



Global
Academy

2022 Curriculum Guide

For International GCSE and A-Levels



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General Academic Information

Academic Pathways at Crimson Global Academy

Crimson Global Academy offers Pre-IG, International GCSE, AS and A level courses. Pre-IG courses provide a foundation for the study of International GCSE, which is in turn a preparatory programme for study at AS and AL level.

AS generally takes one year to complete and A levels are studied across two years (1 year of which is the AS course). Generally students progress to AS and A levels in the academic year following their International GCSE results, but you can take them at any age.

Crimson Global Academy will provide a pathway for capable students to progress their studies at a rate most appropriate for them, which potentially could be quicker than other pathways.

People who can help with course advice

All the teaching staff will be able to give advice on the suitability of courses for students. Specific advice about the suitability of subjects choices specific for your tertiary study should be directed to the School Dean.

All students will be given advice about important points to consider when selecting subjects for the following year.

STAFF NAME	POSITION	EMAIL ADDRESS
Mark Vella	Director of Studies	m.vella@cga.school
Tim Smith	Academic Dean	t.smith@cga.school
Kenny Knight	Dean of Pastoral Care	k.knight@cga.school
Andrew Daniel	Associate Principal	a.daniel@cga.school
Bob Fan	Director of University Admissions	b.fan@cga.school

General advice for subject selection

- + Research the career possibilities that interest you.
- + Check the entry requirements for the various universities and their specific courses that interest you.
- + Ask for help if you need it. The people who can help you are listed above.
- + Read the Subject Details in the Senior Course Guide 2022. They include course descriptions, assessment details and recommended background.
- + Choose subjects in which you have the necessary background to be successful (staff will guide you if you are unsure)

Progress to appropriate subjects in 2022

Students will need to have a meeting with the dean to plan their future course of study.

Pearson Edexcel Subject Entry Fees

Crimson Global Academy will advise these for every examination window. There are 3 sessions each year but not all subjects are offered in each examination window.

The fees will include the fee as set by Pearson Edexcel; a school administration fee will be included.

Examination Session Times

All examination sessions are determined by Pearson Edexcel.

The timetable will be published by the school as soon as possible each year.

Note: the examination session may differ from the formal examination timetable issued by Pearson Edexcel due to security issues associated with various time zones. The school will issue a timetable directly to students with these changes.

The school will facilitate all entries, regardless of a student's geographic location.

Students should check their course guide provided on Canvas for the targeted examination window.

Full-time students

Full-time students will need to have their course of study approved by either the Director of Studies, the Associate Principal or the Academic Dean.

Full-time Pre-IG Stage 2 Students:

- + Must study four major core subjects: English, Global Citizenship, Mathematics & Science
- + Must study two minor core subjects: computer Science and PSHE
- + Must attend a weekly, one-hour Form-Time
- + Must be enrolled in at least one extra-curricular activity each term

Full-time International GCSE Students:

- + Must study English Literature or English Language (Language is only available to Greenwich students)
- + Must study Mathematics
- + Must take a Science
- + Are strongly recommended to study a social science or commerce subject
- + Must study at least 5 subjects. Students wishing to study 6 subjects need the approval of the Director of Studies.

Full time AS Level Students:

- + New Zealand-based students must study English Literature
- + Students must choose 4 subjects
- + Students can study 5+ subjects on application to the Principal

Full-time IAL Students:

- + Students must have already passed the relevant AS Level subjects with a grade C or higher.
- + Students should attempt a minimum of 4 AS/AL subjects.
- + If a student wishes only to complete 3 AL subjects, they can make up the required 4th subject with a new AS Level.

Exceptions may be made to cater for individual circumstances.

Making Subject Choices

It is important that you choose your subjects wisely. On the whole, your best choices will be the subjects that you enjoy most and in which you think you are most likely to be successful. However, there are some subjects that are either essential, or at least very important, for some careers. If you have plans at this stage to follow a particular career, you must find out what subjects are needed so that you do not choose an inappropriate combination for your future studies. Things you ought to consider include:

Your level of interest in the subject

Does a subject really interest you? Why? You need to be interested in the subject matter and enjoy the skills involved in it. For example, does it involve extended writing? In addition, take into account how the subject will be assessed. Will there be any coursework or field work?

Your ability in the subject

What are your strengths and weaknesses? Look at your latest school report and be clear about the subjects in which you have been most successful so far and why this is. What skills come more easily to you?

When you are choosing, please bear the following in mind:

Do choose a subject because:

- *You will enjoy it*
- *You have a strong interest in it*
- *You are good at it*
- *It will help you in your future career aspirations and plans*
- *It contributes to a strong mix of subjects*
- *You believe that you will succeed in it*

Do Not choose a subject because:

- *Your friends have chosen it*
- *You think it will be easy*
- *You have been told it involves less work*
- *Relatives or friends tell you to do it without a good reason*
- *You just like your current teacher*
- *You want to do something new for the sake of it*

Pre-IG Programme & Subjects

Pre-IG Programme

The Pre-IG programme is offered at two levels, Stage 1 and Stage 2. It is designed to provide a solid foundation in key subject areas to allow students to successfully progress to a full-time IGCSE programme. Curriculum content is based on Pearson Edexcel International Lower Secondary syllabuses.

- Stage 1 consists of three foundational subjects - English, Mathematics and Science - which are available as part-time courses.
- Stage 2 is a full-time course and is the first year of a four-year curriculum pathway offered by Crimson Global Academy. The course is comprised of:
 - Four major core subjects: English, Global Citizenship, Mathematics and Science. There are four, one-hour classes per week in each subject.
 - Two minor core subjects: Computer Science and PSHE. There are three one-hour classes per week in Computer Science and two, one-hour classes in PSHE.
 - A weekly, one-hour Form-Time
 - An extra-curricular commitment of at least one activity per term

Except for PSHE, all Stage 2 subjects can also be taken as part-time courses.

Pre-IG Course Descriptions

ENGLISH

Stage 1 – English Language

In this programme students will develop the knowledge and skills to read, understand and comment on an anthology of extracts written in English; they will then use their understanding of the form, structure and style of these extracts to create their own texts.

The Pre-IG English Foundation course supports students' vocabulary development through the selected readings studied in class and individual study of recommended short texts that extend and develop similar ideas. Basic language analysis skills will be taught to enable students to identify how writers communicate successfully with readers; students will apply these skills in their own writing, constructing and punctuating sentences and paragraphs for effect.

The main genres covered include:

- Newspaper and magazine articles
- Speeches and letters
- Informative and persuasive writing for advertisements leaflets and brochures

- Creative writing - narrative, descriptive and autobiographical

Stage 2 – English Literature

This programme prepares students for the IGCSE in English Literature, teaching the skills of literary analysis. Students will read four core texts - a modern novel, a modern play, a Shakespeare play and an anthology of poetry - discussing their language, structure, characterisation and the development of themes. Students will learn the terminology of literary criticism and how to structure and write analytical commentaries about extracts from the texts, or essays discussing the development of characters or themes through the whole text.

Potential texts include:

- 'Animal Farm' by George Orwell
- 'The Winslow Boy' by Terence Rattigan
- 'Romeo and Juliet' by William Shakespeare
- A selection of poetry from the 1500s to the present

MATHEMATICS

The International Pre-GCSE Mathematics curriculum provides a strong foundation in mathematics. It reinforces concepts from primary and intermediate mathematics and bridges the gap to higher tier International GCSE Mathematics.

The aims and objectives of the course are to enable students to become fluent in the fundamentals of mathematics; demonstrate detailed understanding of complex mathematical procedures; organise, interpret, and present data; and apply their mathematics to solve problems.

The **Stage 1** Pre-IG course covers eight foundational units with an option of extension for those most able:

- Unit 1 Integers, powers, and roots
- Unit 2 Quadratics and standard form
- Unit 3 Equations and formulae
- Unit 4 Analysing data
- Unit 5 Probability
- Unit 6 Graphs
- Unit 7 Measures
- Unit 8 Graphical solutions and transformations

The **Stage 2** course builds on the knowledge and skills developed in Stage 1 and is organized into four strands which are designed to directly underpin future study, specifically of International GCSE Mathematics Specification A.

- Strand 1: Number Integers; Fractions and decimals; Percentages; Calculation skills, Ratio and proportion; Standard Form
- Strand 2: Algebra Expressions and formulae; equations; Sequences; Graphs; Inequalities

- Strand 3: Geometry Measure; Angles; Symmetry; Transformation; Constructions; Congruence & similarity; Pythagoras' theorem & trigonometry
- Stand 4: Statistics Data; Charts and diagrams; Probability

SCIENCE

The pre-IG course covers aspects of Biology, Chemistry and Physics in order to prepare students for their GSCE and then A-level journey in their chosen discipline(s).

Set over 2 years, **Stage 1** is less content rich, and more skills based. A large emphasis will be placed on making and describing observations and then creating tables and graphs from these. Investigations and research will be an integral part of the course, starting with online activities and then, ideally, in real-life situations. For Biology, this could be in a local park or the backyard; for Chemistry it could be in the kitchen; and for Physics this could be in the living room, backyard or at a playground. The general topics covered include: Organisms and the Environment; Humans and Animals; Plants; Hazards and Safety; Mixtures; Chemical Reactions, the Earth and Our Atmosphere; Energy; Forces and Waves. As much as possible, the mathematical aspects required will coincide with the pre-IG Mathematics course.

In **Stage 2**, many of the skills learnt in stage 1, will be reinforced but with new content and more difficult concepts. Further topics may include: Cells; Living Organisms; Matter; Chemical reactions; The Periodic Table; Rocks; Electricity; Pressure; Earth and Space; Gravity; Light and Magnetism.

COMPUTER SCIENCE

The Pre-IG course will equip students to understand and apply the fundamental principles and concepts of computer science and digital technology. It provides the foundation for successful progression to GCSE Computer Science.

Topics covered include:

- programming in Python 3
- algorithm design and problem-solving
- data representation
- computer hardware, software and networks
- online safety and responsible practices when using technology
- databases, spreadsheets and word processing
- introductory website design and image manipulation

COMMERCE

This course is designed to provide an overview of Economics and Business and financial literacy. Upon completion of the course students will have gained a solid grounding in those subjects and be better positioned to make choices regarding subjects they wish to study at higher levels.

Major units covered:

- Accounting Basics
- Financial Literacy
- Introduction to Economics:
- Introduction to Business

PSHE

PSHE stands for Personal, Social, Health and Economic education. In this programme students will develop the knowledge, skills and attributes they need to manage their lives, now and in the future. It will help them to stay healthy and safe, while preparing them to make the most of life, study and work. PSHE will provide a foundation so that as students enter their final three years of secondary school they understand what they have to do, and when, in order to maximise their chances of gaining admission to a tertiary institution which is the best fit for them individually, and which will provide a pathway to a fulfilling career

Major topic areas covered include:

- Digital Citizenship and Online Safety
- Study and Examination Skills
- Health and Well-being
- University and Career Planning

EXTRA-CURRICULARS

CGA provides an extra-curricular programme that is designed to connect students socially and globally, help develop 'the whole person', and provide students with experiences and skills that may inspire interest and success in future careers.

Most extra-curricular activities take place through clubs which are either teacher or student-led. The vibrant programme offers something for everyone; activities as diverse as 3D Game Development, Model United Nations, Student Newspaper, Dance, e-sport, and Art, just to name a few

International GCSE Subjects

Pearson Edexcel International GCSE — options

Pearson Edexcel International GCSEs are globally recognised qualifications with academic content and assessment designed specifically for international learners.

International GCSEs are part of iProgress, the complete series of Pearson Edexcel academic qualifications for 5 to 19 year-olds. The iProgress family includes: [iPrimary](#), [iLowerSecondary](#), [International GCSE \(IG\)](#), [GCSE](#), [International Advanced level \(IAL\)](#), [GCE A level](#).

About International GCSE Courses

Pearson Edexcel International GCSE (9–1) qualifications are comparable to the UK GCSE, with appropriate international content and assessment that will enable successful progression to A levels. International GCSE courses are designed for international learners. The content is appropriate for learners with international topics and the use of culturally sensitive, local contexts where possible. This ensures that these qualifications are even more relevant and engaging for students around the world by allowing for learning in a local context to a global standard.

