

2021 Curriculum Booklet

WENTWORTH COLLEGE

COURSE OPTIONS

FOR

YEARS 12 & 13

2021

Selecting your Years 12 / 13 Course

Cambridge Assessment International Education (CAIE)

The aim of this booklet is to inform students and parents/caregivers of the Cambridge A.S. (Advanced Subsidiary) and A2 Level courses which are offered for study at Wentworth College.

The information given outlines course syllabus, course content and assessment modes.

The A.S. Cambridge and A2 Cambridge curricula encourage students not only to acquire knowledge but also to:

- a) Use an exploratory approach to problem solving
- b) Have confidence in their ability to solve problems
- c) Apply skills, knowledge and understanding
- d) Undertake individual projects and work as a team
- e) Develop oral and practical skills

The inclusion of New Zealand content in the Cambridge programme reinforces the quality of the qualification.

Introduction:

This course selection guide is designed to assist you in selecting your subjects in Year 12 and Year 13. It is important that you research your possible career and subject options thoroughly and seek advice.

In Years 12 and 13 you should aim to study subjects which help you prepare for your future university aspirations and/or career goals. Most students at Wentworth plan to study for degrees at university, however it should be noted that while this is the best goal for many, it is not necessarily the best or most appropriate choice for all students.

Preparation for worthwhile, interesting and rewarding careers is available through Polytechnic Degree, Diploma and Certificate courses, as well as private tertiary providers, apprenticeships and other training programmes. You should select subjects that reflect your career interest, that you enjoy, and that reflect your skills, personal qualities, learning style and values.

Cambridge Assessment International Education examinations are set and co-ordinated by the University of Cambridge in England. This is an international qualification. There are currently over 60 schools in New Zealand affiliated to Cambridge University, teaching the CAIE programme, and over 10,000 schools worldwide.

Useful Information Websites:

- www.wentworth.school.nz – Wentworth College
- www.acsnz.org.nz – Association of Cambridge Schools in NZ (Inc).
(an excellent site, explaining how CAIE operates in New Zealand.
Very good FAQ section.)
- www.cambridgeinternational.org – the international ‘Cambridge’ website.

CAIE offers an international syllabus that is fair and equitable for students around the world. There can be a combination of internal coursework, internal assessments and external examinations that are offered.

CAIE Background:

A.S. Level = Advanced Subsidiary (<i>A.S. is half of an ‘A’ Level</i>) A2 Level = Advanced (<i>the other half of the ‘A’ Level</i>) A Level = A.S. Level plus A2 Level
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Students in Year 12 study A.S. subjects which count towards University Entrance. Students may wish to study A.S. subjects in both Years 12 and 13, or a combination of A.S. and A2 Level subjects in Year 13. For most university courses a student does not need A Level passes. A number of A.S. passes is sufficient.

A2 Level subjects are of an advanced level and are demanding. Students will need a high level of achievement in a Year 12 subject at A.S. (preferably Grade A, B or C) to proceed to A Level in that subject.

A.S. Level grade results:

A* – 90% and above A – 80-89% B – 70-79% C – 60-69% D – 50-59% E – 40-49% U – ungraded
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For most of our students, examinations are sat in October/November each year. CAIE examinations are also offered in May/June.

YEAR 12

Cambridge A.S. at Wentworth

Each A.S. syllabus follows a CAIE prescription for each subject. Most students will sit **1 compulsory** and **3 optional** subjects.

Year 12 Subjects	
Compulsory subjects	Options (choose 3 AS subjects)
AS English Literature	AS Art & Design - Fine Art
or	AS Art & Design – Fine Art Photography
AS English Language and Literature	AS Art & Design – Graphic Communication
or	AS Biology
NCEA Level 2 English	AS Business
English is compulsory for all students at Year 12. (This is a Ministry of Education requirement for New Zealand.)	AS Chemistry
	AS Computer Science
	AS Design & Technology
	AS Economics
	AS Geography
	AS History
	AS Marine Studies
	AS Mathematics
	AS Music
	AS Physical Education
	AS Physics
	AS Travel & Tourism

Note:

- **The availability of all courses is subject to student numbers and staffing.**
- As is the custom at Wentworth College, individual needs or requests are carefully considered and, where possible, every attempt is made to provide a course programme suited to individual requirements.
- To study an A2 subject in Year 13, students must first study the A.S. subject in Year 12. Think about how your selection will impact on your Year 13 and university aspirations.
- You need to be aware that not all A.S. subjects are offered at A2 Level.

Below is an example of one key part of Auckland University’s requirements for some of their courses:

CAIE: Students will be selected on the basis of their rank score and three subjects from Table A and/or Table B.

Table B	Table A
Accounting, Biology, Business Studies**, Chemistry, Economics, Mathematics**, Mathematics with Calculus*, Physics, Statistics and Modelling*.	Classical Studies, English, Geography, History, History of Art, Te Reo Maori* or Te Reo Rangatira
	*NCEA subject; **CAIE subject.

*Please note: these tables are not used by universities **other than** Auckland University.*

YEAR 13

Cambridge A.S. and A2 at Wentworth

Year 13 students will select a combination of A.S. and A2 subjects.

To study at the A2 Level students need to have a high level of achievement and interest in the subject at the previous year levels. The student will be expected to have gained an A, B or C in A.S. examinations to meet the prerequisite to study at the A2 Level. Heads of Faculty/Department will have discretion in this area.

There could be numerous combinations of A.S. and A2 selected subjects, however students are advised not to study more than three A2 subjects. It may be that a student will study 3 x A.S. subjects and 1 x A2, or 2 x A.S. subjects and 2 x A2.

Year 13 Subjects

Select a combination of up to 4 AS and/or A2 subjects.

AS Art & Design - Fine Art	A2 Art & Design - Fine Art
AS Art & Design – Fine Art Photography	A2 Art & Design – Fine Art Photography
AS Art & Design – Graphic Communication	A2 Art & Design – Graphic Communication
AS Biology	A2 Biology
AS Business	A2 Chemistry
AS Chemistry	A2 Computer Science
AS Computer Science	A2 Design & Technology
AS Design & Technology	A2 Economics
AS Economics	A2 English Literature
AS English Literature	A2 Geography
AS English Language and Literature	A2 Marine Studies
AS Geography	A2 Mathematics
AS History	A2 Music
AS Marine Studies	A2 Physical Education
AS Mathematics	A2 Physics
AS Music	A2 Physics
AS Physical Education	
AS Physics	
AS Travel & Tourism	

Note:

- Depending on numbers, some A2 subjects may run concurrently with A.S. classes.
- Individual students may be able to study at an A2 Level in a subject not covered in the above list. This would need to be discussed with Mr Lee.
- If a student chooses to study A.S. English Literature after having sat the examination in A.S. English Language and Literature (or vice versa) in the previous year, only one of these marks will count for University Entrance points.

