A LEVEL SUBJECT INFORMATION 2026-2028

KELLETT
啓歷學校
The British International School in Hong Kong

Please follow the below links for information on each course.

Art and Design
Biology
Business Studies
Chemistry
Chinese
Computer Science
Drama
Design and Technology
Economics
English Literature
French
Geography
History
Mathematics
Further Mathematics
Media Studies
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PE
Physics
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Spanish
Psychology

Elective Courses:

Extended Project Qualification (EPQ)
LAMDA: Public Speaking
Mini-MBA
SAT Preparation

Advanced Level: Art and Design [Edexcel]

Overview

The GCE A level Art and Design is a two-year linear course which incorporates three major elements: supporting studies, practical work, and a personal study. The supporting studies and practical work comprise a portfolio of development work and outcomes based on themes and ideas developed from personal starting points.
The personal study will be evidenced through critical written communication showing contextual research and understanding in a minimum 1000 words of continuous prose.

The examination component allows students opportunities to generate and develop ideas, research primary and contextual sources, record practical and written observations, experiment with media and processes, and refine ideas towards producing personal resolved outcomes in response to an externally set theme.

Course Description

Specification Code: 9FAO

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/art-and-design-2015.html

Unit	Unit Content	Assessment
Component 1	Personal Investigation - Practical work consisting of a body of work including Art Journals and supporting studies Personal study including a written element of no less than 1000 words	The personal study is 12% of the total qualification and is marked out of 18 60% weighting
Component 2	Preparatory studies will comprise a portfolio of practical and written development work based on the Externally Set Assignment, Art Journals and supporting studies During the 15–hour period of sustained focus under examination conditions, students will produce final outcome(s) extending from their preparatory studies in response to the Externally Set Assignment	Externally Set Assignment culminating in a 15 hour timed examination Incorporates two major elements: preparatory studies and the 15–hour period of sustained focus. under examination conditions 40% weighting

Advanced Level: Biology [AQA]

Overview:

At Kellett School A-level Biology is taught over two years and is externally examined at the end of Year 13. The aims and objectives of the AQA Biology A Level are to enable students to develop:

- Essential knowledge and understanding of different areas of the subject and how they relate to each other
- And demonstrate a deep appreciation of the skills, knowledge and understanding of scientific methods
- Competence and confidence in a variety of practical, mathematical and problem solving skills
- Their interest in and enthusiasm for the subject, including developing an interest in further study and careers associated with the subject
- Understanding of how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society.

The content is relevant for students who have achieved an (I)GCSE in Biology and who want to study this subject at a higher level. The content is up to date and covers the major topics in Biology, including biological molecules, transport, cells, biodiversity, conservation, energy, the environment, immunity, respiration, photosynthesis, the internal environment, coordination and modern genetics.

Students will develop their knowledge and understanding of Biology by applying the concepts in this specification to a range of different problems, set in a variety of contexts. Students will need to apply mathematical skills to the problems. Students will also develop their practical skills.

Topics 1-4 (outlined below) are taught in Year 12. The remaining topics are taught in Year 13.

Course Description

Specification Code: 7402
Course Specification:
https://www.aqa.org.uk/subjects/biology/a-level/biology-7402/specification

Paper	Assessment Content	Overview
Paper 1: Advanced Biochemistry, Microbiology and Genetics (9BI0/01)	**This paper will examine the following topics (with specification reference):** 1 Biological molecules 2 Cells 3 Organisms exchange substances with their environment 4 Genetic information, variation and relationships between organisms	Assessment is 2 hours. The paper consists of 91 marks. The paper may include 76 marks of calculations, short and long answer questions, and 15 marks of extended writing questions. The paper will include questions that target mathematics at IGCSE level grade B.
Paper 2: Advanced Physiology, Evolution and Ecology (9BI0/02)	**This paper will examine the following topics:** 5 Energy transfers in and between organisms 6 Organisms respond to changes in their internal and external environments 7 Genetics, populations, evolution and ecosystems 8 The control of gene expression	Assessment is 2 hours. The paper consists of 91 marks. The paper may include 76 marks of calculations, short and long answer questions, and 15 marks of comprehension questions. The paper will include questions that target mathematics at IGCSE level