General entry criteria for all International GCSE courses

Students will need to demonstrate a proven ability to be successful in this course of study as determined by Crimson Global Academy. Data used could include school reports, competition success or satisfactory entrance test results.

International GCSE Courses offered at Crimson Global Academy

SUBJECT	EDEXCEL CODE	EXAMINATION SESSION	
		Full-time Classes	Part-time Classes
Art and Design	4FA1	May/June 2023	May/June 2023

Biology	4BI1	January 2023	January 2023
Chemistry	4CH1	January 2023	January 2023
Computer Science	4CPO	May/June 2023	May/June 2023
Economics	4EC1	January 2023	January 2023
English Language	4EA1	January 2023	January 2023
English Literature	4ET1	January 2023	January 2023
Geography	4GE1	June 2023	June 2023
French	4FR1	June 2023	June 2023
History	4HI1	May/June 2023	May/June 2023
Mathematics	4MA1	January 2023	January 2023
Physics	4PH1	January 2023	January 2023
Psychology	1PS0	May/June 2023	May/June 2023
Spanish	4SP1	June 2023	June 2023

Art & Design: International GCSE

INTERNATIONAL GCSE ART & DESIGN

School Course Name	International GCSE Art & Design
Edexcel Course Code	4FA1
Recommended Background:	Demonstrated aptitude and ability in Visual Art e.g. portfolio of work. All decisions regarding admission to IG Art & Design will be made in consultation with the school's academic advisors.
Course Description:	Fine art can be defined as work developed primarily to communicate aesthetic, intellectual or purely conceptual ideas and meaning, rather than to serve a practical or commercial function. For example, work could be the outcome of personal experiences, thoughts and feelings, or simply observation and records of people, places and things in new and unique ways. Fine art work will demonstrate an understanding and application of formal elements and creative skills,

	including mark-making. Students will use visual communication sensitively and thoughtfully to document their artistic journey and fully support their intentions.	
	Students develop work in at least one of the following areas of study: drawing, lens/light-based media, mixed media, printing, painting, sculpture	
Component Descriptors	Personal Portfolio	Externally set assignment
Unit code (W):	4FA1/01	4FA1/02
Assessment Overview	<p>All work is internally set and is externally marked</p> <p>Students must submit:</p> <ul style="list-style-type: none"> • three sheets of supporting studies (maximum size A2 for each sheet) • one sheet of final outcome/s (maximum size A2). <p>Students' work must show evidence of all four Assessment Objectives in response to the internally-set theme(s), project(s) or task(s).</p>	<p>All work is externally set and is externally marked</p> <p>Students must submit:</p> <ul style="list-style-type: none"> • three sheets of supporting studies (maximum size A2 for each sheet) • one sheet of final outcome/s (maximum size A2). <p>Students' work must show evidence of all four Assessment Objectives in response to the Externally Set Assignment theme.</p>
Weighting	50%	50%
Assessment Type	Portfolio of student work 72 marks	Assignment, 70 marks
Staff Contact	Mark Vella	m.vella@cga.school

Biology: International GCSE

Biology is a dynamic subject that dominates science coverage in the media.

It addresses key concepts such as how the human body works and how life evolved.

The aim of the Biology department is to instill a desire to understand and question the complexities and workings of the natural world. Biology opens the door to careers in academic research, biotechnology, pharmaceuticals, conservation and environmental monitoring. It is also commonly a prerequisite for potential Medicine, Veterinary and Nursing applications.

INTERNATIONAL GCSE BIOLOGY

School Course Name	Biology International GCSE
Edexcel Course Code	4BI1
Recommended Background:	None required but International GCSE Biology is prerequisite for IAL Biology

Course Description:	International GCSE covers all aspects of biology at a basic level. The breadth of the course means that subjects as diverse as classification to genetic engineering will be taught and tested. The course provides a good foundation for those students who would like to study IAS level Biology.	
Unit code (W):	Paper 1: 4BI1/1B and 4SD0/1B	Paper 2: 4BI1/2B
Assessment Type	Written examination, 2 hour. 110 marks	Written examination, 1hour and 15 minutes., 70 marks
Component descriptors	The nature and variety of living organisms	The nature and variety of living organisms
	Structures and functions in living organisms	Structures and functions in living organisms
	Reproduction and inheritance	Reproduction and inheritance
	Ecology and the environment	Ecology and the environment
	Use of biological resources	Use of biological resources
Weighting	61.1% of the total International GCSE	38.9% of the total International GCSE
Assessment Overview	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.
Staff Contact	Tim Smith	t.smith@cga.school

Chemistry: International GCSE

Chemistry is the study of matter, its properties, how and why substances combine or separate to form other substances, and how substances interact with energy. It is considered the central science as it integrates with both Biology and Physics.

The study of Chemistry allows students to understand the importance of the interactions between molecules at an atomic and subatomic level. The importance of chemistry to slow global warming and build a sustainable world cannot be underestimated.

The study of Chemistry at CGA complements the study of Biology, especially at a senior level, making it compulsory if a student is to pursue a career in Medicine or Veterinary Science. A Level Chemistry is required for Chemical Engineering in many overseas universities.

INTERNATIONAL GCSE CHEMISTRY

School Course Name	Chemistry International GCSE	
Edexcel Course Code	4CH1	
Recommended Background:	None required but International GCSE Chemistry is a prerequisite for IAL Chemistry	
Course Description:	Both papers examine: Principles of Chemistry which includes: states of matter; elements, compounds and mixtures; atomic structure; the Periodic Table; chemical formulae, equations and calculations; ionic, covalent and metallic bonding and electrolysis. Inorganic Chemistry which includes study of: Group 1 and Group 7; gases in the atmosphere; the reactivity series; extraction and uses of metals, acids, alkalis, titrations and salt preparations; chemical tests. Physical Chemistry which includes: energetics; rates of reaction; reversible reactions and equilibria Organic Chemistry which covers: crude oil, alkanes, alkenes, alcohols, carboxylic acids, esters and synthetic polymers.	
Unit code (W):	Paper 1: 4CH1/1C and 4SD0/1C	Paper 2: 4CH1/2C
Assessment type	Written examination, 2 hours. 110 marks	Written examination, 1 hour 15 minutes; 70 marks
Component descriptors	Principles of Chemistry	Principles of Chemistry
	Inorganic Chemistry	Inorganic Chemistry
	Physical Chemistry	Physical Chemistry
	Organic Chemistry	Organic Chemistry
Weighting	61.1% of the total iGCSE	38.9% of the total iGCSE
Assessment overview	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.
Staff Contact	Sheryl Husband	s.husband@cga.school

Computer Science: International GCSE

This course will start July 2022 due to the availability of the examination in May 2023.

Although many students are aware of how computers function at an interactive level, the study of computer science will allow students to gain an in-depth understanding of how hardware, software and networks function.

The course will include an introduction to basic programming at a GCSE level, however whole units are dedicated to different types of programming language at IAS level. The A Level tends to focus more on emerging technology as well as looking at big data. All courses also promote problem-solving and critical-thinking skills, as well as wrestling with the moral questions that Artificial Intelligence brings.

INTERNATIONAL GCSE COMPUTER SCIENCE		
School Course Name	Computer Science International GCSE	
Edexcel Course Code	4CPO	
Recommended Background:	A proven ability to be successful in this course of study as determined by Crimson Global Academy. Data used could include school reports or competition success.	
Course Description:	Students will gain an understanding of algorithms, coding, data storage, computer components, computer networks and an awareness of emerging trends	
Unit code (W):	4CPO/01	4CPO/02
	Principles of Computer Science	Applications of Computational Thinking
Component descriptors	This paper will primarily assess knowledge and understanding of the basic principles of computer science, including some coverage of how these principles are applied when solving problems that relate to a particular situation.	This paper will primarily assess the practical application of computational thinking, whereby learners will create, use and adapt existing algorithms to solve problems in a particular situation. This paper will also test students' knowledge and understanding of the topics.
Assessment Overview	The paper consists of multiple-choice, short open-response, open-response and extended open-response answer questions. • The total number of marks available for the examination paper is 80. • All questions are mandatory.	A choice of three programming languages will be available (Python, C# or Java). The paper consists of multiple-choice, short open-response, open-response, extended open response answer and task-based questions. The task-based questions will be carried out using a computer system under supervision. All other questions requiring a written response will be answered in the paper. All questions are mandatory. A pseudocode reference document will be available for learners to reference during the assessment.
Assessment Type	Written examination, 2 hours. 80 marks	Practical examination, 3 hours. 80 marks
Weighting	50%	50%

Staff Contact	Jenny Smith	j.smith@cga.school
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Economics: International GCSE

The study of Economics gives an excellent grounding in understanding how world markets and economies work and the subsequent impact these have upon individuals. This should help the students think like economists and reflect on the impact of every transaction made globally.

Through the study of Economics students will develop skills, including those relating to analysis, evaluation and quantitative methods. In addition, learners will develop an understanding of the aspects of microeconomics and macroeconomics which are assessed within the qualification in order to develop an enquiring, critical and thoughtful approach to the subject.

As the world's resources are scarce and a sustainable model for our future world is emerging, it is an exciting time to study this subject.

International GCSE Economics provides a good base for those who wish to go on to study IAS Business Studies or IAS Economics.

INTERNATIONAL GCSE ECONOMICS		
School Course Name	Economics IGCSE	
Edexcel Course Code	4EC1	
Recommended Background:	Acceptance by CGA staff	
Course Description:	The market system Business Economics The government and the economy The global economy	
Unit code (W):	4EC1/01	4EC2/01
Components	Microeconomics and business economics	Macroeconomics and the global economy
Assessment Overview	Four compulsory questions, each worth 20 marks. The sub questions are a mixture of multiple-choice, short-answer, data response and open-ended questions.	Four compulsory questions, each worth 20 marks. The sub questions are a mixture of multiple-choice, short-answer, data response and open-ended questions.
Weighting	50%	50%

Assessment Type	Written examination, 1 hour, 30 minutes. 80 marks	Written examination, 1 hour, 30 minutes. 80 marks
Staff Contact	Rebecca Close	r.close@cga.school

English Language: International GCSE

English Language promotes critical reading, the ability to dissect a text and identify how writers guide, shape or manipulate the reader's response. Especially at IAS and A level, but also at GCSE, it requires that students develop independent thinking and research skills to enable an informed understanding of a text, its context and purpose.

Students will interact with short texts drawn from international non-fiction, novels, short stories and poetry, learning how language can inspire, persuade, entertain, and provoke debate or reflection.

This is a course for students who enjoy reading - but not just novels; for students who seek advice and guidance to improve their academic, journalistic and creative writing to a higher level; for students who want to debate current events and discuss global issues.

GCSE English Language offers a structured introduction to language analysis and the 'toolkit' of techniques used by professional writers.

Studying English Language can complement and develop the analytical and writing skills required in other disciplines and the qualification offers an indication of the quality of your communication skills to academic institutions and employers.

INTERNATIONAL GCSE ENGLISH LANGUAGE A

School Course Name	International GCSE English Language A
Edexcel Course Code	4EA1
Recommended Background:	None required but IGCSE English Language A is prerequisite for IAL English Language
Course Description:	<p>The aims and objectives of this qualification are to enable students to:</p> <ul style="list-style-type: none"> · read a wide range of texts fluently, analysing the writers' choices of language techniques and the impact these techniques have on the reader's response · read critically and use knowledge gained from wide reading to inform and improve their own writing · write effectively and coherently using Standard English appropriately · use grammar correctly, punctuate and spell accurately · acquire and apply a wide vocabulary alongside knowledge and understanding of grammatical terminology, and linguistic conventions for reading, writing and spoken language · listen to and understand spoken language, and use spoken Standard English effectively.