Choosing Your Subjects

To choose your subject options you need to think about these things:

Interests:

What do you enjoy? Do you like the course or just the teacher?

You are more likely to work hard and do well in a course that interests you.

Skills and Abilities:

Which subjects are you good at?

Assessment results will help you to determine your ability.

Discuss this with your parents and subject teachers.

Learning Style:

Do you prefer reading and writing, listening and discussing, practical work, creative work?

Which subjects will you need?

Consider university, polytechnic and other courses, apprenticeships, cadetships and work.

Carefully check websites and prospectuses for required subjects which you must take.

Consider recommended subjects that it is desirable to study.

Remember your school studies provide a platform of skills and knowledge for your future learning. What you learn is important, not just the NZ Cambridge UE Tariff.

Career choices:

What do you plan to do when you leave school?

What are your short term plans?

What are your long term goals?

Range of subjects:

Keep your options open, especially if you are undecided about future course or career plans. Some subjects complement each other and go well together to form useful “clusters”.

Pre-requisites for further study:

Look at the subjects you wish to study in future years.

Some subjects can be started at any year level.

What is involved in studying the subjects that interest you?

Will you have to read a lot of books?

Will you have to write many essays?

Will you need to do practical experiments?

Will you need to make things?

Will the subject involve discussion with other people in the class?

What topics does the subject cover?

Will the subject involve field trips, projects, performances?

How is the subject assessed: end of year examinations, assignments, internal assessments?

CAMBRIDGE Subject Details

Table of Contents

Subject	Page
AS Art & Design - Fine Art	8
AS Art & Design – Fine Art Photography	8
AS Art & Design – Graphic Communication	9
A2 Art & Design - Fine Art	9
A2 Art & Design - Fine Art Photography	9
A2 Art & Design - Graphic Communication	9
AS Biology	10
A2 Biology	11
AS Business	12
AS Chemistry	13
A2 Chemistry	14
AS Computer Science	15
A2 Computer Science	16
AS Design & Technology (Graphics)	17
A2 Design & Technology	18
AS Economics	19
A2 Economics	20
AS English Language and Literature	21
AS English Literature	22
A2 English Literature	22
AS Geography	23
A2 Geography	23
AS History	24
AS Marine Studies	25
A2 Marine Studies	26
AS Mathematics	27
A2 Mathematics	27
AS Music	28
A2 Music	29
AS Physical Education	30
A2 Physical Education	31
AS Physics	32
A2 Physics	33
AS Travel & Tourism	34

A.S. Art & Design (Fine Art)

Recommended Background:

A.S. Level Art & Design (Fine Art) requires skills and knowledge from studying Year 11 Fine Art. Students who have gained lower than a Grade 'C' in IGCSE Art & Design should consult with the Head of Department before entry to the course. Students who have not undertaken any previous Art studies must be competent in drawing and painting. Students are required to have a core set of quality acrylic paints, art pencils and a variety of drawing media as the course progresses and students pursue their individual core strengths.

Course Description:

A.S. Level Art and Design (Fine Art) is a course upon which further study in Fine Art at A Level and Tertiary levels is based. In Term 1 students are taught to analyse artists' ways of working and to develop an understanding of processes and procedures used by their chosen artist model. Students apply this knowledge to their chosen theme and develop their ideas alongside their technical skills. This work continues into Term 2 as students fulfil the requirements for Component 1, the Coursework. This develops their abilities to research in depth and demonstrate an understanding of contemporary fine art practice. It also allows students to create original work that shows personal expression and imagination, and develops an understanding of their own interests within the subject area. Students are encouraged to incorporate their own photography into the research component of the course. Term 3 is spent preparing for the external examination.

Assessment: Art & Design (Fine Art) 9479

Component 1 Coursework	40%	(external assessment)
Component 2 Externally Set Assignment	60%	(external assessment)

A.S. Art & Design (Fine Art Photography)

Recommended Background:

A.S. Level Art & Design (Fine Art Photography) requires skills and knowledge from studying Year 11 Fine Art or Design. Students who have gained lower than a Grade 'C' in IGCSE Art & Design should consult with the Head of Department before entry to the course. Students who have not undertaken any previous Art studies must be competent in using a digital camera and have access to a laptop. Work will be developed using Photoshop, as well as non-digital methods. Subscription to iCloud is preferred at this level. The current cost of the iCloud subscription is approximately \$20.00 per month and this gives students access to the *Photoshop* software programme.

Course Description:

A.S. Level Art and Design (Fine Art Photography) is a course upon which further study in Design at A Level and Tertiary levels is based. In Term 1 students are taught to use their camera in manual mode using both natural and studio lighting. Core classwork is centred on the student's individually chosen theme. Students learn to interpret the work of established artist models and how to use this research to develop their own ideas. This work continues into Term 2 as students fulfil the requirements for Component 1, the Coursework. This develops their abilities to analyse and research in depth and demonstrate an understanding of contemporary photographic practice. It also allows students to create original work that shows personal expression and imagination, and develops an understanding of practical design problems. Term 3 is spent preparing for the external examination.

Assessment: Art & Design (Fine Art Photography) 9479

Component 1 Coursework	40%	(external assessment)
Component 2 Externally Set Assignment	60%	(external assessment)

A.S. Art & Design (Graphic Communication)

Recommended Background:

A.S. Level Art & Design (Graphic Communication) requires skills and knowledge from studying Year 11 Design. Students who have gained lower than a Grade 'C' in IGCSE Art & Design should consult with the Head of Department before entry to the course. Students who have not undertaken any previous Art studies must be competent in using the computer and have access to a laptop. Subscription to iCloud is preferred at this level. The current cost of the iCloud subscription is \$15.00 per month and this gives students access to the *Photoshop* and *Lightroom* software programmes.

Course Description:

A.S. Level Art and Design (Graphic Communication) is a course upon which further study in Design at A Level and Tertiary levels is based. In Term 1 students are taught Design History alongside core classwork centred on the student's individually chosen theme. They are also taught about the main graphic designers who have played a major part in Design's development over the last century. This work continues into Term 2 as students fulfil the requirements for Component 1, the Coursework. This develops their abilities to analyse and research in depth and demonstrate an understanding of contemporary design practice. It also allows students to create original work that shows personal expression and imagination, and develops an understanding of practical design problems. Students are encouraged to incorporate their own illustrations and photography into the research component of the course. Term 3 is spent preparing for the external examination.

Assessment: Art & Design (Graphic Communication) 9479

Component 1	Coursework	40%	(external assessment)
Component 2	Externally Set Assignment	60%	(external assessment)

A2 Art & Design

(Fine Art OR Fine Art Photography OR Graphic Communication)

Recommended Background:

Students taking this course **must** have achieved a good level of competence in A.S. Level Art & Design achieving Grade C or better to proceed to this course of study.