Paper 3: General and Practical Principles in Biology (9BI0/03)	This paper will include questions from Topics 1−8, as above.	Assessment is 2 hours. The paper consists of 78 marks. The paper will include 38 marks of structure questions, including practical techniques, 15 marks of critical analysis of given experimental data and 25 marks for one essay from a choice of two titles. The paper will include questions that target mathematics at IGCSE.
Science Practical Endorsement **(assessed during practical work in school)**	The assessment of practical skills is a compulsory requirement of the course of study for A level Biology. It will appear on all students' certificates as a separately reported result, alongside the overall grade for the qualification. Students must carry out a minimum of 12 practical activities	Students' practical work will be assessed by teachers, using common practical assessment criteria (CPAC) that are consistent across exam boards. Students who demonstrate the required standard across all the requirements of the CPAC will receive a 'pass' grade.

Advanced Level: Business Studies [Edexcel]

Overview

The aims and objectives of these qualifications are to enable students to develop an enthusiasm for studying business, gaining a holistic understanding of business in a range of contexts and developing a critical understanding of organisations and their ability to meet society's needs and wants. Students will understand that business behaviour can be studied from a range of perspectives and gain an awareness of the ethical dilemmas and responsibilities faced by organisations and individuals.

This is a two-year linear course:
Year 1
Students will be covering content from Theme 1 and Theme 2 in Year 1. There are no external examinations at the end of Year 1
Year 2
Students will be covering content from Theme 3 and Theme 4 in Year 2, as well as reviewing content from Themes 1&2. They will be carrying out research and gathering materials on a pre-released topic (released in November by Pearson). There are 3 external examinations at the end of Year 2.

Course Description

Specification Code: 9BS0

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/business-2015.html

Theme	Content	Assessment
Theme 1: Marketing and People	● Meeting customer needs ● The market ● Marketing mix and strategy ● Managing people ● Entrepreneurs and leaders	**Paper 1:** Marketing, people and global businesses 9BS0/01 Externally assessed Two hour written examination Weighting: 35% of AL Paper format: Each question is drawn from topics across Themes 1 and 4, and from one or more of the following contexts: local, national or global. ● Sections A and B each comprise one data response question broken down into a number of parts, including one extended open-response question. **Paper 2:** Business activities, decisions and strategy 9BS0/02 Externally assessed Two hour written examination Weighting: 35% of AL Paper format: Each question is drawn from topics across Themes 2 and 3, and from one or more of the following contexts: local, national or global. ● Sections A and B each comprise one data response question broken down into a number of parts, including one extended open-response question.
Theme 2: Managing Business Activities	● Raising finance ● Financial planning ● Managing finance ● Resource management ● External influences	
Theme 3: Business decisions and strategy	● Business objectives and strategy ● Business growth ● Decision-making techniques ● Influences on business decisions ● Assessing competitiveness ● Managing change	
Theme 4: Global business	● Globalisation ● Global markets and business expansion ● Global marketing	

	● Global industries and companies (multinational corporations)	**Paper 3:** Investigating business in a competitive environment 9BS0/03 Externally assessed Two hour written examination Weighting: 30% of AL Paper format: Each question is drawn from one or more of the following contexts: local, national or global. ● Section A will focus on the broad context provided in the pre-released document issued on the Pearson website in the November of the previous year. Section B will focus on at least one strand within the context provided. ● Each section will contain unseen stimulus materials comprising quantitative and qualitative evidence. Students are required to apply their knowledge and understanding from Themes 1, 2, 3 and 4 and their understanding of the broad context to this evidence. ● Questions in Sections A and B each comprise one data response question broken down into a number of parts, including one extended open-response question. ● Students cannot take any of their research or investigation data carried out as part of the pre-release into the examination.

Advanced Level: Chemistry [Edexcel]

Overview

At Kellett School A-level Chemistry is taught over two years and is externally examined at the end of Year 13. The aims and objectives of the Pearson Edexcel Advanced GCE in Chemistry are to enable students to develop:

- essential knowledge and understanding of different areas of the subject and how they relate to each other
- a deep appreciation of the skills, knowledge and understanding of scientific methods
- competence and confidence in a variety of practical, mathematical and problem-solving skills
- their interest in and enthusiasm for the subject, including developing an interest in further study and careers associated with the subject
- an understanding of how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society.