	Spoken language will be reported as a separate grade on the student's certificate.	
Component Descriptors	Non-fiction Texts and Transactional Writing	Poetry and Prose Texts and Imaginative Writing
Unit code (W):	EA1/01	EA2/02
Assessment Overview	<p>Section A: Reading – a mixture of short- and long-answer questions related to a nonfiction text from Part 1 of the Pearson Edexcel International GCSE English Anthology and one previously unseen extract. Total of 45 marks.</p> <p>Section B: Transactional Writing – one 45-mark writing task, from a choice of two involving a given audience, form or purpose.</p>	<p>Section A: Reading: one 30-mark essay question on a poetry or prose text from Part 2 of the Pearson Edexcel International GCSE English Anthology.</p> <p>Section B: Imaginative Writing – one 30-mark imaginative writing task from a choice of three</p>
Weighting	60%	40%
Assessment type	Written examination, 2 hours. 15 min 90 marks	Written examination, 1 hour, 30 minutes. 60 marks
Staff Contact	Elise Marlow	e.marlow@cga.school

English Literature: International GCSE

English Literature promotes the fostering of intellectual curiosity, developing written and critical argumentation along with research skills. Especially at IAS and A level, but also at IGCSE, it requires the student to think for one's self and have an opinion.

Students will interact with international fiction, drama and poetry, to be aware of current literary movements and debates. The range of texts derives from the established literary canon.

Although students relish the intellectual challenge of studying Literature, many past students have found that its diverse subject matter has complimented and furthered their understanding of all other academic disciplines. Medical schools increasingly value the skills students gain from studying English as the ability to interpret detail and understand the wider narratives of their patients is a boon. English is also favoured in many industries, including journalism, media and broadcasting, law, publishing, marketing, advertising or politics.

An E grade in English literature at International AS level is required for university entrance in New Zealand.

INTERNATIONAL GCSE ENGLISH LITERATURE

School Course Name English International GCSE

Edexcel Course Code	4ET1	
Course Description:	<p>The study of English helps us understand our world better. It improves our store of vocabulary, sharpens our grasp of the way language is constructed and used, and helps us express our own thoughts clearly. All of these skills lie right at the heart of any academic study.</p> <p>In English, we use texts in order to achieve the above. These texts might be poems, plays, novels or short stories.</p> <p>The iGCSE course consists of the study of four texts. Each text must be read and understood by all students, if you are to have any chance of success. Your teachers will be helping you in this process. In addition, they will help you with the way you write your thoughts, by providing constructive feedback to you.</p>	
Unit code (W):	4ET1/01 Poetry and Modern Prose	4ET1/02 Modern Drama and Literary Heritage Texts
Assessment Overview	<p>Poetry and Prose (a closed book exam with no texts allowed in the exam)</p> <p>3 questions:</p> <p>Question 1. Extract poem – you choose from a poem printed on the exam sheet, or from a named selection</p> <p>Question 2. Unfamiliar poem – you are given a poem you have never seen and are asked to analyse it</p> <p>Question 3. Prose question – choose from 2</p> <p>Poetry: an anthology of 15 from a Pearson Edexcel collection</p> <p>Novel: your teacher will select either: John Steinbeck's <i>Of Mice and Men</i> or Witi Ihimaera's <i>The Whale Rider</i></p>	<p>Drama (an open book exam = authorised, unannotated texts allowed in the exam)</p> <p>2 Questions</p> <p>Shakespeare – you choose from 2 questions</p> <p>Modern drama – you choose from 2 options</p> <p>Plays: Shakespeare's <i>Macbeth</i></p> <p>Arthur Miller's <i>A View from the Bridge</i></p>
Weighting	60%	40%
Assessment type	Written examination, 2 hours. 90 marks	Written examination, 1 hour, 30 minutes. 60 marks
Staff Contact	Elise Marlow	e.marlow@cga.school

French: International GCSE

INTERNATIONAL GCSE FRENCH	
School Course Name	International GCSE French
Edexcel Course Code	4FR1
Recommended Background:	GCSE French is not a course for complete beginners. Students should have studied a lower secondary French course for one to two years and be achieving at between levels A1 and A2 on the Common European Framework of Reference (CEFR) for

	Languages. Decisions regarding admission to IG French will be made in consultation with the school's academic advisors.		
Course Description:	<p>The qualification is designed primarily for students who are studying French in order to enhance their future education or employment prospects. Achievement is broadly equivalent to Levels A2 and B1 of the CEFR. Students at this level are expected to understand the main points of familiar matters regularly encountered in work, school, leisure, etc., and can deal with most situations likely to arise while travelling in an area where the language is spoken. They can produce simple, connected text on topics that are familiar or of personal interest, and can describe experiences and events, dreams, hopes and ambitions, and briefly give reasons and explanations for opinions and plans. Students will be expected to communicate formally and informally in a range of contexts, and to understand a wide range of texts and styles.</p> <p>Five topic areas:</p> <ul style="list-style-type: none"> • Home and abroad • Education and employment • Personal life and relationships • The world around us • Social activities, fitness and health. 		
Component Descriptors	Listening	Reading and Writing	Speaking
Assessment Overview	Seven questions, which are a combination of multiple-choice, multiple-matching, note-taking and gap-fill questions. All five topic areas are assessed.	<p>Section A: Reading Five questions, which are a combination of multiple-choice, note-taking, gap-fill and short-answer questions.</p> <p>Section B: Writing There are two open-response writing tasks and a task that requires writing verbs in their correct forms. Each task in this section is linked to a specific topic area.</p>	The examination is made up of three tasks (A, B and C). Students will present and answer questions on a picture that is related to one of the topic areas. They will also discuss two different topics, chosen at random by Pearson. The assessments are conducted by teachers in one session within a prescribed assessment window. The recordings are then submitted to Pearson for external marking.
Weighting	25%	50%	25%
Assessment Type	External Listening Exam 30 minutes, 40 marks	Written Examination 1 hour 30 minutes, 80 marks	Speaking Test Internally conducted and externally assessed 8-10 minutes, 40 marks
Staff Contact	Mark Vella	m.vella@cga.school	

Geography: International GCSE

Geography is a flexible subject that straddles both the Humanities and Sciences. The Humanities side of the subject focuses on the interactions of the world population with each other and also the environment around them. Geographical Science, however, focuses on the earth itself; including strands of geology, hydrology, volcanology and seismology. The study of geography in the twenty-first century will allow students to critically think about many of the issues facing the world today. Global warming, prediction of volcanic eruptions, mass migration and the impacts of pollution will be taught at all levels across the subject. Geography, combined with science subjects, could lead to the study of oceanography, environmental sciences, geology or volcanology.

Geography, combined with humanities subjects, could lead to the study of economics, law and politics.

INTERNATIONAL GCSE GEOGRAPHY		
School Course Name	Geography International GCSE	
Edexcel Course Code	4GE1	
Recommended Background:	A proven ability to be successful in this course of study as determined by Crimson Global Academy. Data used could include PAT, school reports or competition success.	
Course Description:	River environments Coastal environments Hazardous environments, including fieldwork from one of these topics Economic activity and energy Rural environments Urban environments, including fieldwork from one of these topics Global issues (Fragile environments and climate change, Globalisation and migration, Development and human welfare)	
Unit code (W):	4GE1/01	4GE1/02
Components	Physical Geography	Human Geography
Assessment Overview	Examination consists of two sections. The questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions. Section A Candidates choose two out of three questions on: river environments, coastal environments, hazardous environments. Section B Candidates choose one out of three fieldwork-related questions on: river environments, coastal environments, hazardous environments.	Examination consists of three sections. The questions are a mixture of multiple-choice, short-answer, data-response and open-ended questions. Section A Candidates choose two out of three questions on: economic activity and energy, rural environments, urban environments. Section B Candidates choose one out of three fieldwork-related questions on: economic activity and energy, rural environments, urban environments. Section C Candidates choose one out of three questions on: fragile environments and climate change, globalisation and

		migration, development and human welfare.
Assessment Type	Written examination 1hour, 10 minutes. 80 marks	Written examination 1 hour, 45 minutes. 105 marks
Weighting	40%	60%
Staff Contact	Andrew Karlsberg	a.karlsberg@cga.school

History: International GCSE

History is a diverse subject in which you will study aspects of politics, economics, society and culture to gain an understanding of the past and how it has shaped the modern world. History also provides and enhances a student's ability to evaluate, debate and reason along with teaching the skills required to write a coherent essay; a must for those planning on entering further education.

History is highly a respected subject for those going on to study the Arts and Humanities but can also complement Science-based courses. History provides an excellent background for careers in politics, law, journalism, accountancy, to name but a few.

INTERNATIONAL GCSE HISTORY

School Course Name	History International GCSE	
Edexcel Course Code	4HI1	
Recommended Background:	Acceptance by CGA staff	
Course Description:	The IGCSE History course is made up of four separate topics or units of study: Civil Rights in the USA, The Middle East: Conflict, Crisis & Change, The Rise of Nazism in Germany and The Origins & Course of the First World War. The different units are examined separately and focus on differing Historical skill sets. The wide range of units offered by Edexcel means we can change out topics to suit student interest	
Unit code (W):	Unit 1/Paper 1: 4HI1/01	Unit 2/Paper 2: 4HI1/02
Component descriptors	Paper 1: Unit 3: Germany: Development of Dictatorship, 1918–45 7. Unit 7: A Divided Union: Civil Rights in the USA, 1945–74	Paper 2: Unit 1/A1 The Origins & Course of the WW1, 1905–18. Unit 2/B7 The Middle East: Conflict, Crisis & Change, 1917–2012
Weighting	50%	50%

Assessment overview	Students are assessed through an examination based on their selected depth studies. Students answer two questions, one on each of the depth studies they have studied.	Students are assessed through an examination based on their historical investigation and breadth study in change. Students answer two questions, one question on their historical investigation and one question on their breadth study in change.
Assessment type	Written examination, 1 hour, 30 minutes. 60 marks	Written examination, 1 hour, 30 minutes. 60 marks
Subject Contact	Andrew Kalsberg	a.kalsberg@cga.school

Mathematics: International GCSE

Mathematics: Is the study of numbers, shapes and patterns. It informs many branches of science and commerce. Students will gain an understanding of basic arithmetic and algebraic patterns and their use in solving both real-world and theoretical problems.

Statistics and data science is becoming increasingly important in its application in many industries . Our courses will help prepare you for both further studies in mathematics and provide support for you if you intend to major in many other disciplines.

INTERNATIONAL GCSE MATHEMATICS A

School Course Name	International GCSE Mathematics A	
Edexcel Course Code	4MA1	
Recommended Background:	Performance of above 80% in the Mathematics entrance examination or discussion with the faculty head.	
Course Description:	Students intending to progress to Mathematics at AS Level, must take this course:2 external examinations assessing number, algebra,space, shape and measure and handling data.	
Component Descriptors	Number, Space shape and measure, data handling	Number, Algebra, Space shape and measure, data handling
Unit code (W):	4MA1/1H	4MA1/2H
Assessment Overview	<p>Questions will assume knowledge from the Foundation Tier subject content. Each paper will assess the full range of targeted grades at Higher Tier (9–4).</p> <p>Each paper will have approximately 40% of the marks distributed evenly over grades 4 and 5 and</p>	<p>The paper will consist of around 11–12 questions with varying mark allocations per question, which will be stated on the paper.</p> <p>The paper will contain questions from any part of the specification content, and the solution of any questions may require</p>

	<p>approximately 60% of the marks distributed evenly over grades 6, 7, 8 and 9.</p> <p>There will be approximately 40% of questions targeted at grades 5 and 4, across papers 2F and 2H, to aid standardisation and comparability of award between tiers.</p>	<p>knowledge of more than one section of the specification content.</p> <p>The paper will have approximately 40% of the marks distributed evenly over grades 4 and 5 and approximately 60% of the marks distributed evenly over grades 6, 7, 8 and 9.</p>
Weighting	50%	50%
Assessment Type	Written examination, 2 hours. 100 marks	Written examination, 2 hours. 100 marks
Staff Contact	David Storey	d.storey@cga.school

Physics: International GCSE

Physics is the study of the motion and behaviour of matter as it passes through space and time. It also draws in the related entities of energy and forces in order to gain clarity about how the universe functions.

Students who study Physics will come to understand topics such as nuclear energy, subatomic particles, such as quarks and bosons, forces, waves and electricity. A curiosity about how the universe functions from a subatomic to cosmic level will help students to understand Physics.

Students who want to study Physics above the International GCSE level will certainly be encouraged to study IAS mathematics concurrently as the mathematical requirements for IAS and iAL physics is beyond that of iGCSE level.

Physics is a compulsory requirement for most engineering courses for both domestic and international universities. Physics, however, could also lead to careers in metrology, aeronautical design, nanotechnology and medicine.