Course Description:

A2 Level Art & Design is a course upon which further study in either Graphic Communication or Fine Art (including Photography) at Tertiary level is based. The aim of the Personal Investigation is for students to investigate in depth a theme, idea, concept or process that is personal to them. There are two parts to the investigation - practical work and written analysis (1000 - 1500). The practical work and written analysis must form an integrated submission.

All Visual Art & Design coursework and examinations will be posted to the U.K. for marking and the cost of this will be passed on to students.

Assessment: Art & Design (Graphic Communication or Fine Art) 9479

Component 1	AS Coursework mark carried forward	25%
Component 2	AS Externally set Assignment mark carried forward	25%
Component 3	Personal Investigation	50%

A.S. Biology

Biology is the study of life. Coupled with technology, it provides fascinating avenues for research into the treatment of human diseases, growth of robust crops and the development of vaccines and therapies. An understanding of our environment and the ways in which humans interact with it is essential for informed decision-making about the future of our planet.

Biology is used in such areas as biotechnology, food science, brewing, dairy and pharmaceutical industries, conservation, plant protection, ecology, aquaculture and fisheries, education, environmental resource management and planning.

Recommended Background:

It is recommended a good pass (Grade 'B' or above) in IGCSE Co-ordinated Science. Students with grades below this level will need to make special application to the Head of Department.

Course Description:

The intention of the syllabus is to provide students with either a stand-alone, in-depth view of some fundamental biological concepts or a good foundation for progress to A Level.

- Cell structure
- Biological molecules
- Enzymes
- Cell membranes and transport
- The mitotic cell cycle
- Nucleic acids and protein synthesis
- Transport in plants
- Transport in mammals
- Gas exchange and smoking
- Infectious disease
- Immunity

Assessment: Biology 9700

The final A.S. grade is based upon 77% external examination and 23% external practical (completed in school):

Paper 1:	Multi-Choice	31%	(external examination)
Paper 2:	Structured Questions	46%	(external examination)
Paper 3:	Practical Paper	23%	(external examination)

A2 Biology

Course Description:

The course consists of a combination of theoretical and practical studies leading to an understanding of more advanced knowledge and principles of Biology. Through well-designed studies of experimental and practical biological science, the course will provide a worthwhile educational experience for all students, whether or not they go on to study science beyond this level.

Recommended Background:

A good pass (Grade 'C' or better) at A.S Level Biology. Students with lower grades will need to make a special application and they will be expected to resit the A.S. examinations, either in the June or November sessions.

- Energy and respiration
- Photosynthesis
- Homeostasis
- Control and co-ordination
- Inherited change
- Selection and evolution
- Biodiversity, classification and conservation
- Genetic technology

Paper 4

This paper will consist of two sections.

- **Section A** will consist of a variable number of structured questions of variable mark value, based on the A2 core and applications syllabus.
- **Section B** will consist of a free-response question, presented in an either/or format, that will carry 15 marks based on the A2 core syllabus. Candidates will answer all questions on the question paper.

Paper 5

This paper will consist of two or more questions based on the practical skills of planning, analysis and evaluation. The examiners will not be restricted by the subject content. Candidates will answer all the questions on the question paper. Questions will require an understanding of the use of statistical tests. The formulae for these tests will be provided. (Full details are given in the Practical Assessment section of the syllabus.)

Assessment: Biology 9700

Papers 1,2,3: Carry forward A.S. mark	50%	
Paper 4: A2 structured questions	38%	(external examination)
Paper 5: Planning, analysis and evaluation	12%	(external examination)

Course Description:

A.S. Business provides a broad perspective of business activity and gives an overview of the different functions undertaken by businesses. It develops a student's understanding of business in the following areas:

- Business and the environment within which it operates
- Marketing decisions
- People in organisations
- Operational management decisions
- Business finance and accounting

A.S. Business will encourage students to develop:

- An understanding of, and appreciation for, the nature and scope of business and its role in society
- Critical understanding of organisations, the markets they serve and the process of adding value
- Awareness that business behaviour can be studied from a range of stakeholders' perspectives, including customer, manager, owner and employee
- Awareness of the economic, environmental, legal, ethical, social and technological issues associated with business
- Decision making and problem solving skills in a business context
- Effective communication skills

A large part of the course involves looking at case studies of business and applying relevant business theory to them. Our Wellington trip includes visits to Trade Me, Weta Workshop and Xero to provide students with practical insight into challenges facing NZ business.

Assessment: Business 9609

Paper 1: Short Answer and Essay	40%	(external examination)
Paper 2: Data Response	60%	(external examination)

A.S. Chemistry

Chemistry is an experimental science that combines academic study with the acquisition of practical and investigative skills. It is called the central science, as chemical principals underpin both the physical environment in which we live and all biological systems. Apart from being a subject worthy of study in its own right, Chemistry is a prerequisite for many other courses in higher education, such as medicine, pharmacy, nursing, veterinary science, chemical engineering and environmental services, and serves as useful preparation for employment.

Course Description:

The course provides students with an opportunity to study both the theoretical and practical aspects of Chemistry, leading to an understanding of the more advanced principles. The course aims to stimulate students to create and sustain their interest in Chemistry, and to understand its relevance to society. Students will be assessed on their ability to demonstrate knowledge and understanding of key concepts, on their ability to handle information and solve problems, and on their experimental and investigative skills.

Recommended Background:

It is recommended a good pass (Grade 'B' or above) in IGCSE Co-ordinated Science. Students with grades below this level will need to make special application to the Head of Department.

Preparation for the A.S. Course

Students will be required to complete some pre-course material to prepare them for the A.S. course. This will allow the transition to A.S. Chemistry from IGCSE Co-Ordinated Sciences to happen smoothly and enable students to access the more challenging material from the outset of the course.

The course is divided into three topics and each topic is divided into sub-topics:

Physical Chemistry	Inorganic Chemistry	Organic Chemistry
i. Stoichiometry and Atomic Structure. ii. States of Matter and Bonding iii. Energetics, Redox, Equilibria and Kinetics	i. Chemical Periodicity ii. Group II iii. Group VII iv. Nitrogen and Sulphur	i. Introduction to Organic Chemistry ii. Hydrocarbons iii. Halogenoalkanes iv. Hydroxy Compounds v. Carbonyl Compounds vi. Analytical techniques

Assessment: Chemistry 9701

The final A.S. grade is based upon 77% external examination and 23% an external practical (completed in school):

Paper 1:	Multi-Choice Core Syllabus	31%	(external examination)
Paper 2:	Structured Questions Core Syllabus	46%	(external examination)
Paper 3:	Advanced Practical Skills	23%	(external examination)

A2 Chemistry

Course Description:

The course provides students with an opportunity to study both the theoretical and practical aspects of Chemistry, leading to an understanding of the more advanced principles.