The content is relevant for students who have achieved an (I)GCSE in Chemistry and who want to study this subject at a higher level. The content is up to date and covers the major topics in Chemistry, including underlying principles like Atomic Structure and the Periodic Table, Bonding and Structure, Redox and Amount of Substance. In Inorganic Chemistry there is emphasis on Group 2, 7 and the Transition metals. In Physical Chemistry Energetics, Kinetics and Equilibria are further developed and ideas like Entropy are explored. In Organic Chemistry the chemistry of many more functional groups is explored with links to biochemistry and medicine.

Students will develop their knowledge and understanding of Chemistry by applying the concepts in this specification to a range of different problems, set in a variety of contexts. Students will need to apply mathematical skills to the problems. Students will also develop their practical skills.

Topics 1-13 & 16 will be taught in Year 12, with the few remaining topics being taught in Year 13.

Course Description

Specification Code: 9CH0

Details:
https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/chemistry-2015.html

Paper	Assessment Content	Overview
Paper 1: Advanced Inorganic and Physical Chemistry ***Paper code: 9CH0/01**	This paper will examine the following topics. • Topic 1: Atomic Structure and the Periodic Table • Topic 2: Bonding and Structure • Topic 3: Redox I • Topic 4: Inorganic Chemistry and the Periodic Table • Topic 5: Formulae, Equations and Amounts of Substance • Topic 8: Energetics I • Topic 10: Equilibrium I • Topic 11: Equilibrium II • Topic 12: Acid-base Equilibria	Assessment is 1 hour 45 minutes. The paper consists of 90 marks. The paper may include multiple-choice, short open, open-response, calculations and extended writing questions. The paper will include questions that target mathematics at IGCSE level

	• Topic 13: Energetics II • Topic 14: Redox II ● Topic 15: Transition Metals	
Paper 2: Advanced Organic and Physical Chemistry ***Paper code: 9CH0/02**	**This paper will examine the following topics:** • Topic 2: Bonding and Structure • Topic 3: Redox I • Topic 5: Formulae, Equations and Amounts of Substance • Topic 6: Organic Chemistry I • Topic 7: Modern Analytical Techniques I • Topic 9: Kinetics I • Topic 16: Kinetics II • Topic 17: Organic Chemistry II • Topic 18: Organic Chemistry III ● Topic 19: Modern Analytical Techniques II	Assessment is 1 hour 45 minutes. The paper consists of 90 marks. The paper may include multiple-choice, short open, open-response, calculations and extended writing questions. The paper will include questions that target mathematics at IGCSE level
Paper 3: General and Practical Principles in Chemistry ***Paper code: 9CH0/03**	• Questions in this paper may draw on any of the topics in this specification. • The paper will include synoptic questions that may draw on two or more different topics listed. The paper will include questions that assess conceptual and theoretical understanding of experimental methods (indirect practical skills) that will draw on students' experiences of the core practicals.	Assessment is 2 hours 30 minutes. The paper consists of 120 marks. The paper may include short open, open-response, calculations and extended writing questions. The paper will include synoptic questions that may draw on two or more different topics. The paper will include questions that target mathematics at IGCSE. The paper will include questions that target the conceptual and theoretical understanding of experimental methods.
Science Practical Endorsement **(assessed during practical work in school)**	The assessment of practical skills is a compulsory requirement of the course of study for A level Chemistry. It will appear on all students' certificates as a separately reported result, alongside the overall grade for the qualification. Students must carry out a minimum of 12 practical activities	Students' practical work will be assessed by teachers, using common practical assessment criteria (CPAC) that are consistent across exam boards. Students who demonstrate the required standard across all the requirements of the CPAC will receive a 'pass' grade.

Advanced Level: Chinese [Edexcel]

Overview

The Pearson Edexcel Level 3 Advanced GCE in Chinese (spoken Mandarin) consists of two externally-examined papers assessing listening, reading and writing and a speaking assessment. The assessment will be available in traditional and simplified characters. All questions and texts are printed twice, once with texts using traditional/full characters and once with texts in simplified characters.

Chinese A level is fully linear, with students sitting their exams at the end of the two-year course.

Students will study technological and social change, looking at the multicultural nature of Chinese society. They will study highlights of Chinese artistic culture, including a focus on Chinese regional identity and the cultural heritage of past civilisations.

Students will explore the influence of the past on present-day Chinese communities. Students will study texts and film and will have the opportunity to carry out independent research on an area of their choice.