INTERNATIONAL GCSE PHYSICS

School Course Name	Physics International GCSE
Edexcel Course Code	4PH1
Recommended Background:	None required but IGCSE Physics is prerequisite for IAL Physics
Course Description:	Both papers cover the following topics: forces and motion (units, movement and position, forces, movement, shape and momentum); electricity (units, mains electricity, energy and voltage in circuits, electric charge); waves (units, properties

	of waves, the electromagnetic spectrum, light and sound); energy resources and energy transfers (units, density and pressure, change of state, ideal gas molecules); solids, liquids and gases (units, density and pressure, change of state, ideal gas molecules); magnetism and electromagnetism, radioactivity and particles (units, radioactivity, fission and fusion); astrophysics (units, motion in the universe, stellar evolution, cosmology).	
Unit code (W):	Paper 1: 4PH1/1P and 4SD0/1P	Paper 2: 4PH1/2P
Assessment type	Written examination, 2 hours. 110 marks	Written examination, 1 hour, 15 minutes. 70 marks
Component descriptors	Forces and motion	Forces and motion
	Electricity	Electricity
	Waves	Waves
	Energy resources and energy transfers	Energy resources and energy transfers
	Solids, liquids and gases	Solids, liquids and gases
	Magnetism and electromagnetism	Magnetism and electromagnetism
	Radioactivity and particles	Radioactivity and particles
	Astrophysics	Astrophysics
Weighting	61.1% of the total iGCSE	38.9% of the total iGCSE
Assessment Overview	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.	A mixture of different question styles, including multiple-choice questions, short-answer questions, calculations and extended open-response questions. A calculator may be used in the examinations.
Staff Contact	Christi Brasher	c.brasher@cga.school

Psychology GCSE

The Edexcel GCSE in Psychology will introduce you to psychological theories and research within the context of real-life issues, focusing on key questions in society and the work of both classic and contemporary psychologists.

You will gain knowledge and understanding of the key approaches within psychology, such as the Cognitive, Biological, Social, Developmental and Behavioural approaches and focus on key topics of interest within each approach, such as memory, the brain, conformity, infant development and psychological problems such as depression and addiction. In addition, you have the opportunity to study two optional topics that investigate

real life applications of psychology, and at CGA we choose to study criminal psychology and sleep. Throughout all topics, there is a focus on developing understanding of research methods used in psychology, with plenty of practicals to build skills in data analysis and interpretation.

By the end of the course you will have a broad understanding of the many areas of psychology, which gives you such valuable insight into your own and other's behaviour, together with a solid academic foundation in psychological research that you can build on with A Level Psychology, which can then support numerous career paths such as health, medicine, business and clinical psychology.

GCSE PSYCHOLOGY		
School Course Name	GCSE Psychology	
Edexcel Course Code	1PS0	
Recommended Background:	None required. Acceptance by CGA staff	
Course Description:	<p>The course consists of 11 topics:</p> <ul style="list-style-type: none"> • Topic 1: Development – How did you develop? • Topic 2: Memory – How does your memory work? • Topic 3: Psychological problems – How would psychological problems affect you? • Topic 4: The brain and neuropsychology – How does your brain affect you? • Topic 5: Social influence – How do others affect you? • Topic 6: Criminal psychology – Why do people become criminals? • Topic 7: The self – What makes you who you are? • Topic 8: Perception – How do you interpret the world around you? • Topic 9: Sleep and dreaming – Why do you need to sleep and dream? • Topic 10: Language, thought and communication – How do you communicate with others? • Topic 11: Research methods – How do you carry out psychological research? 	
Component Descriptors	<p>The content contains three sections:</p> <p>Section A: Compulsory topics:</p> <ul style="list-style-type: none"> • Students must study Topics 1 -5. These topics will be examined in Paper 1. •The contexts in these topics will also be used in Paper 2 for research methods <p>Section B: Optional topics</p> <ul style="list-style-type: none"> •Students must study two of topics 6-10. The optional topics studied at CGA are Topic 6: Criminal Psychology and Topic 9: Sleep and Dreaming. These topics will be examined in Paper 2. <p>Section C: Research methods</p> <ul style="list-style-type: none"> •Students must study topic 11. •The knowledge and understanding of research methods will be assessed in both papers. 	
Unit code (W):	1PS0/01	1PS0/02
Assessment Overview	This paper draws on knowledge and understanding of the compulsory topics from Section A of the content, and investigations from Section C.	<p>Students must answer:</p> <ul style="list-style-type: none"> •All questions from Section A: How do you carry out psychological research? •All questions from two sections – B to F: Optional Topics.

	<p>The paper consists of six sections. Students must answer all questions in each section.</p> <ul style="list-style-type: none"> · The first five sections will contain multiple-choice, short-open and open-response questions. · The sixth section will contain two extended open-response questions. These questions will focus on debates within psychology and the interrelationships between the core areas of psychology. 	<p>This paper contains six sections.</p> <p>The paper will include calculations, multiple-choice, short-open, open-response and extended-writing questions.</p>
Weighting	55%	45%
Assessment Type	Written Examination, 1 hour 45 mins 98 marks	Written Examination, 1 hour 20 minutes 79 marks
Staff Contact	Beth Haresnape	b.haresnape@cga.school

Spanish: International GCSE

INTERNATIONAL GCSE SPANISH			
School Course Name	International GCSE Spanish		
Edexcel Course Code	4SP1		
Recommended Background:	<p>GCSE Spanish is not a course for complete beginners. Students should have studied a lower secondary Spanish course for one to two years and be achieving at between levels A1 and A2 on the Common European Framework of Reference (CEFR) for Languages. Decisions regarding admission to IG Spanish will be made in consultation with the school's academic advisors.</p>		
Course Description:	<p>The qualification is designed primarily for students who are studying Spanish in order to enhance their future education or employment prospects. Achievement is broadly equivalent to Levels A2 and B1 of the CEFR. Students at this level are expected to understand the main points of familiar matters regularly encountered in work, school, leisure, etc., and can deal with most situations likely to arise while travelling in an area where the language is spoken. They can produce simple, connected text on topics that are familiar or of personal interest, and can describe experiences and events, dreams, hopes and ambitions, and briefly give reasons and explanations for opinions and plans. Students will be expected to communicate formally and informally in a range of contexts, and to understand a wide range of texts and styles.</p> <p>Five topic areas:</p> <ul style="list-style-type: none"> · Home and abroad · Education and employment · Personal life and relationships · The world around us · Social activities, fitness and health. 		
Component Descriptors	Listening	Reading and Writing	Speaking

Assessment Overview	Seven questions, which are a combination of multiple-choice, multiple-matching, note-taking and gap-fill questions. All five topic areas are assessed.	<p>Section A: Reading Five questions, which are a combination of multiple-choice, note-taking, gap-fill and short-answer questions.</p> <p>Section B: Writing There are two open-response writing tasks and a task that requires writing verbs in their correct forms. Each task in this section is linked to a specific topic area.</p>	The examination is made up of three tasks (A, B and C). Students will present and answer questions on a picture that is related to one of the topic areas. They will also discuss two different topics, chosen at random by Pearson. The assessments are conducted by teachers in one session within a prescribed assessment window. The recordings are then submitted to Pearson for external marking.
Weighting	25%	50%	25%
Assessment Type	External Listening Exam 30 minutes, 40 marks	Written Examination 1 hour 30 minutes, 80 marks	Speaking Test Internally conducted and externally assessed 8-10 minutes, 40 marks
Staff Contact	Mark Vella	m.vella@cga.school	

AS Subject List

SUBJECT	EDEXCEL CODE	EXAMINATION SESSION	
		Full-time Classes	Part-time Classes
Biology	XB111	October 2022	January 2023
Business	XBS	October 2022	January 2023
Chemistry	XCH11	October 2022	January 2023

Economics	XECT11	October 2022	January 2023
English Language	XEN01	January 2023	January 2023
English Literature	XET01	January 2023	January 2023
Further Mathematics	XFM01	October 2022	January 2023
Geography	XGET11	October 2022	January 2023
History	XH111	October 2022	January 2023
Law	YLA1	June 2023	June 2023
Mathematics	XMA01	October 2022	January 2023
Physics	XPH11	October 2022	January 2023
Psychology	XPS01	October 2022	January 2023

AS Subject Details

Biology: International AS

INTERNATIONAL AS BIOLOGY			
School Course Name	Biology AS Level		
Edexcel Course Code	XB111		
Recommended Background:	Grade 6 or better in Biology IGCSE or permission from the Head of Science.		
Course Description:	The AS Biology Course provides a solid base on which to build a deep understanding of Biology. The course consists of 2 units, examined separately, along with a separate practical examination. The first module covers many of the fundamental components underpinning biology including biochemistry, the heart and circulatory system. The second module covers all aspects of the cell and genetics right up to and including biodiversity.		
Unit code (W):	Unit 1: WB111/01	Unit 2: WB112/01	Unit 3: WB113/01

Subject	Molecules, Diet, Transport and Health	Cells, Development, Biodiversity and Conservation	Practical Skills in Biology I
Weighting	40% of the total IAS; 20% of the total IAL	40% of the total IAS; 20% of the total IAL	20% of the total IAS; 10% of the total IAL
Assessment Type	Written examination, 1 hour, 30 minutes. 80 marks	Written examination, 1 hour, 30 minutes. 80 marks	Written examination, 1 hour, 20 minutes. 50 marks
Staff Contact	Tim Smith	t.smith@cga.school	

Business: International AS

INTERNATIONAL AS BUSINESS		
School Course Name	Business AS Level	
Edexcel Course Code	XBS11	
Recommended Background:	Success in language rich International GCSE courses or equivalent	
Course Description:	Students are introduced to the market, explore the marketing and people functions and investigate entrepreneurs and business start-up. Students also explore the finance and operations functions, and investigate external influences on business.	
Compulsory Units	Marketing and people	Managing Business Activity
Unit code (W):	Unit WBS11/01	Unit WBS12/01
Component requirements	Meeting customer needs · The market · Marketing mix and strategy · Managing people · Entrepreneurs and leaders	Planning a business and raising finance · Financial planning · Managing finance · Resource management · External influences
Assessment overview	Section A: Short- and extended-response questions based on sources (30 marks). Section B: Same format as Section A, based on different sources (30 marks). Section C: One 20-mark essay question, based on one or more sources (20 marks)	Section A: Short- and extended-response questions based on sources (30 marks). Section B: Same format as Section A, based on different sources (30 marks). Section C: One 20-mark essay question, based on one or more sources (20 marks).
Assessment type	Written examination, 2 hours. 80 marks.	Written examination, 2 hours. 80 marks.
Weighting	50%	50%

Staff Contact	Rebecca Close	r.close@cga.school
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Chemistry: International AS

INTERNATIONAL AS CHEMISTRY			
School Course Name	Chemistry AS Level		
Edexcel Course Code	XCH11		
Recommended Background:	Grade 6 or better in Chemistry IGCSE or permission from the Faculty Head. It should be noted that good proficiency in Mathematics is required for this course		
Course description	Structure, Bonding and Introduction to Organic Chemistry Energetics, Group Chemistry, Halogenoalkanes and Alcohols. Practical Skills in Chemistry I		
Compulsory Units	All units are compulsory		
Unit code (W):	Unit 1: WCH11/01	Unit 2: WCH12/01	Unit 3: WCH13/01
Component requirements	Unit 1: Writing formulae and equations with calculations involving the amount of substance; Structure of the atom and links to the Periodic Table; Chemical bonding with links to structures; Introduction to Organic chemistry including alkanes and alkenes. There will be a minimum of 18 marks awarded for Mathematics.	Unit 2: Energetics; Forces between molecules; Redox chemistry; Groups 1, 2 and 7; Introduction to kinetics (rates); Equilibria (reversible reactions); Further Organic chemistry, including alcohols, halogenoalkanes and analysis of spectra. There will be a minimum of 18 marks awarded for Mathematics.	To prepare for Unit 3, students are expected to develop experimental skills, and a knowledge and understanding of experimental techniques, by carrying out a range of practical experiments and investigations while they study Units 1 and 2. This unit will assess students' knowledge and understanding of experimental procedures and techniques that were developed in those units. Students will be expected to apply their knowledge and understanding of practical skills to familiar and unfamiliar situations.
Weighting	40% of the total IAS; 20% of the total IAL	40% of the total IAS; 20% of the total IAL	20% of the total IAS; 10% of the total IAL
Assessment overview	The examination for this paper has two sections Section A: multiple choice questions Section B: a mixture of short-open,	This paper may contain some synoptic questions which require knowledge and understanding from Unit 1. The examination for this paper has three	The examination for this paper is 80 minutes long, with a total of 50 marks. The examination may include short-open, open-response and calculation questions.