The course builds upon their learning at A.S. Level Chemistry, developing their depth of understanding and exploring areas in a more contextual manner.

Students will be assessed on their ability to demonstrate knowledge and understanding of key concepts, on their ability to handle information and solve problems, and on their experimental and investigative skills.

Recommended Background:

A good pass (Grade 'C' or better) at A.S. Level Chemistry is required. Students with lower grades will need to make a special application and will be expected to resit the A.S. examinations, either in the June or November sessions.

The course is divided into three topics and each topic is divided into sub-topics:

Physical Chemistry	Inorganic Chemistry	Organic Chemistry
i. Lattice energy and Electrochemistry ii. Equilibria iii. Reaction kinetics iv. Entropy	i. Transition Elements	i. Benzene ii. Carboxylic Acid Derivatives, Nitrogen Compounds and Polymerisation iii. Analytical techniques iv. Organic Synthesis

Assessment: Chemistry 9701

Papers 1,2,3:	Carry forward (or re-sit A.S. mark)	50%	(15.5%, 23%,11.5%)
Paper 4:	Structured Questions	38.5%	(external examination)
Paper 5:	Planning, Analysis, Evaluation	11.5%	(external examination)

A.S. Computer Science

Computer Science is a subject distinct from ICT (Information and Computer Technology). The latter has been taught for many years, improving the skills needed to use applications commonly found in the workplace, such as word processors and spreadsheets. However, as increasing numbers of pupils enter secondary schools with that knowledge learned in primary school, intermediate school or from exposure at home, educational thinking has changed. Computer Science courses deal with the workings of computers, their programming and their application in the work place.

Recommended Background:

Candidates are not required to have studied Computer Science or ICT previously; however some experience of computing would be an advantage.

Course Description:

In 2021, Cambridge will introduce a new syllabus: Computer Science (9618). This will replace the old syllabus (9608).

Pupils will develop an understanding of the fundamental principles of computer science and how computer programs work in a range of contexts. They will study topics including:

- **Information representation:** Data representation, multimedia, and compression
- **Communication:** Networks including the internet
- **Hardware:** Computers and their components, logic gates and logic circuits
- **Processor Fundamentals:** CPU architecture, assembly language, and bit manipulation
- **System Software:** Operating system, and language translators
- **Security, privacy and data integrity:** Data security and data integrity
- **Ethics and Ownership:** Ethics and ownership
- **Databases:** Database concepts, database management system, data definition language, and data manipulation language
- **Algorithm Design and Problem-Solving:** Computational thinking skills, and algorithms
- **Data Types and structures:** Data types and records, arrays, files, and introduction to abstract data types
- **Programming:** Programming Basics, constructs, and structured programming
- **Software Development:** Program development lifecycle, program design, program testing and maintenance

Equipment Requirements:

Pupils are not required to supply their own laptop. However, should they prefer to do so, the laptop will need to use Windows, OSX or Linux as an operating system. (Small tablet-style computers such as iPads and smart phones are not sufficient.) Software required for this course is freely available from the Internet and can be installed at the beginning of the course.

Students will be expected to purchase an approved textbook:

Cambridge International AS and A Level Computer Science by Dave Watson and Helen Williams ISBN 978-1-5104-5759-1

Assessment: AS Level (1st year of A-Level) Computer Science 9618

The final A.S. results are based on two written papers, each of which is worth 50% of the final mark.

Paper 1: Theory Fundamentals (external examination)

Paper 2: Fundamental problem solving and programming skills (external examination)

A.S. Design & Technology (Graphics)

The Cambridge A.S. Design & Technology syllabus enables candidates to identify, consider and solve problems through creative thinking, planning and design, and by working with different media, materials and tools. As a result, students gain technical proficiency and design awareness, and develop skills such as initiative, resourcefulness, enquiry and ingenuity. Students also develop the communication skills central to design making and evaluation.

Recommended Background:

To have completed the IGCSE Design & Technology (Graphics) with a Grade 'C' or better, **or** to have permission from the Head of Department.

Course Description:

The A.S. Level Design & Technology (Graphics) course is an advanced course of study for students who have successfully completed the IGCSE course.

The aims of the A.S. Level Design & Technology (Graphics) syllabus are to enable candidates to develop:

- The ability to be innovative and creative in design and technology and to recognise constraints and produce high quality products
- An awareness of the significance of design and technology to society
- The ability to apply essential knowledge, understanding and skills of design production processes to a range of technological activities and develop an understanding of industrial practices
- The ability to use information and communications technology (ICT), as appropriate, to enhance design and technology capability
- Critical evaluation skills in technical, aesthetic, economic, environmental, social and cultural contexts
- The ability to make informed choices as a discerning consumer
- Positive attitudes of co-operation and citizenship, and the ability to work collaboratively

Assessment: Design & Technology (Graphics) 9705

Component 1	External examination	Component 2	40 – 50 hours coursework
	This is an external written paper which tests knowledge, understanding, product analysis and design. There are 3 sections; in each section candidates answer one question from a choice of three.		This is an internal coursework project which involves an individual design problem and production of a design model.
	Weighted at 60% of total marks		Weighted at 40% of total marks

A2 Design & Technology

This syllabus encourages candidates to be innovative and creative and to develop their ability to design high quality products.

Through their studies, candidates will:

- develop an awareness of the significance of design and technology to society
- learn more about production processes and industrial practices
- develop critical evaluation skills which they can employ in a variety of technical, aesthetic, economic, environmental, social and cultural contexts.

As a result, candidates will also become discerning consumers of design and technology, able to make informed choices.

Recommended Background:

To have completed the A.S. Design & Technology (Graphics) with a Grade 'C' or better.

Course Description:

This course follows on from the A.S. course. Students have the choice of following on from their design from A.S. or starting a completely new project. However, this time they must arrive at a final solution.

Assessment: Design & Technology 9705

Components 1 & 2: carried forward from A.S. Design & Technology – worth 50% of total marks	
Component 3 External examination This is an external written paper which tests design, knowledge and understanding in three focus areas; candidates specialise in one of these areas. There are two sections in this paper. - In Section A candidates answer two structured knowledge application questions from a choice of three on their chosen focus area. - In Section B candidates answer the one design question on their chosen focus area.	Component 4 40 – 50 hours coursework This is an internal coursework project which can either be developed from the Component 2 project or be a completely new project covering Components 2 and 4 in an holistic way.
Weighted at 30% of total marks	Weighted at 20% of total marks

A.S. Economics

Recommended Background:

Open to all students with an interest in economics, although it is preferable to have IGCSE Economics Grade 'C' or better.

