs vary)

COURSE DESCRIPTION

The course is designed to allow students to use Chinese confidently in familiar situations. By the end of this course successful students will be able to initiate and sustain a conversation with a sympathetic native speaker and will be able to communicate in most tourist type situations. They can use increasingly complex language patterns and are willing to experiment with new language and to read independently. They can write short passages and messages.

Students sit 4 external examinations, covering spoken, listening, reading and writing skills in May or June. After this students continue with the AUT course and the 18 month AS course leading into year 13. They may do the international HSK exam.

Part 2: Year 12 AS Chinese, June to end year

ENTRY REQUIREMENTS

C in IGCSE Chinese

COURSE COSTS

\$30 Language Perfect Subscription

COURSE DESCRIPTION

This is an 18 month course beginning in the middle of Year 12. Candidates sit the exam at the end of Year 13. Successful students in AS Chinese are able to understand complex and sophisticated texts about a wide variety of world issues. They are able to discuss these at length orally and in writing, expressing ideas and justifying their points of view. They are able to write extended essays defending a point of view. There are 2 exams: Essay (30%), Reading and Guided writing (70%).

Students are also encouraged sit the international HSK exam and the AUT course (1st semester) worth 15 university credits

LANGUAGES FACULTY continuedHead of Faculty: Mrs Margaret Ubels-Rattray, mubels@st-peters.school.nz**AS Level Spanish****ENTRY REQUIREMENTS**

D in IGCSE Spanish

COURSE COSTS

\$30 language Perfect Subscription

Successful students in AS Spanish are able to understand sophisticated texts about a wide variety world issues. They are able to discuss these at length, expressing ideas and justifying their points of view. They are able also to write extended essays defending a point of view. There are 3 exams: Speaking (29%) essay (21%,) Reading and Guided writing (50%).

MATHEMATICS FACULTYHead of Faculty: Mr Kevin Heeney, kheeney@st-peters.school.nz**AS Level Mathematics****ENTRY REQUIREMENTS**

at least 65% in IGCSE Mathematics

COURSE COSTS

NIL

COURSE DESCRIPTION

This course is made up of 2 Papers: Pure Mathematics 1 (Paper 1) and Statistics 1 (Paper 5). Pure Mathematics 1 (Paper 1) has the following topics: coordinate geometry, surds and indices, functions and graphs, quadratics, inequalities, differentiation, applications of differentiation, sequences, trigonometry, (delete vectors), integration, and volumes of revolution and radian measure.

Statistics 1 (Paper 5) has the following topics: representation of data, measures of location and spread, probability, probability distributions, binomial distributions, geometric distribution, expectation and variance of random variables and normal distribution. Pure Mathematics 1 (Paper 1) is worth 75 marks (60% of total mark) and has an exam of length 1 hour and 50 minutes. Statistics 1 (Paper 5) is worth 50 marks (40% of total mark) with an exam length of 75 minutes.

MUSIC FACULTY

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

A Level Music

ENTRY REQUIREMENTS

AS Music/ Equivalent entry test

COURSE COSTS

NIL

COURSE DESCRIPTION

Students choose **two** of the **following three** options below.

1. Extended Performance: 15-20 minute performance on a single instrument plus a 1000-1500 word research report analyzing the music, comparing performances of the piece and discussing various performance and issues arising through practice.
2. Extended Composition: Single composition 6-8 minutes plus 1000-1500 word research report on relevant composers and styles and their impact on the composition, explaining the context and purpose of composition and providing an account of technical and creative decisions made.
3. Investigating Music:
 - a) 500 words outlining proposed area of study
 - b) 2500-3000 words on music topic such as repertoire of instrument, national characteristics, a genre, composer/performer etc.
 - c) 500 words reflective statement on process of research and listening.

PHYSICAL EDUCATION FACULTY

Head of Faculty: Mr Jonathan Mahoney, jmahoney@st-peters.school.nz

AS Level Academic Physical Education

Entry Requirements

at least C in IGCSE Physical Education

COURSE COSTS

Textbook and course-related costs \$50

COURSE DESCRIPTION

AS Physical Education consists of 3 components:

1. (70%) of the course is made up of a written paper to be assessed externally in a 2.5 hr examination. It will consist of 3 sections:
 - Applied Anatomy and Physiology
 - Acquiring, Developing and Performing Movement Skills
 - Contemporary Studies in Physical Education and Sport.
2. 20% of the Coursework students will follow a minimum of 2 activities offered. Assessments will take place in conditioned competitive situations.
3. In addition, students will need to produce an action plan. Students will need to design, explain and follow an action plan for improvement in one of their chosen activities. These will be internally assessed and externally moderated by CAIE.

SCIENCE FACULTY

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

AS Level Biology**ENTRY REQUIREMENTS**

A*, A or B in IGCSE Biology recommended
C Grade entry requiring interview with HOF.

COURSE COSTS

\$40 Biozone stationery, \$25
for additional resources

COURSE DESCRIPTION

AS Biology is a single award course which builds on knowledge and skills developed in IGCSE Biology. The course is assessed by 3 papers sat in October and November including 2 theory papers and an advanced practical skills paper.

AS Level Chemistry**ENTRY REQUIREMENTS**

A*, A or B in IGCSE Chemistry recommended
C Grade entry requiring interview with HOF.

COURSE COSTS

Course Manual \$30

COURSE DESCRIPTION

AS Chemistry is a single award course which builds on knowledge and skills developed in IGCSE Chemistry. The course is assessed by 3 papers sat in October and November including 2 theory papers and an advanced practical skills paper.

AS Level Physics**ENTRY REQUIREMENTS**

A*, A or B in IGCSE Physics, plus A*, A or B in IGCSE Mathematics, this will be strictly enforced

COURSE COSTS

\$25 for Practical manual

COURSE DESCRIPTION

AS Physics is a single award course which builds on knowledge and skills developed in IGCSE Physics. The course is assessed by 3 papers sat in October and November including 2 theory papers and an advanced practical skills paper.

TECHNOLOGY FACULTY

Head of Faculty: Mrs Amoure Homburg, ahomburg@st-peters.school.nz

AS Level Design & Technology (Product Design)**ENTRY REQUIREMENTS**

Prior knowledge gained in Design & Technology/at least a "D" pass at IGCSE

COURSE COSTS

\$125

COURSE DESCRIPTION

AS Level Consists of two components:

Component 02: This is a portfolio for a spatial design completed in class, this is weighted at 40% of the overall grade. Candidates are required to identify a need or opportunity for a spatial design 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.

Component 13: This is a written paper weighted at 60% of the overall grade completed during end of the year examinations. The paper is completed in 3 hours and split into 3 sections. Sections A and B tests candidates material and manufacturing knowledge in the form of short written answers and quick sketching. Section C requires candidates to design an original outcome to a given problem using a variety of drawing techniques combined with annotation.

AS LEVEL COURSE PLANNER FOR:**Name:** _____**AS LEVEL COMPULSORY SUBJECT**

Subject 1	Theology & Philosophy
Subject 2	English

AS LEVEL FOUR OPTIONAL SUBJECTS

Subject 1	
Subject 2	
Subject 3	
Subject 4	