	open-response and calculation questions.	sections. Section A: multiple choice questions. Section B: mixture of short-open, open-response, calculations and extended-writing questions. Section C: contemporary context question.	
Assessment Type	Written Examination, 2 hours. 80 marks	Written examination, 75 minutes. 80 marks	Written examination, 80 minutes. 50 marks
Staff Contact	Sheryl Husband	s.husband@cga.school	

Economics: International AS

INTERNATIONAL AS ECONOMICS		
School Course Name	Economics AS Level	
Edexcel Course Code	XEC11	
Recommended Background:	Success in language-rich subjects at International GCSE or equivalent. Mathematics grade 8 or 9 at iGCSE level is required; 20% of the marks assessed in this course are quantitative skills.	
Course Description:	An introduction to the nature of economics, it examines how the price mechanism allocates resources in local, national and global markets. An introduction to the key measures of economic performance and the main objectives and instruments of economic policy in an international context. Students will develop an awareness of trends in the global economy, including a focus on contemporary issues.	
Compulsory Units	Markets in action	Macroeconomics performance and policy
Unit code (W):	Unit WEC11/01	Unit WEC12/01
Component requirements	Content overview: Introductory concepts, Consumer Behaviour and Demand, Supply, Price determination, Market failure, Government intervention in markets	Content overview: Measures of economic performance, AD, AS, National income, Economic growth, Macroeconomic objectives and policies
Assessment Overview	Section A: Six multiple-choice questions (6 marks). Section B: Five short-answer questions (20 marks). Section C: A five-part question, based on data provided in a source booklet (34 marks). Section D: One 20-mark essay question from a choice of two (20 marks).	Section A: Short- and extended-response questions based on sources (30 marks). Section B: Same format as Section A, based on different sources (30 marks). Section C: One 20-mark essay question, based on one or more sources (20 marks).

Assessment Type	Written examination, 1 hour, 45 minute.	Written examination, 1 hour, 45 minutes.
Weighting	50%	50%
Staff Contact	Rebecca Close	r.close@cga.school

English Language: International AS

INTERNATIONAL AS ENGLISH LANGUAGE		
School Course Name	English Language AS Level	
Edexcel Course Code	XEN01	
Recommended Background:	Grade 6 or better in English Language IGCSE or permission from the Faculty Head.	
Course Description:	<p>The International Advanced Level English Language course consists of the two IAS units (Units 1 and 2) plus two IA2 units (Units 3 and 4). Students wishing to take the International Advanced Level must, therefore, complete all four units.</p> <p>The aims and objectives of these qualifications are to enable students to:</p> <ul style="list-style-type: none"> • develop and apply their understanding of the concepts and methods appropriate for the analysis and study of language • explore data and examples of language in use • engage creatively and critically with a varied programme for the study of English • develop their skills as producers and interpreters of language • independently investigate language in use. 	
Component Descriptors	Language: Context and identity	Language in Transition
Unit code (W):	WEN01/01	WEN02/01
Assessment Overview	<p>Students answer two compulsory questions: one question from Section A and one question from Section B.</p> <p>Section A: Context and Identity</p> <ul style="list-style-type: none"> • Students answer a comparative question based on two unseen texts selected from 20th and 21st century sources. • The question focusses on the presentation of identity and how this shaped by various factors. • 35 marks AO1, AO2, AO3 and AO4 assessed. <p>Section B: The Creation of Voice</p>	<p>Students answer two compulsory questions: one question from Section A and one question from Section B based on unseen transcripts. The unseen transcripts are presented in a Source Booklet for students.</p> <p>Section A: Spoken language Today</p> <ul style="list-style-type: none"> • Students answer one question on an unseen transcript of spoken English of the 21st century. • 25 marks, AO1 and AO4 are assessed. <p>Section B: Written Language of the 19th–20th Century</p> <ul style="list-style-type: none"> • Students answer one discussion question using unseen transcripts and

	<ul style="list-style-type: none"> Students create a new text for a specified audience, drawing on their own ideas and on at least one of the unseen texts from Section A. 15 marks, AO5 is assessed. 	<p>their own knowledge that look at the issue highlighted in Section A from a wider perspective.</p> <ul style="list-style-type: none"> 25 marks, AO2 and AO3 are assessed.
Weighting	50%	50%
Assessment Type	Written Examination, 1 hour 45 mins 50 marks	Written Examination, 1 hour 45 mins 50 marks
Staff Contact	Elise Marlow	e.marlow@cga.school

English Literature: International AS

INTERNATIONAL AS ENGLISH LITERATURE

School Course Name	English Literature AS Level
Edexcel Course Code	XET01
Recommended Background:	Grade 6 or better in English Literature IGCSE or permission from the Faculty Head.
Course Description:	<p>The study of English helps us understand our world better. It improves our store of vocabulary, sharpens our grasp of the way language is constructed and used, and helps us express our own thoughts clearly. All of these skills lie right at the heart of any academic study.</p>
	<p>In English, we use texts in order to achieve the above. These texts might be poems, plays, novels or short stories.</p>
	<p>At AS, we build on the skills honed at International GCSE. The study of texts is more detailed, and we expect a deeper understanding of the text and the way it has been written. We now expect you to begin to see works of literature from different perspectives.</p>
	<p>A pass at AS is required as the Literacy component for entry to a New Zealand university.</p>
	<p>The AS course consists of the study of four texts. Each text must be read and understood by all students, if you are to have any chance of success. Your teachers will be helping you in this process. In addition, they will help you with the way you write your thoughts, by providing constructive feedback to you.</p>

Compulsory Units	Poetry and prose	Plays
Unit code (W):	WET01/01	WET02/01
Component requirements	Poetry and Prose (an open book exam = authorised, unannotated texts are allowed in the exam)	Unit 2: Drama (an open book exam = authorised, unannotated texts allowed in the exam)
	2 questions:	2 questions:
	Poetry – you select one of two questions and write a comparison of two poems of your choice	Shakespeare – you choose from 2 questions
	Prose – you select one of two questions	Modern drama – you choose from 2 options
Weighting	50%	50%
Assessment Type	Written examination, 2 hours. 50 marks	Written examination, 2 hours. 50 marks
Staff Contact	Elise Marlow	e.marlow@cga.school

Geography: International AS

INTERNATIONAL AS GEOGRAPHY		
School Course Name	Geography AS Level	
Edexcel Course Code	XGE01	
Recommended Background:	Sound success in International GCSE courses or equivalent	
Course Description:	<p>Students will investigate key global issues facing people in a range of countries at different levels of development. World at Risk is focused on physical geography and people–environment interactions, whereas Going Global is human geography in focus.</p> <p>Crowded Coasts involves a detailed study of the physical processes and systems in coastal environments. Urban Problems, Planning and Regeneration considers the challenges of living and working in cities, where the majority of the world's population now live. Both of these topics have a local focus, which should be reinforced through the use of local geographical investigations.</p>	
Unit code (W):	WGE01/01 Global Challenges	WEG01/02 Geographical Investigations
Component requirements	Topic 1: World at Risk Topic 2: Going Global	Topic 1: Crowded Coasts Topic 2: Urban Problems, Planning and Regeneration

Assessment overview	Students must answer all questions in Section A and one question in Section B. Section A consists of data response and short-answer questions. Section B makes use of students' own ideas and consists of a choice of Topic 1: World at Risk or Topic 2: Going Global longer/guided essay questions.	Section A: Data response and short-answer questions on Topics 1 and 2: Crowded Coasts and Urban Problems, Planning and Regeneration. Section B: Compulsory short-answer questions on research and fieldwork investigation. Section C: Choice of one fieldwork question, on either Topic 1: Crowded Coasts or Topic 2: Urban Problems, Planning and Regeneration.
Weighting	60%	40%
Assessment Type	Written examination, 1 hour, 45 minutes. 90 marks	Written examination, 1 hour, 30 minutes. 60 marks
Staff Contact	Andrew Karlsberg	a.karlsberg@cga.school

History: International AS

INTERNATIONAL AS HISTORY		
School Course Name	History AS Level	
Edexcel Course Code	XHI01	
Recommended Background:	Grade 4 or above in History IG or equivalent or permission from Faculty Head.	
Course Description:	The AS/IAL History course is made up of four separate topics, or units of study, with two completed for AS and a further two for IAL. Core content will cover either France or Russia in Revolution for Unit 1 and India, from The Raj to Partition for Unit 2. The different units are examined separately and focus on differing historical skill sets. The wide range of units offered by Edexcel means we can change out topics to suit student interest	
Unit code (W):	Unit WHI01/01	Unit WHI02/01
Component requirements	Paper 1: Russian in Revolution 1881-1917	Paper 2: India, 1857–1948: The Raj to Partition * Dependant of staff specialism
Assessment overview	Students must answer two 25-mark essay questions from a choice of four. Essay questions assess understanding of the period in depth (AO1) and the ability to analyse and evaluate historical interpretations (AO3).	Students answer two questions: one from Section A and one from Section B. A source booklet is provided for Section A. Section A comprises one compulsory question in two parts, which assesses the ability to analyse and evaluate two sources (AO2). Section B

		comprises a choice of three essays, which assess understanding of the period in depth (AO1).
Weighting	50%	50%
Assessment Type	Written examination, 2 hours. 50 marks	Written examination, 2 hours. 50 marks
Staff Contact	Andrew Karlsberg	a.kalsberg@cga.school

Law: International A Level

This syllabus is currently only available via Greenwich campus.

The IAL Law qualification is taught over two years. There is no separate AS component. Students must complete both written examination papers in the same examination series at the completion of their two-year course of study.

INTERNATIONAL A LEVEL LAW

School Course Name	Law Advanced Level	
Edexcel Course Code	YLA1	
Recommended Background:	Grade 5 or higher in language rich International GCSE courses or equivalent	
Course Description:	<p>The aims and objectives of this course are to enable students to:</p> <ul style="list-style-type: none"> · develop a sound understanding of the nature of law and appreciate the role of law in society · understand the importance of legal institutions and their relationship to other institutions in society · understand the various branches of law in order to give a fuller picture of the role of law · develop knowledge of the sources of law, in particular statutes and cases, and of how these are applied to the determination of disputes · develop an analytical and critical approach to the application of legal principles · understand the appropriateness of dealing with certain aspects of behaviour within the law. 	
Component Descriptors	Underlying Principles of Law and the English Legal System	The Law in Action
Unit code (W):	YLA1/01	YLA1/02
Component Content	<ul style="list-style-type: none"> · The nature and purpose of law · Legal theories are introduced which help develop an understanding of 	<ul style="list-style-type: none"> · The overlap between civil and criminal outcomes from the same event · Separate legal consequences of activities · The application of legal principles

	<p>the role, function and benefits of law in society</p> <ul style="list-style-type: none"> • Concepts of justice and morality are compared with law both in England and elsewhere • Parliamentary and judicial law making • How legal disputes are resolved by a range of people involved in that process • The effectiveness, impact and costs of the law 	<ul style="list-style-type: none"> • Outcomes in dispute resolution in decided cases and statutes • The contrast in the use of law is explored through different contexts <p>Focus on the following:</p> <ul style="list-style-type: none"> • The role of contract law in facilitating and regulating market economies • The role of criminal law in dealing with offences against people and property • The role of common law and Human Rights law in protecting individuals from injustice
Assessment Overview	This paper consists of short open-response, open-response and extended open-response questions. Candidates must answer all five questions, each worth 20 marks.	This paper consists of short open-response, open-response and extended open-response questions. Candidates must answer all five questions, each worth 20 marks.
Weighting	50%	50%
Assessment Type	Written Examination, 3 hours, 100 marks	Written Examination, 3 hours, 100 marks
Staff Contact	Samuel Yates	s.yates@cga.school