Course Description:

The A.S. Economics course is suitable for both Years 12 and 13 students. The course is very useful for those intending to study further in the Commerce area. Economics affects everyone in their daily lives, whether it is deciding to buy a car or to go on an overseas trip. We investigate the actions of consumers and producers and why they behave the way they do. We also look at different systems of allocating scarce resources in an economy – Is it better for the government to control all the resources or is it best left to the freedom of markets?

Economics suits students with both mathematical skills (through logic and models) and students with literary skills (through reasoned essays). It is an excellent choice for students who are considering Commerce/Business/Legal tertiary studies or any course that requires a Table B subject at Auckland University.

The course has proven, over time, to offer excellent preparation for university Economics courses that are compulsory papers for Commerce/Business degrees, giving students an excellent head-start over other students.

Throughout the course, economic models will be analysed and applied to everyday situations. By the end of the course, students will be able to answer the following:

- What is the economic cost of a Covid lockdown?
- Why does President Trump seem willing to risk a trade war with China?
- Do the prices of cigarettes and alcohol reflect the true cost to society?
- How do changing exchange rates affect me (and my trip to Disneyland) and other groups in the economy?
- What is the Reserve Bank of New Zealand trying to achieve by changing interest rates?
- Is it a good idea for New Zealand to sign free trade agreements like the TPPA?
- Is inflation or deflation damaging to a country?

Our Wellington trip, where we visit Treasury, the Reserve Bank, the Commerce Commission and Parliament, is designed to give students a greater appreciation of the government's role in the economy.

Topics studied include:

- Basic Economic Concepts
- Market Failure and Government Intervention
- Macro-Economic Analysis
- The Market and Elasticity
- Trade, inflation and unemployment

Assessment: Economics 9708

Paper 1: Multiple-Choice	40%	(external examination)
Paper 2: Data Response and Essay	60%	(external examination)

A2 Economics

Recommended Background:

Students must have achieved Grade 'C' or above in A.S. Economics.

Course Description:

A2 is a challenging Economics extension course. The programme involves a detailed study of micro and macro-economics. Students are encouraged to read widely around topics under review and are expected to develop excellent written communication skills. Essays are very important at this level and require comprehensive knowledge application of relevant theory and models, together with superior evaluation and analysis skills. This course is recommended for students intending to do further study in the area of commerce.

Topics studied include:

- Economic Efficiency
- The Price System and the Theory of the Firm
- Market Failure and Government Intervention
- Theory and Measurement of the Macro-economy
- Macro-Economic Problems
- Macro-Economic Policies

Assessment: Economics 9708

Papers 1 & 2: Carried forward from A.S. Economics	50%	
Paper 3: Multiple Choice	15%	(external examination)
Paper 4: Data Response and Essays	35%	(external examination)

Year 12 English

Year 12 students must choose between two English courses – AS Language and Literature **OR** AS Literature.

Those students wishing to take A2 English must choose AS Literature.

EITHER **A.S. Language and Literature**

The syllabus aims are to enable students to:

- enjoy the experience of studying English language and reading literature
- communicate effectively, accurately and appropriately in writing
- develop the interdependent skills of reading, analysis and communication
- develop an appreciation of texts in a range of forms and styles produced for a variety of audiences and from different periods and cultures
- build a firm foundation for further study of language and literature.

Cambridge AS Language and Literature in English requires candidates to answer two compulsory papers.

Paper 1: Writing

Candidates answer two questions: one compulsory question from Section A, and one question from a choice of three in Section B.

Externally assessed 50% of the AS Level

Section A: Example of the compulsory question:

Your head teacher has asked you to produce a leaflet called *Leaving Home*. The leaflet will be aimed at older teenagers who are going to live in another town or city to go to university.

(a) Write the text for the leaflet, using no more than 400 words. In your writing, give advice and guidance on how to manage living away from your family for the first time.

(b) Write a reflective commentary on your text, explaining how your linguistic choices contribute to fulfilling the task set by your head teacher.

Section B: Candidates choose one out of three questions. In each question, a specified form of writing will be given. These could include: descriptive writing, narrative writing, magazine article, review, speech, debates, letters, a voice-over for a documentary.

Paper 2: Drama, Poetry and Prose

Candidates answer two questions, each from a different section.

Externally assessed 50% of the AS Level

Texts for 2021:

Prose: *Small Island* by Andrea Levy

Drama: *All My Sons* by Arthur Miller

OR

A.S. English Literature

Recommended Background:

Entry to this course is at the discretion of the Head of Department and Head of College. In general, this will require students to gain a 'D' grade or above in both IGCSE Language and IGCSE Literature.

The aim of this course is for students to develop:

- an appreciation of, and an informed personal response to literature written in English in a range of texts from different periods and cultures
- the skills of reading and analysis of literature
- effective and appropriate written communication

The students study and write essays on three texts (from three genre): Prose, Poetry and Drama. In their essays candidates must show:

- an understanding of the ways in which the writer's choice of form, structure, and language shape meanings
- the ability to write informed, independent opinions and judgements on literary texts
- the ability to communicate clearly knowledge, understanding and insight appropriate to literary study

The three texts are:

Paper 1 – Poetry and Drama:

A collection of Poems 25%
A drama 25%

Paper 2 – Prose and Unseen passage:

A novel 25%
Unseen passage 25%

Students sit two external examinations of two hours each. Each text and unseen passage is assessed through an essay. On the texts, the students will have the choice of responding to an open essay question or responding to a passage-based question. These are closed book examinations.

A2 English Literature

This course aims to:

- enjoy the experience of reading literature
- develop an appreciation of and an informed personal response to literature in English in a range of texts in different forms, and from different periods and cultures
- communicate effectively, accurately and appropriately in written form
- develop the interdependent skills of reading, analysis and communication
- analyse and evaluate the methods writers use in creating meaning and effects
- encourage wider reading and an understanding of how it may contribute to personal development
- build a firm foundation for further study of literature.

Recommended Background:

Students must have completed A.S. English Literature with Grade 'C' or above. An 'A' or 'B' is strongly recommended.

Assessment: Literature in English

In 2021, Advanced Level Candidates carry forward their A.S. English Literature marks as follows:

Paper 43: Poetry and Prose 25% (Carried forward from A.S. Literature)

Paper 44: Drama 25% (Carried forward from A.S. Literature)

and in their A2 English class study -

Paper 3: Shakespeare and Drama 25% (external examination)

Learners study two texts, one Shakespearean and one non-Shakespearean drama.

Paper 4: Pre- and Post-1900 Poetry and Prose 25% (external examination)

Learners study two texts, one Pre-1900 and one Post-1900 text, including Poetry and Prose.

A.S. Geography

Recommended Background:

A Grade 'D' or above at IGCSE Level is required for entry into A.S. Geography.

Course Description:

Geography is concerned with the nature and causes of natural and human phenomena in the environment and the implications of these for resource and environmental management. Geography provides a foundation for understanding and becoming involved vocationally in many of the issues facing New Zealand and the world today, including environmental and resource conservation, urban problems and development, and the implications of atmospheric change. Field trips will complement the programme and consolidate theories learned in the classroom. The wide range of research and presentation skills involved in Geography provides students with a solid foundation for further study and employment in a broad range of vocations.

The A.S. curriculum is divided into six themes which are collectively designed to develop a complex understanding of both the natural and the human environment:

Paper 1: Physical Core

- Hydrology and Fluvial Geomorphology
- Atmosphere and Weather
- Rocks and Weathering

Paper 2: Human Core

- Population
- Migration
- Settlement Dynamics

Assessment: Geography 9696

Paper 1: Core Physical Geography	50% (external examination)
Paper 2: Core Human Geography	50% (external examination)

A2 Geography

Recommended Background:

This course is open to students who have completed A.S. Geography with Grade 'C' or higher.

Course Description:

A2 consists of two papers containing Physical Geography topics and Human Geography topics. These topics are more focussed than the broader overviews given in IGCSE and A.S., concentrating on specific physical environments or cultural processes. Field trips will complement the programme and consolidate theories learned in the classroom. The wide range of research and presentation skills involved in Geography provides students with a solid foundation for further study and employment in a broad range of vocations.

Paper 3: Advanced Physical Options (choose 2 of the following topics)

- Coastal environments
- Tropical environments
- Hazardous environments
- Hot and semi-arid environments

Paper 4: Advanced Human Geography Options (choose 2 of the following topics)

- Environmental management
- Production, location and change
- Global Interdependence
- Economic transition

Assessment: Geography 9696

Papers 1 & 2: Core Physical & Human	50%	(carried forward from A.S. Geography)
Paper 3: Advanced Physical Geography	25%	(external examination)
Paper 4: Advanced Human Geography	25%	(external examination)

Recommended Background:

Students are advised that a Grade 'D' or above at IGCSE Level English or History is required for entry into A.S. History.

Course Description:

History is for students who have an interest in the past and an appreciation of human endeavour by providing a greater knowledge and understanding of historical periods or themes. History builds a greater awareness of historical concepts such as cause and effect, similarity and difference, and change and continuity. As our world becomes more complex and in many ways divided, the study of history can assist with the ability to think independently and make informed judgements on issues, along with allowing an empathy with people living in different places and at different times. The wide range of research and writing skills involved in History provides students with a solid foundation for further study and employment, especially in the Humanities.

The A.S. curriculum has three option line choices. We will be offering the **European Option**.

Component 1 – Liberalism and Nationalism in Italy and Germany, 1815 – 1871

Component 2 – Modern Europe, 1789 – 1917

- France, 1789-1814
- The Russian Revolution, c.1894 - 1917

Assessment: History 9389

Component 1: Document questions (source based) 40% (external examination)

There will be two parts to each question.

Part (a) – Candidates will be expected to consider two sources on one aspect of the material.

Part (b) – Candidates will be expected to use all the sources and their knowledge of the period to address how far the sources support a given statement.

Component 2: Outline study 60% (external examination)

There will be two parts to each question.

Part (a) requires a causal explanation.

Part (b) requires consideration of significance and weighing the relative importance of factors.

A.S. Marine Studies

Recommended Background:

Students are advised that a Grade 'C' or above at IGCSE Co-ordinated Science is required for entry. It would be advantageous, but not compulsory, to have studied IGCSE Geography.

Course Description:

Marine Studies provides a coherent and stimulating introduction to the study of science of the marine environment. The content of the A.S. part of the course concentrates on the scientific study of the sea and its ecosystems. The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts, as well as on the acquisition of knowledge. The course will foster creative thinking and problem-solving skills which are transferable to any future career path.

Marine Studies provides a suitable foundation for the study of Marine Biology or Environmental Science or related courses in higher education. Equally, it is suitable for candidates intending to pursue careers or further study in shipping, fisheries, tourism, the super-yacht industry, aquaculture, environmental studies, or as part of a course of general education.

Practical activities will underpin the teaching of the whole course, taking advantage of the local environment around the Whangaparaoa Peninsula. Students may be asked about practical activities in examination questions, but there is no practical paper or associated coursework.

Students will be required to gain at least **one** qualification beyond the classroom – such as Maritime VHF Radio licences, Powerboat qualifications, Day Skipper.

The A.S. curriculum is divided into the following sections:

- Scientific method
- Marine ecosystems and biodiversity
- Energetics of marine ecosystems
- Nutrient cycles in marine ecosystems
- Coral reefs and lagoons
- Tectonic processes, natural features and events of the ocean
- Physical and chemical oceanography

Assessment: A.S. Marine Sciences 9693

Paper 1:	Structured Questions on A.S. Topics	60 % (external examination)
Paper 2:	Data-handling questions <i>Data may be provided in written, numerical, diagrammatic or graphical forms, or a mixture of these.</i> Two free-response questions <i>Candidates will be required to demonstrate aspects of all topics.</i>	40% (external examination)

Cost

There will be costs associated with this course based on the practical activities involved.

A.2 Marine Studies

Recommended Background:

A Grade 'C' or above in A.S. Marine Science.

Course Description:

The content of the A.S. part of the course concentrates on the scientific study of the sea and its ecosystems, while the A2 part of the course concentrates on human activities that depend on the sea and have an impact on it. The emphasis throughout is on the understanding of concepts and the application of ideas to new contexts, as well as on the acquisition of knowledge. The course will foster creative thinking and problem-solving skills, which are transferable to any future career path.

Practical activities will underpin the teaching of the whole course, taking advantage of the local environment around the Whangaparaoa Peninsula. Students may be asked about practical activities in examination questions, but there is no practical paper and no coursework. The course will involve fieldwork taking advantage of the local environment.

There may be additional costs to the course if excursions are planned to enhance the course content.

The A2 curriculum is divided into the following sections:

- Physiology of marine primary producers
- Aspects of marine animal physiology
- Marine animal reproductive behaviour
- Fisheries management
- Aquaculture
- Human impact on marine ecosystems
- Marine conservation and ecotourism
- Marine biotechnology

Assessment: A2 Marine Sciences 9693

Papers 1 and 2 carried forward from AS Marine Science	50%
Paper 3: Structured Questions on A2 Topics making links with the AS course	30 % (external examination)
Paper 4: Data-handling questions <i>Data may be provided in written, numerical, diagrammatic or graphical forms, or a mixture of these.</i> Two free-response questions <i>Candidates will be required to demonstrate aspects of all topics.</i>	20% (external examination)

A.S. Mathematics

Recommended Background:

Grade 'B' or better in IGCSE Mathematics Extended or with permission from the Head of Department.