Mathematics: International AS

INTERNATIONAL AS MATHEMATICS

School Course Name	Mathematics AS Level		
Edexcel Course Code	XMA01		
Recommended Background:	Grade 6 or better in Mathematics International GCSE or permission from Faculty Head		
Course Description:	Students intending to progress to Mathematics at A Level, must take this course: Pure Mathematics topics Algebra, Calculus, Coordinate Geometry, Sequences and Series, Trigonometry. Statistics topics Data Representation, Introduction to Expectation Algebra, Correlation and Regression, Normal Distribution		
Compulsory Units	P1: Pure 1	P2: Pure 2	S1: Statistics 1
Unit code (W):	WMA11	WMA12	WST01
Component descriptors	Mathematics: Pure Maths P1 Algebra and functions;	Mathematics: Pure Maths P2 Proof; algebra and functions; coordinate geometry	Mathematics: Statistics S1 Mathematical models in probability and statistics;

	coordinate geometry in the (x, y); trigonometry; differentiation; integration.	in the (x, y) plane; sequences and series; exponentials and logarithms; trigonometry; differentiation; integration.	representation and summary of data; probability; correlation and regression; discrete random variables; discrete distributions; the Normal distribution.
Assessment overview	Students must answer all questions.		
Weighting	33 ⅓ %	33 ⅓ %	33 ⅓ %
Assessment Type	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks
Staff Contact	David Storey	d.storey@cga.school	

Further Mathematics: International AS

The initial pathway to a Further Mathematics AS is to complete IG Mathematics to the highest level. In order to gain an IAS in Further Mathematics students must also gain an IAS in Mathematics. For most students, this means that it is necessary to study Mathematics and Further Mathematics concurrently. Therefore students who wish to study IAS Further Mathematics must also select IAS Mathematics. It is recommended that students who are considering studying IAS Further Mathematics discuss their suitability with their iGCSE Mathematics teacher or the Head of Mathematics. All decisions regarding admission to IAS Further Mathematics will be made in consultation with the school's academic advisors.

INTERNATIONAL AS MATHEMATICS

School Course Name	Further Mathematics AS Level
Edexcel Course Code	XFM01
Recommended Background:	Grade 8 or better in Mathematics International GCSE or permission from Faculty Head
Course Description:	Students intending to progress to Further Mathematics at A Level, must take this course in conjunction with AS Mathematics. Further Pure 1 will

	build on units Pure 1 and Pure 2 which are studied in AS Mathematics. The balance of the course is made of two Mechanics units.		
Compulsory Units	FPI: Pure 1	M1: Mechanics 1	M2: Mechanics 2
Unit code (W):	WFM01/01	WME01/01	WME02/01
Component descriptors	Complex numbers; roots of quadratic equations; numerical solution of equations; coordinate systems; matrix algebra; transformations using matrices; series; proof.	Mathematical models in mechanics; vectors in mechanics; kinematics of a particle moving in a straight line; dynamics of a particle moving in a straight line or plane; statics of a particle; moments.	Kinematics of a particle moving in a straight line or plane; centres of mass; work and energy; collisions; statics of rigid bodies.
Assessment overview	Students must answer all questions.		
Weighting	33 ⅓ %	33 ⅓ %	33 ⅓ %
Assessment Type	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks
Staff Contact	David Storey	d.storey@cgga.school	

Physics: International AS

INTERNATIONAL AS PHYSICS			
School Course Name	Physics AS Level		
Edexcel Course Code	XPH11		
Recommended Background:	Grade 6 or better in Physics IGCSE, as well as grade 5 in IGCSE Mathematics, or permission from the Faculty Head.		
Course Description:	Mechanics, materials, waves, electricity are studied enabling a strong development of practical skills		
Compulsory Units	All units are compulsory		
Unit code (W):	Unit 1: WPH11/01	Unit 2: WPH12/01	Unit 3: WPH13/01
Component requirements	Mechanics (rectilinear motion, forces, energy and power and may be studied using applications that	Waves and the particle nature of light: This topic may be studied using applications that relate to electricity, for	Students will be assessed on their ability to plan an experiment. Students are expected to develop

	<p>relate to mechanics such as sports) Materials (density, flow of liquids, Hooke's law, the Young modulus and elastic strain energy) This topic is studied using a variety of applications, for example making and testing food, engineering materials, spare-part surgery for joint replacement. The unit includes many opportunities for developing experimental skills and techniques by carrying out more than just the core practical experiments. The examination for this unit may include multiple-choice, short-open, open-response, calculations and extended-writing questions. There will be a minimum of 32 marks awarded for mathematics.</p>	<p>example space technology and to waves, for example medical physics. This topic also enables students to develop practical and mathematical skills. It also covers the properties of different types of waves, including standing waves. Refraction, polarisation and diffraction are also included and the wave/particle nature of light. Electric currents: This topic covers the definitions of various electrical quantities. It will be studied using applications such as space technology. The examination for this unit may include multiple-choice, short-open, open-response, calculations and extended-writing questions. There will be a minimum of 32 marks awarded for mathematics.</p>	<p>experimental skills, and a knowledge and understanding of experimental techniques. This unit will assess students' knowledge and understanding of experimental procedures and techniques that were developed when they conducted these experiments. . The examination for this unit may include short-open, open-response, calculations and extended-writing questions. There will be a minimum of 20 marks awarded for mathematics.</p>
Weighting	40% of the total IAS; 20% of the total IAL	40% of the total IAS; 20% of the total IAL	20% of the total IAS; 10% of the total IAL
Assessment Type	Written examination, 1 hour, 30 minutes. 80 marks	Written examination 1, hour, 30 minutes. 80 marks	Written examination, 1 hour, 20 minutes. 50 marks
Staff Contact	Christi Brasher	c.brasher@cga.school	

Psychology: International AS

INTERNATIONAL AS PSYCHOLOGY	
School Course Name	Psychology AS Level
Edexcel Course Code	XPS01
Recommended Background:	Grade 5 or above in 3 International GCSE subjects or equivalent
Course Description:	Unit 1:

	<p>Social Psychology: students will study why people may blindly obey an order from an authority figure and the affects others have on behaviour, including majority and minority influence.</p> <p>Cognitive Psychology: students will learn theories and studies regarding how short and long-term memories are processed and how memories may become distorted. Students will also learn about the influence of brain injury on memory.</p> <p>Unit 2:</p> <p>Biological Psychology: students will study biological factors that affect the development of aggression such as the role of different brain areas, hormones and genetics, including the brain abnormalities of murderers. Additionally, students will learn about the regulatory effects of body rhythms, such as the sleep-wake cycle, and how they influence behaviour.</p> <p>Learning Theories and Development: students will study the influence of the environment on behaviour, including classical and operant conditioning, and how this knowledge is used successfully in therapy. Additionally, students will learn about Freud's psychosexual stages and the role of the unconscious in the development of personality.</p> <p>Throughout the course there is an emphasis on how science works, including statistical analysis and research methods.</p>	
Unit code (W):	Unit 1: WPS01/01	Unit 2: WPS02/01
Components	Social and Cognitive psychology	Biological psychology, Learning theories and Development
Assessment Overview	<p>Students answer all questions from three sections:</p> <p>Section A: Social psychology, totals 26 marks and comprises short-answer questions and one eight-mark extended open-response question.</p> <p>Section B: Cognitive psychology, totals 26 marks and comprises short-answer questions and one eight-mark extended open-response question.</p> <p>Section C: Comprises one 12-mark extended open-response question on either social or cognitive psychology.</p>	<p>Students answer all questions from three sections:</p> <p>Section A: Biological psychology, totals 34 marks and comprises short-answer questions and one eight-mark extended open-response question.</p> <p>Section B: Learning theories and development, totals 34 marks and comprises short answer questions and one eight-mark extended open-response question.</p> <p>Section C: Comprises one 12-mark and one 16-mark extended open-response question. The 12-mark question covers either biological psychology or learning theories and development and the 16-mark question covers both biological psychology, and learning theories and development.</p>
Assessment Type	Written examination 1hour, 30 minutes. 64 marks	Written examination 2 hours. 96 marks
Weighting	40%	60%



Staff Contact

Beth Haresnape

b.haresnape@cga.school

A-Level Subject List

SUBJECT	EDEXCEL CODE	EXAMINATION SESSION	
		Full-time Classes	Part-time classes
Biology	YBI11	October 2022	January 2023
Business	YBS11	October 2022	January 2023
Chemistry	YCH11	October 2022	January 2023

Economics	YEC11	October 2022	January 2023
English Language	YEN01	January 2023	January 2023
English Literature	YET01	January 2023	January 2023
Further Mathematics	YFM01	January 2023	January 2023
Geography	YGE01	October 2022	January 2023
History	YHI11	October 2022	January 2023
Mathematics	YMA01	October 2022	January 2023
Physics	YPH11	October 2022	January 2023

Biology: A Level

INTERNATIONAL A LEVEL BIOLOGY

School Course Name	Biology A Level		
Edexcel Course Code	YBI11		
Recommended Background:	C grade in AS Biology units		
Course Description:	This qualification consists of six externally-examined units. The International Advanced Level consists of the three IAS units (Units 1, 2 and 3) plus three IA2 units (Units 4, 5 and 6). Students wishing to take the International Advanced Level must, therefore, complete all six units.		
Compulsory Units	Energy, Environment, Microbiology and Immunity	Respiration, Internal Environment, Coordination and Gene Technology	Practical Skills in Biology II
Unit code (W):	WBI14/01	WBI15/01	WBI16/01

Component requirements	· Energy Flow, Ecosystems and the Environment · Microbiology, Immunity and Forensics	Respiration, Muscles and the Internal Environment · Coordination, Response and Gene Technology	Students are expected to develop further the experimental skills and the knowledge and understanding of experimental techniques they acquired in Units 1 and 2, by carrying out a range of practical experiments and investigations while they study Units 4 and 5. This unit will assess students' knowledge and understanding of the experimental procedures and techniques that were developed in Units 1, 2, 4 and 5.
Weighting	20%	20%	10%
Assessment Type	Written examination 1 hour 45 minutes 90 marks	Written examination 1 hour 45 minutes 90 marks	Written examination 1 hour 20 minutes 50 marks
Staff Contact	Tim Smith	t.smith@cga.school	

Business: International A Level

INTERNATIONAL A LEVEL BUSINESS	
School Course Name	Business A Level
Edexcel Course Code	YBS11
Recommended Background:	C grade in AS Business units
Course Description:	<p>International Advanced Level Business consists of the two IAS units (Units 1 and 2) plus two IA2 units (Units 3 and 4).</p> <p>Students develop an understanding of current global issues that impact on business, preparing them for their next steps in today's global world. Students are encouraged to contextualise theory and respond to real-life international business case studies and stimulus material.</p> <p>The IA2 units progress from functions to strategy, enabling students to develop their understanding of the core concepts and to take a strategic view of business opportunities and issues. Students analyse corporate objectives and strategy against financial and non-financial performance measures and how businesses grow, and develop an understanding of the impact of external influences. The unit</p>

	also covers the causes and effects of change and how businesses mitigate risk and uncertainty. Students develop an understanding of the globally competitive environment and consider the ethical and moral dimensions of global business activities.	
Component Descriptors	Business decisions and strategy	Global business
Unit code (W):	WBS13/01	WBS14/01
Component Content	<ul style="list-style-type: none"> • Business objectives and strategy • Business growth • Decision-making techniques • Influences on business decisions • Assessing competitiveness • Managing change 	<ul style="list-style-type: none"> • Globalisation • Global markets and business expansion • Global marketing • Global industries and companies (multinational corporations)
Assessment overview	<p>Section A: Short & extended-response questions, based on sources (40 marks).</p> <p>Section B: One 20-mark essay question, based on one or more sources (20 marks).</p> <p>Section C: One 20-mark essay question, based on one or more sources (20 marks).</p>	<p>Section A: Short and extended-response questions, based on sources (40 marks).</p> <p>Section B: One 20-mark essay question, based on one or more sources (20 marks).</p> <p>Section C: One 20-mark essay question, based on one or more sources (20 marks)</p>
Assessment type	Written examination, 2 hours. 80 marks.	Written examination, 2 hours. 80 marks.
Weighting	25%	25%
Staff Contact	Rebecca Close	r.close@cga.school