Course Description:

Pure 1 Maths Topics	Statistics 1 Topics
<ol style="list-style-type: none"> 1. Quadratics 2. Functions 3. Co-ordinated Geometry 4. Circular Measures 5. Trigonometry 6. Series 7. Differentiation 8. Integration 	<ol style="list-style-type: none"> 1. Representation of Data 2. Permutations and Combinations 3. Probabilities 4. Discrete Random Variables 5. The Normal Distribution

Assessment: Mathematics 9709

Paper 1: P1 Pure 1 Mathematics 60% (external examination)
 Paper 5: S1 Probability and Statistics 1 40% (external examination)

Students intending to progress to Mathematics at A Level **must** take this course.

A2 Mathematics

Recommended Background:

Grade 'C' or better in A.S. Mathematics or permission from the Head of Department. Students will need to have completed the A.S. paper and will do one further paper in Pure Maths (P3) and one in Statistics (S2).

Course Description:

Pure 3 Topics	Stats 2 Topics
<ol style="list-style-type: none"> 1. Algebra 2. Logarithmic and exponential functions 3. Trigonometry 4. Differentiation 5. Integration 6. Numerical solution of equations 7. Vectors 8. Differential equations 9. Complex numbers 	<ol style="list-style-type: none"> 1. Poisson distribution 2. Linear combinations 3. Continuous random variables 4. Sampling and estimation 5. Hypothesis testing

Assessment: Mathematics 9709

Paper 1 & 5: Carried forward from A.S. Mathematics 50%
 Paper 3: Pure 2/3 30% (external examination)
 Paper 6: Statistics 2 20% (external examination)

A.S. Music

Recommended Background:

Students should have completed IGCSE Music to a satisfactory standard and have a high level of performance ability on their musical instrument, and still be having music tuition from an experienced music teacher.

Course Description:

The aim of this course is to provide opportunities for candidates to develop a range of skills, knowledge and understanding in music, embracing creative, interpretative, historical and analytical aspects of the subject. Students should be able to demonstrate:

- an ability to listen attentively and responsively
- understanding of the process at work in music
- an ability to communicate knowledge, understanding and musical insight clearly
- technical and interpretive competence in performing
- musical invention in composing
- an ability to work independently

Assessment: A.S. Music

Component 1: Listening 60% (Externally assessed)

There are three sections in the Listening paper:

- A: Compositional Techniques and Performance Practice
- B: Understanding Music
- C: Connecting Music

Component 2: Practical Music Coursework 40% (Internally assessed and externally moderated)

There are two compulsory elements: performing and composing.

Candidates must complete:

- 6–10 minute performance, and
- two contrasting compositions, 1–2 minutes each

Recommended Background:

Students must have completed the A.S. Music course with a good pass (Grade 'C' or higher) in order to sit A2 Music.

Course Description:

This is a continuation of the A.S. Music course. The aim of this course is to provide opportunities for candidates to develop a further range of skills, knowledge and understanding in music, embracing creative, interpretative, historical and analytical aspects of the subject. Students should be able to demonstrate:

- an ability to listen attentively and responsively
- understand the processes at work in music
- an ability to communicate knowledge, understanding and musical insight clearly
- technical and interpretive competence in performing (depending on options)
- musical invention in composing (depending on options)
- an ability to work independently

Assessment: A2 Music

Component 1:	30% (carried forward from A.S. Music)
Component 2:	20% (carried forward from A.S. Music)

Choose two from components 3, 4 and 5:

Component 3: Extended Performance 25% (externally assessed)

There are two parts to Extended Performance:

- 15–20 minute performance
- 1000–1500 word research report

Component 4: Extended Composition 25% (externally assessed)

There are two parts to Extended Composition:

- 6–8 minute composition
- 1000–1500 word research report

Component 5: Investigating Music 25% (externally assessed)

There are two parts to Investigating Music:

- 2500–3000 word essay
- up to 500 word reflective statement

A.S. Physical Education

Recommended Background

This course is for students who enjoy sport, are interested in human biology and how the body responds during exercise, and the study of skill learning and development theory and practice. The A.S. course is the first year of study of a two year Advanced Physical Education course. It can also be taken as a stand-alone qualification.

Course Description

This course provides students with an opportunity to study both the practical and theoretical aspects of Physical Education. As well as fostering enjoyment in physical activity, it will encourage students to develop an understanding of the interaction between theory and practice by focussing on the performer and performance.

Component 1

This is one written examination consisting of three sections:

Section A: Applied Anatomy and Physiology

Students will gain an in-depth understanding of the skeletal and muscular systems and how these impact on movement. They will also study the cardiac, vascular, and respiratory systems. This topic has a strong biology focus which is useful for those wishing to study health or exercise science.

Section B: Acquiring, Developing and Performing Movement Skills

Students will study theories relating to learning how we control motor movement, as well as aspects of skill acquisition such as memory, feedback, and motivation. This topic has a direct link to performance and coaching.

Section C: Contemporary Studies in Physical Education and Sport

Students will investigate the structure of sport in New Zealand and gain in depth understanding of the various development pathways, aims and objectives of recreation and leisure services, as well as looking at factors affecting global sport and events around the world.

Component 2

This is the A.S. Coursework component, in which students will follow a minimum of two activities from the activity profiles offered. The assessment will take place in conditioned competitive situations. In addition, students will need to produce a written action plan. Students should design, follow and evaluate an action plan for improvement in one of their chosen activities.

Assessment

Paper 1:	Theory	70% (external examination)
Paper 2:	Practical coursework	30% (internally assessed)

Cost

There may be a cost for this course depending upon the practical activities chosen.

A2 Physical Education

Recommended Background

Open to students following on from A.S. Physical Education.

Course Description

This course provides students with an opportunity to study both the practical and theoretical aspects of Physical Education further. Students will analyse how the structure and function of the body changes as a result of exercise, the role of the human mind in physical performance and the impact of global events, in particular the Olympics. Students will also appraise and evaluate their own or others' performance in selected practical activities.

Component 1

This is one written examination consisting of three sections:

Section A: Exercise and Sport Physiology

This unit explores how the human body is controlled during exercise in terms of energy production. Students will learn the biochemical pathways of exercise physiology before looking at different methods of training and how to perform at their best.

Section B: Psychology of Sport Performance

This unit explores the mental side of sports performance. Students will learn theories behind how to control anxiety, be confident, focussed and maintain positive outlooks in victory or defeat. Students will also investigate theories of leadership and group behaviours with specific reference to team sports.

Section C: Olympic Games: A Global Perspective

This unit is a case study of the biggest global sporting event – the Olympics. Students will learn the history of the Games from their Ancient Greek origin and trace the evolution of the modern Olympic Games. They will also explore issues that have impacted upon the Games from politics, racism, terrorism and economic globalisation.