Chemistry: International A Level

INTERNATIONAL A LEVEL CHEMISTRY

School Course Name	Chemistry A Level		
Edexcel Course Code	YCH11		
Recommended Background:	C grade in AS Chemistry units		
Course Description:	The International Advanced Level consists of the three IAS units (Units 1, 2 and 3) plus three IA2 units (Units 4, 5 and 6). Students wishing to take the International Advanced Level must, therefore, complete all six units.		
Compulsory Units	Rates, Equilibria and Further Organic Chemistry		

Unit code (W):	WCH14/01	WCH15/01	WCH15/01
Component requirements	Kinetics · Entropy and Energetics · Chemical Equilibria · Acid-base Equilibria · Organic Chemistry: Carbonyls, Carboxylic Acids and Chirality	Redox Equilibria · Transition Metals and their Chemistry · Organic Chemistry: Arenes · Organic Nitrogen Compounds: Amines, Amides, Amino Acids and Proteins · Organic Synthesis	Students are expected to develop further the experimental skills and the knowledge and understanding of experimental techniques that they acquired in Units 1 and 2 (tests for anions and cations, gases and organic functional groups) by carrying out a range of practical experiments and investigations while they study Units 4 and 5. This unit will assess students' knowledge and understanding of the experimental procedures and techniques that were developed in Units 4 and 5.
Weighting	20%	20%	10%
Assessment Type	Written examination 1 hour 45 minutes 90 marks	Written examination 1 hour 45 minutes 90 minutes	Written examination 1 hour 20 minutes 50 marks
Staff Contact	Sheryl Husband	s.husband@cga.school	

Economics: International A Level

INTERNATIONAL A LEVEL ECONOMICS

School Course Name	Economics A Level
Edexcel Course Code	YEC11
Recommended Background:	C grade in AS Economics units
Course Description:	<p>International Advanced Level Economics consists of the two IAS units (Units 1 and 2) plus two IA2 units (Units 3 and 4).</p> <p>The IA2 units develop the knowledge and skills gained in iAS. Students will analyse and evaluate the pricing and output decisions of firms in different contexts, and understand the role of competition in business decision making. They should also be capable of making an appraisal of government intervention aimed at promoting competitive markets.</p> <p>The application, analysis and evaluation of economic models is developed, as well as an ability to assess policies that might be used to deal with economic problems. Students will build an awareness of trends in the global economy over the last 40 years, including contemporary issues.</p>

Compulsory Units	Business Behaviour	Developments in the global economy
Unit code (W):	WEC13/01	WEC14/01
Component Descriptors	<ul style="list-style-type: none"> • Types and sizes of businesses • Revenue, costs and profits • Market structures and contestability • Labour markets • Government intervention 	<ul style="list-style-type: none"> • Causes and effects of globalisation • Trade and the global economy • Balance of payments, exchange rates and international competitiveness • Poverty and inequality • The role of the state in the macroeconomy • Growth and development in developing, emerging and developed economies
Assessment Overview	<p>Section A: Six multiple-choice questions (6 marks).</p> <p>Section B: A five-part question, based on data provided in a source booklet (34 marks).</p> <p>Section C: Two 20-mark essay questions from a choice of three (40 marks).</p>	<p>Section A: Six multiple-choice questions (6 marks).</p> <p>Section B: A five-part question, based on data provided in a source booklet (34 marks).</p> <p>Section C: Two 20-mark essay questions from a choice of three (40 marks).</p>
Assessment type	Written examination, 2 hours. 80 marks.	Written examination, 2 hours. 80 marks.
Weighting	25%	25%
Staff Contact	Rebecca Close	r.close@cga.school

English Language: International A Level

INTERNATIONAL A LEVEL ENGLISH LANGUAGE

School Course Name	English Language A Level	
Edexcel Course Code	YEN01	
Recommended Background:	C grade in AS English Language units	
Course Description:	<p>The International Advanced Level English Language course consists of the two IAS units (Units 1 and 2) plus two IA2 units (Units 3 and 4). Students wishing to take the International Advanced Level must, therefore, complete all four units.</p> <p>The aims and objectives of these qualifications are to enable students to:</p> <ul style="list-style-type: none"> • develop and apply their understanding of the concepts and methods appropriate for the analysis and study of language • explore data and examples of language in use • engage creatively and critically with a varied programme for the study of English • develop their skills as producers and interpreters of language • independently investigate language in use. 	
Component Descriptors	Crafting Language (writing)	Investigating Language

Unit code (W):	WEN03/01	WEN04/04
Assessment Overview	<p>Students answer two compulsory questions: one question from Section A and one question from Section B.</p> <p>Section A: Creating text</p> <ul style="list-style-type: none"> Students create their own texts based on unseen source texts linked to a single topic. Students are given a genre and then choose their own audience, purpose and context. 20 marks, AO5 is assessed. <p>Section B: Commentary</p> <ul style="list-style-type: none"> Students produce a commentary reflecting on the writing process done in Section A. The commentary focuses on analysis and evaluation the language choices made the re-shaping of the source texts to meet the genre, audience, purpose and context how contextual factors have influenced language choices. 30 marks, AO1, AO2, AO3 and AO4 are assessed. 	<p>Students answer two compulsory questions on one overall subtopic: one question from Section A and one question from Section B.</p> <p>Section A: Unseen Data Analysis</p> <ul style="list-style-type: none"> Students answer one question on the subtopic that they have researched using unseen data given in a Source Booklet. 20 marks, AO1, AO2 and AO3 are assessed. <p>Section B: Extended Response</p> <ul style="list-style-type: none"> Students produce one extended response to an evaluative question. Students must answer the question on the subtopic that they have researched and must make connections with data from their investigation. 30 marks, AO1, AO2, AO3 and AO4 are assessed.
Assessment Type	Written examination: 2 hours 50 marks	Written examination: 2 hours. 50 marks
Weighting	25%	25%
Staff Contact	Elise Marlow	e.marlow@cga.school

English Literature: International A Level

INTERNATIONAL A LEVEL ENGLISH LITERATURE		
School Course Name	English Literature A Level	
Edexcel Course Code	YET01	
Recommended Background:	C grade in English Literature units	
Units (W):	WET03/01	WET04/01]
Units	Poetry and prose	Shakespeare and Pre-1900 Poetry

Unit Description:	Post-1900 unseen poetry · two prose fiction texts, from a choice of three texts, covering one theme (choice of four themes).]	One Shakespeare text from a choice of four • one specified collection of pre-1900 poems from one literary movement, from a choice of three.
Assessment Overview	· Open book examination Section A: Poetry · Students answer one essay question on a post-1900 unseen poem. · 20 marks, AO1 and AO2 are assessed. Section B: Prose · Students answer one comparative essay question, from a choice of two, on their two chosen texts from their chosen theme. · 30 marks, AO1, AO2, AO3 and AO4 are assessed.	Open book examination. Section A: Shakespeare · Students answer one essay question from a choice of two on their chosen text. · 25 marks, AO1, AO2, AO3 and AO5 are assessed. Section B: Pre-1900 Poetry · Students answer one essay question from a choice of two on their chosen movement. · 25 marks, AO1, AO2, AO3 and AO5 are assessed.
Assessment Type	Written examination: 2 hours 50 marks	Written examination: 2 hours. 50 marks
Weighting	25%	25%
Staff Contact	Elise Marlow	e.marlow@cga.school

Geography: International A Level

INTERNATIONAL A LEVEL GEOGRAPHY

School Course Name	Geography A Level	
Edexcel Course Code	YGE01	
Recommended Background:	C grade in AS Geography units	
Course Description:	International Advanced Level Geography consists of the two IAS units (Units 1 and 2) plus two IA2 units (Units 3 and 4). Students will investigate key global issues facing people in a range of countries at different levels of development.	
Unit code (W):	WGE03/01 - Contested Planet	WEG04/02 Researching Geography
Component requirements	Section A – compulsory topics: Topic A1: Atmosphere and Weather Systems Topic A2: Biodiversity Under Threat Section B – optional topics: Topic B1: Energy Security or Topic B2: Water Conflicts	Students must select and study one of the following research options: · Option 1: Tectonic Activity and Hazards · Option 2: Feeding the World's People · Option 3: Cultural Diversity: People and Landscapes · Option 4: Human Health and Disease

	Section C – optional topics: Topic C1: Superpower Geographies or Topic C2: Bridging the Development Gap	
Assessment overview	<p>Section A: Longer/guided essay questions and a synoptic question.</p> <p>Section B: Choice of one data response/essay question from two topics (B1 or B2).</p> <p>Section C: Choice of one data response/essay question from two topics (C1 or C2).</p>	<p>Students will be given a list of questions based on the four options.</p> <p>Students will select and answer one question that relates to the option they have studied</p>
Weighting	30%	20%
Assessment Type	Written examination, 2 hours 90 marks	Written examination, 1 hour, 30 minutes. 60 marks
Staff Contact	Andrew Karlsberg	a.karlsberg@cga.school

History: International A Level

INTERNATIONAL A LEVEL HISTORY		
School Course Name	History A Level	
Edexcel Course Code	YHI01	
Recommended Background:	C grade in AS History units	
Unit code (W):	WHI03/01	WHI04/01
Component overview	The USA, Independence to Civil War, 1763–1865	The World Divided: Superpower Relations, 1943–90 .
Assessment overview	Students answer two questions: one from Section A and one from Section B. A source booklet is provided for Section A. Section A comprises one compulsory essay, which assesses source analysis and evaluation skills (AO2). Section B comprises a choice of two essays, which assess the ability to evaluate the significance of historical explanations of the period in breadth (AO1).	Students answer two questions: one from Section A and one from Section B. A source booklet is provided for Section A. Section A comprises one compulsory question, which assesses the ability to evaluate contrasting interpretations of the period studied (AO1) and (AO3). Section B comprises a choice of two essays, which assess understanding of the period in depth (AO1).
Weighting	25%	25%

Assessment Type	Written examination, 2 hours. 50 marks	Written examination, 2 hours. 50 marks
Staff Contact	Andrew Karlsberg	a.kalsberg@cga.school

Mathematics: A Level

INTERNATIONAL A LEVEL MATHEMATICS

School Course Name	Mathematics A Level		
Edexcel Course Code	YMA01		
Recommended Background:	C grade in AS Mathematics units		
Course Description:	Algebra and functions; trigonometry; exponentials and logarithms; differentiation; integration; numerical methods. Proof; algebra and functions; coordinate geometry in the (x, y) plane; binomial expansion; differentiation; integration; vectors. The Binomial and Poisson distributions; continuous random variables; continuous distributions; samples; hypothesis tests.		
Compulsory Units	P3: Pure Mathematics 3	P4: Pure Mathematics 4	S2: Statistics 2
Unit code (W):	WMA13/01	WMA14/01	WST02/01
Component requirements	Algebra and functions; trigonometry; exponentials and logarithms; differentiation; integration; numerical methods.	Proof; algebra and functions; coordinate geometry in the (x, y) plane; binomial expansion; differentiation; integration; vectors.	The Binomial and Poisson distributions; continuous random variables; continuous distributions; samples; hypothesis tests.
Weighting	162/3%	162/3%	162/3%
Assessment Type	External examination 1 hour 30 minutes 75 marks	External examination 1 hour 30 minutes 75 marks	External examination 1 hour 30 minutes 75 marks
Staff Contact	David Storey	d.storey@cga.school	

Further Mathematics: International AL

In order to gain an IAL in Further Mathematics students must also gain an IAL in Mathematics. For most students, this means that it is necessary to study Mathematics and Further Mathematics concurrently. Therefore students who wish to study IAL Further Mathematics must also select IAL Mathematics, and should have already completed both Mathematics IAS and Further Mathematics IAS.

INTERNATIONAL AL FURTHER MATHEMATICS

School Course Name	Further Mathematics A Level		
Edexcel Course Code	YFM01		
Required Background:	C grade in AS Further Mathematics units		
Course Description:	Students intending to take AL Further Mathematics, must take this course in conjunction with AL Mathematics, or have already completed AL Mathematics. Further Pure 2 and Mechanics 3 will build on the AS Further Mathematics units previously studied. The balance of the course is made of a Decision Mathematics unit.		
Compulsory Units	FP2: Further Pure 2	M3: Mechanics 3	D1: Decision Mathematics 1
Unit code (W):	WFM02/01	WME03/01	WDM11/01
Component descriptors	Inequalities; series; further complex numbers; first order differential equations; second order differential equations; Maclaurin and Taylor series; Polar coordinates.	Further kinematics; elastic strings and springs; further dynamics; motion in a circle; statics of rigid bodies.	Algorithms; algorithms on graphs; algorithms on graphs II; critical path analysis; linear programming.
Assessment overview	Students must answer all questions.		
Weighting	16 ⅔ %	16 ⅔ %	16 ⅔ %
Assessment Type	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks	Written examination, 1 hour, 30 minutes. 75 marks
Staff Contact	David Storey	d.storey@cga.school	

Physics: A Level
INTERNATIONAL A LEVEL PHYSICS

School Course Name	Physics A Level
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Edexcel Course Code	YPH11		
Recommended Background:	C grade in AS Physics units		
Course Description:	Further Mechanics, Electric and Magnetic Fields, Nuclear and Particle Physics, Thermodynamics, Nuclear Decay, Oscillations, Astrophysics and Cosmology. Students are expected to further develop the experimental skills and the knowledge and understanding of experimental techniques that they acquired in Units 1 and 2 by carrying out a range of practical experiments and investigations while they study Units 4 and 5.		
Compulsory Units	Further Mechanics, Fields and Particles	Thermodynamics, Radiation, Oscillations and Cosmology	Practical Skills in Physics II
Unit code (W):	WPH14/01	WPH15/01	WPH16/01
Component requirements	Further Mechanics · Electric and Magnetic Fields · Nuclear and Particle Physics	Thermodynamics · Nuclear Decay · Oscillations · Astrophysics and Cosmology	Students are expected to further develop the experimental skills and the knowledge and understanding of experimental techniques that they acquired in Units 1 and 2 by carrying out a range of practical experiments and investigations while they study Units 4 and 5. This unit will assess students' knowledge and understanding of the experimental procedures and techniques that were developed in Units 4 and 5.
Weighting	20%	20%	10%
Assessment Type	Written examination 1 hour 45 minutes 90 minutes	Written examination 1 hour 45 minutes 90 minutes	Written examination: 1 hour 20 minutes
Staff Contact	Christi Brasher	c.brasher@cga.school	

Psychology: International A Level

INTERNATIONAL A LEVEL PSYCHOLOGY

School Course Name	Psychology A Level
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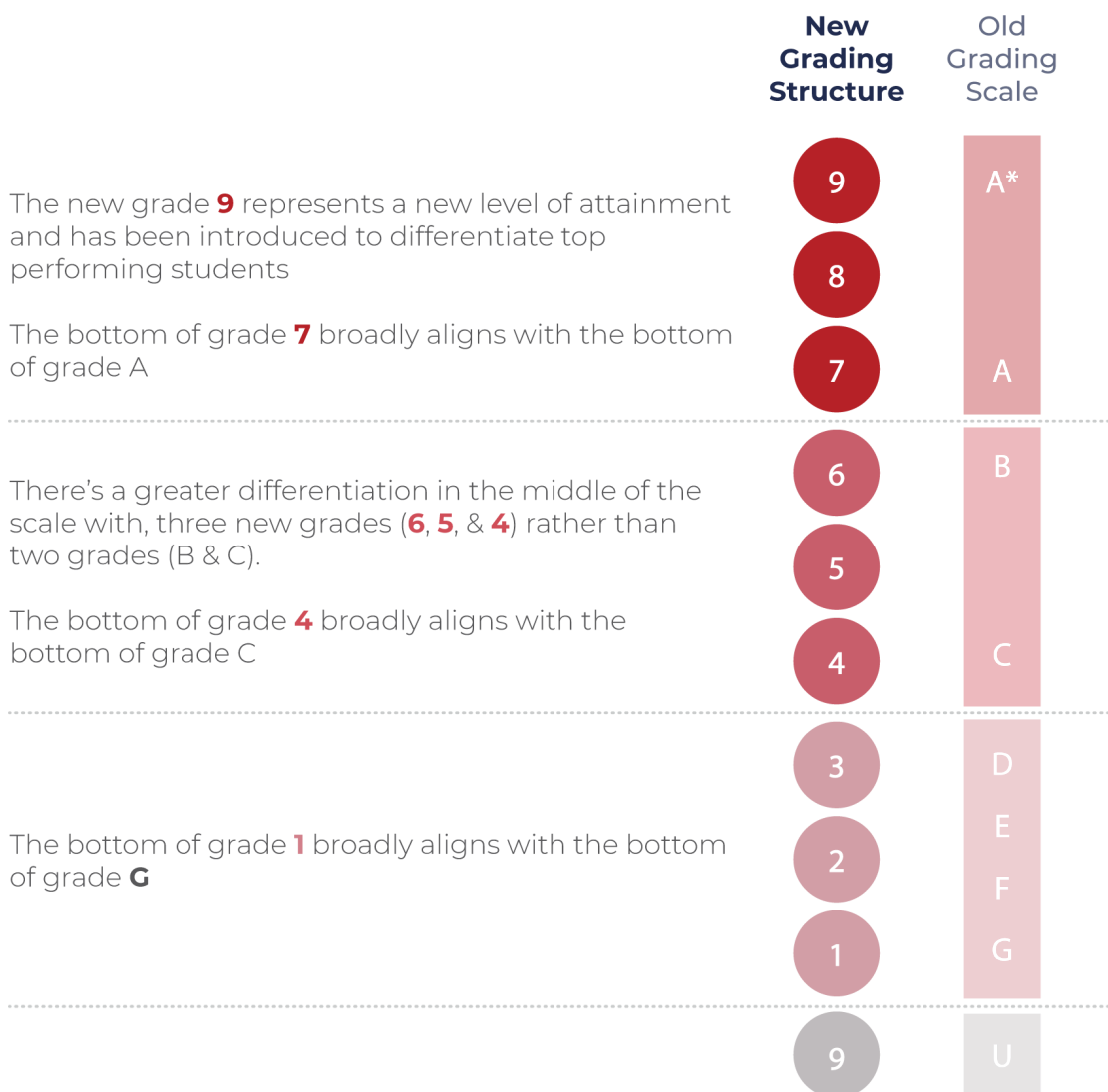
Edexcel Course Code	YPS01	
Recommended Background:	C grade in AS Psychology units	
Course Description:	This qualification consists of four externally-examined units. The International Advanced Level consists of the two IAS units (Units 1 and 2) plus two IA2 units (Units 3 and 4). Students wishing to take the International Advanced Level must, therefore, complete all four units.	
Unit code (W):	WPS03/01	WPS04/01
Compulsory Units	Applications of Psychology	Clinical Psychology and Psychological Skills
Content Overview	<p>Unit 3: Topic E: Developmental psychology: Students will learn about theories of attachment and the influence of early childhood experiences on later development, including cross-cultural differences. Students will also study different types of child development including cognitive, language, social and emotional.</p> <p>Topic F: Criminological psychology (required option topic): Students will gain an understanding of the different explanations for crime and anti-social behaviour, including psychological formulation to understand the offender, and the use of treatments as therapy for offenders. Students will also learn about factors that influence the identification of offenders, including jury decision making and the reliability of eye-witness testimony.</p>	
	<p>Unit 4: Topic H: Clinical psychology: Students will learn about how mental illness is diagnosed and will study two mental health disorders in detail: schizophrenia and unipolar depression. Students will also study different types of therapy including drug therapy, cognitive behaviour therapy (CBT) and family therapy.</p> <p>Topic I: Psychological skills: This is a synoptic section in which students will draw together concepts, theories and studies from the four units and apply them to issues in society. Areas include the role of nature and nurture in development, the use of psychological knowledge to control individuals in society and the issue of whether psychology should be considered a science.</p> <p>Throughout the course there is an emphasis on how science works, including statistical analysis and research methods.</p>	
Assessment Overview	<p>Unit 3: Students answer all questions from section A and all questions from their option choice in section B. Each separate section totals 32 marks and comprises short-answer questions and two 8-mark extended open response questions.</p>	<p>Unit 4: Students answer all questions from five sections A to E: Section A and B: Clinical psychology: totals 48 marks and comprises short-answer questions (A) and one 16 mark question (B). Section C, D and E: Psychological Skills: totals 48 marks and comprises 20 marks on research methods (C), one 8 mark response on a key question (D) and one 20-mark synoptic question based on issues and debates (E).</p>

Assessment type	Unit 3: Written examination. 1 hour 30 minutes, 64 marks	Unit 4: Written examination. 2 hours, 96 marks
Weighting	40%	60%
Staff Contact	Beth Haresnape	b.haresnape@cga.school

Grading and University Entrance

Grades Available for International GCSE

In 2017 changes were made to the way International GCSE grades are awarded. International GCSE grades are now awarded on a scale between 9 (outstanding performance) to a grade 1 (limited achievement).



Grades Available for AS/ AL courses

GRADE	AS MARK RANGE (%)	AL MARK RANGE(%)
A*		90-100
A	80-100	80-89
B	70- 79	70- 79

C	60-69	60-69
D	50-59	50-59
E	40-49	40-49
U	Ungraded	Ungraded

New Zealand University Entrance

New Zealand Universities use ranked scores to determine entry to various courses. The scores is determined as follows:

GRADE	MARK	RANKED SCORE	
		AS	AL
A*	90%-100%		140
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

University entrance is gained from 6 subject units. An AS subject contributes 1 unit. An AL subject contributes 2 units.

General Standard (New Zealand Universities)

The minimum university entrance standard is 120 points in 3 distinct subjects of at least a D. Note that an AL in a subject provides 2 subject units but counts only as 1 distinct subject.

Students must also satisfy a numeracy and literacy requirement:

Numeracy: at least a D grade in International GCSE (or equivalent) Mathematics. An E grade or above in AS Mathematics will also satisfy the criteria.

Literacy: at least an E grade in English Literature or English Language at AS.

DIAGRAMATIC REPRESENTATION OF UNIVERSITY ENTRANCE REQUIREMENTS

General AS or AL subject (UCAS total for 6 subject units)	Approved subject 1 D grade or above	Approved subject 2 D grade or above	Approved subject 3 D grade or above	Up to 3 additional subject units to complete 120 UCAS points
	Literacy (AS or above)	English literature or English Language E grade or above		
	Numeracy IGCSE or above	D grade in International GCSE mathematics or E grade in AS Mathematics		

All subjects offered by Crimson Global Academy satisfy the requirements as an approved university entrance subject in New Zealand.

Example of the Ranked Score

SUBJECT TAKEN	LEVEL	%	GRADE	RANKED SCORE
Mathematics	A	92	A*	140
Geography	A	74	B	100
English	AS	78	B	50
Chemistry	AS	63	C	40
Economics	AS	54	D	30

Ranked score for university is the best 6 subject units (in this case we will not include Economics). In this specific case the ranked score is $140 + 100 + 50 + 40 = 330$ points. This score is what will determine your chance of entry into universities in New Zealand. Some universities publish a guaranteed entry score to various courses.

For universities in other parts of the world this ranked score will form part of the requirements but will not necessarily satisfy all requirements.

Table A and Table B Subjects

TABLE A SUBJECTS	TABLE B SUBJECTS	
History	Accounting	Economics
Geography	Biology	Mathematics
English Literature	Business	Physics
English Language	Chemistry	

Some university courses require subjects taken to reflect a breadth of skills, therefore students should consider future tertiary pathways and the requirement to have a balanced course (not all Maths and Science for example). Course advice will be given to accentuate the importance of this principle.

Selective Entry Courses.

As well as gaining University Entrance, students will need to satisfy additional requirements for competitive degree programmes. These include higher grades and specific subjects or other additional requirements such as portfolios, auditions, written statements, references and/or interviews.

Universities Outside of New Zealand

Qualifications required for entry to courses at overseas universities vary enormously. It is essential that students interested in studying overseas prepare thoroughly, start planning early and carefully check websites and prospectuses for details. It is important to start gathering information and making applications at least a year ahead, as the process is time-consuming.

Students should contact the Dean of Pastoral Care for advice.