Component 2

This is the coursework component in which students will follow a minimum of two activities from the activity profiles offered. These can be the same activities studied at A.S. level or completely new ones. Students will be assessed in an open environment (Effective Performance). They will be required to evaluate and appreciate a live performance in one of their chosen activities.

Assessment

Papers 1 & 2 carried forward from A.S. Physical Education	50%
Paper 1 (A2): Theory	35% (external examination)
Paper 2 (A2): Practical coursework	15% (internally assessed)

Cost

There may be a cost for this course depending upon the practical activities chosen.

A.S. Physics

A.S. Physics builds on the skills acquired at Cambridge IGCSE (or equivalent) level. The syllabus has been designed to help learners develop not only subject knowledge, but also a strong understanding of some of the key concepts that are critical to mastering the subject.

Universities value learners who have a thorough understanding of key concepts in Physics, an in-depth knowledge of the most important themes in Physics and strong practical skills. Our learners develop lifelong skills of scientific enquiry, confidence in using technology, and communication and teamwork skills.

Key concepts

- Models of physical systems
- Testing predictions against evidence
- Mathematics as a language and problem solving tool
- Matter, Energy and Waves
- Forces and Fields

Recommended Background:

It is recommended a good pass (Grade 'B' or above) in IGCSE Co-ordinated Science. Students with grades below this level will need to make special application to the Head of Department.

Course Description:

The syllabus offers a combination of theoretical and practical studies leading to an understanding of the more advanced principles of Physics. Candidates will be assessed on their ability to demonstrate knowledge and understanding of physical concepts, on their ability to handle information and solve problems, and on their experimental and investigative skills.

The topics covered are:

Physical quantities and units
Measurement techniques
Kinematics
Dynamics
Forces, density and pressure
Work, energy and power
Deformation of solids

Waves
Superposition
Electric fields
Current of electricity
DC circuits
Particle and nuclear Physics

Assessment: Physics

Paper 1:	Multiple Choice	31%	(external examination)
Paper 2:	Structured Questions	46%	(external examination)
Paper 3:	Practical Skills	23%	(external examination)

A2 Physics

A2 Physics builds on the skills acquired at Cambridge IGCSE (or equivalent) level and A.S. Level Physics. The syllabus includes the main theoretical concepts which are fundamental to the subject and sections on current applications of Physics. The emphasis throughout is on the understanding of concepts and the application of Physics ideas in novel contexts, as well as on the acquisition of knowledge. The course encourages creative thinking and problem-solving skills. A Level Physics is ideal for learners who want to study Physics or a wide variety of related subjects at university, or to follow a career in science or Engineering.

Key concepts

- Models of physical systems
- Testing predictions against evidence
- Mathematics as a language and problem solving tool
- Matter, Energy and Waves
- Forces and Fields

Recommended Background:

Students must have completed A.S. Physics with Grade 'C' or above. A student not meeting this standard will need to have permission from the Head of Department and be expected to retake A.S. Physics either in June or November.

Course Description:

The topics covered are:

Motion in a circle	Communication
Gravitational fields	Capacitance
Ideal gases	Electronics
Temperature	Magnetic fields
Thermal properties of materials	Electromagnetic induction
Oscillations	Quantum Physics
Alternating Currents	

Assessment: Physics

Papers 1, 2 & 3: Carried forward from A.S. Physics	50%
Paper 4: Structured Questions	38.5% (external examination)
Paper 5: Practical Skills	11.5% (external examination)

Recommended Background:

This course is open to students who have completed IGCSE English successfully.

Course Description:

This course encourages candidates to appreciate the scale and importance of the travel and tourism industry in the world, and to recognise the positive and negative impacts the industry may have on people, environments and economies.

Candidates learn that the travel and tourism industry is dynamic in nature and how the industry responds to change, e.g. external factors such as changing consumer needs and expectations and developments in ICT.

The course encourages candidates to learn practical and technical skills relevant to the industry, through global case studies, enabling them to deal with a range of complex situations and problems.

This core section of the syllabus is divided into two parts:

- 1) Features of the travel and tourism industry
 - scale of the travel and tourism industry
 - factors affecting tourism
 - structure of the travel and tourism industry
- 2) Principles of customer service in travel and tourism
 - customers and their needs
 - impacts of quality customer service
 - assessing the quality of customer service in travel and tourism organisations

There is a coursework project that is moderated by Cambridge. Candidates have to work as a team to plan, carry out and evaluate a travel or tourism event. They work together but present their written project individually. They must produce a plan for the project and a record of their involvement, including an evaluation of their work.

A field trip programme consolidates theories learned in the classroom, with a trip to several tourism attractions and services sometime in the year.

Equipment Requirements:

Students require their own laptop or tablet for this course.

Assessment: Travel & Tourism 9395

PAPER 1

67% (external examination)

This is a written paper testing the core content of the syllabus. There are four structured questions which require short and extended answers. Each question is based on original stimulus material.

PAPER 2

Coursework project

33% (internal assessment)

This is a coursework project which involves planning and managing a travel and tourism event. Candidates work in a team but present their project individually.

Candidates will be given a travel/tourism event to plan, manage and review (within set boundaries).

**University Entrance:
Entry to New Zealand Universities
'Common Entrance Standard'**

The Common Entrance Standard is the minimum standard which must be met to gain entry to a university in New Zealand. It is laid down by the 'University Vice Chancellors Committee'. It is the standard required for entry to most under-graduate degree programmes in New Zealand.

To meet the common Entrance Standard students must meet three requirements:

- A General subject standard
- A Literacy standard
- A Numeracy standard
-

CAIE – UE Entry : minimum entry requirements

(NB: Some universities have higher entry requirements than others. Students are advised to check carefully with the university of their choice.)

General Subject standards currently require students studying A.S. or A levels to gain a minimum of 130 points on the NZ Cambridge UE Tariff and a minimum grade of **D** in each of at least 3 subjects equivalent to the approved list below.

The Literacy standards requirement – a CAIE student is required to gain a **D** grade or better in an A.S. English course to have satisfied literacy requirements.

The Numeracy standards requirement – a CAIE student is required to gain a **D** grade or better in IGCSE to satisfy numeracy requirements.

NZ Cambridge UE Tariff Charts

The NZ Cambridge UE Tariff scores can be accumulated over one or two years.

		NZ Cambridge UE TARIFF	
Grade	% marks	A.S. Level	A Level
A / A*	80 – 100	60	120
B	70 – 79	50	100
C	60 – 69	40	80
D	50 – 59	30	60
E	40 – 49	20	40
U	Below 40	-	-

The NZ Cambridge UE Tariff score will be accumulated over a maximum of the 6 best subject units.