Course Description

Specification Code: 9CN0

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/chinese-2017.html

Unit	Unit Content	Assessment
Paper 1: Listening, reading and translation	• This paper draws on vocabulary and structures across all four themes, which are based on the society and culture of Chinese-speaking countries. • Translation (Chinese to English)	Written exam: 2 hours 80 marks in total 40% of the qualification
Paper 2: Written response to works and translation	• Translation (English to Chinese) • Written response to works (literature texts) • Written response to works (Film)	Written exam: 2 hours 40 minutes 120 marks in total 30% of the qualification
Paper 3: Speaking	• Task 1 (discussion on a theme) • Task 2 (part 1: independent research presentation, part 2: discussion on research)	Oral exam: 21–23 minutes (including 5 minutes preparation time) 72 marks in total 30% of A-level

Advanced Level: Computer Science [Oxford AQA]

Overview

The AQA Computer Science A-Level syllabus is a linear course designed to be taken over two years of study, with 2 examined papers and a Non-Examined Assessment (NEA). The course is intended to encourage learners to develop an understanding of the fundamental principles of how computers and technology functions as well as how to create programs for computer systems.

Learners will study topics including information representation, communication and Internet technologies, hardware, software development and relational database modelling. Studying AQA A-Level Computer Science will help learners develop a range of skills such as thinking creatively, analytically, logically and critically. These skills are aptly named computational thinking and are transferable to a wide range of subject areas and degree pathways. Students will learn how to use problem-solving alongside python programming to develop computer-based algorithms and applications. Students will also gain an appreciation of the legal, ethical and environmental issues that arise with current and emerging computing technologies. This course will help to prepare students for a future in which, inevitably, computers will play a substantial role.

Course Description

Specification Code: 7517

Specification Link:
https://www.aqa.org.uk/subjects/computer-science/a-level/computer-science-7517/specification

NEA Guidance: https://filestore.aqa.org.uk/resources/computing/AQA-7517-NEA-GUIDE.PDF

Level	Units	Assessment
Year 1&2 Advanced (A) Level Content	• Fundamentals of programming • Fundamentals of data structures • Fundamentals of algorithms • Theory of computation • Fundamentals of data representation • Fundamentals of computer systems • Fundamentals of computer organisation and architecture Consequences of uses of computing • Fundamentals of communication and networking • Fundamentals of databases • Big Data • Fundamentals of functional programming • Systematic approach to problem solving	**Paper 1 (Programming):** On Screen Examination Externally assessed 2 hour 30 minutes 40% of A-Level **Paper 2 (Theory):** Written Examination Externally assessed 2 hour 30 minutes A-Level - 40%
	• Non-exam assessment - the computing practical project	**NEA:** Internally Assessed approximately 50 hours A-Level - 20%

Advanced Level: Design and Technology [AQA]

Overview

This is a linear course offered over two years. This creative and thought-provoking qualification gives students the practical skills, theoretical knowledge and confidence to succeed in a number of careers, especially those in the creative industries. Students will investigate historical, social, cultural, environmental and economic influences on design and technology, whilst enjoying opportunities to put their learning into practice by producing prototypes of their choice. Students will also gain a real understanding of what it means to be a designer, as well as developing the knowledge and skills sought by higher education and employers.

This qualification consists of:

- **Technical principles**
- **Designing and making principles**
- **Non-exam assessment (NEA)** Students will be required to undertake a 'Design & Make' task and produce a final prototype based on a context and design brief investigated and developed by the student.

Links to maths and science
All A Level specifications in Design and Technology must require students to demonstrate their application of knowledge, understanding and skills of maths and science in both theoretical and practical ways. Design and Technology uses maths and science to support decisions made in the processes of designing and making.

Course Description

Specification Code: 7552

Specification Link:
http://www.aqa.org.uk/subjects/design-and-technology/as-and-a-level/design-and-technology-product-design-7552

Unit	Unit Content	Assessment
Paper 1	Technical Principles (2.5 hrs duration) **120 Marks** (Mixture of short answer and extended response questions).	30% of A Level
Paper 2	Designing & Making Principles (1.5 hrs duration) **80 marks** (Mixture of short answer and extended response questions).	20% of A Level
NEA	Non-exam assessment (Substantial Design & Make Project) **100 Marks**	50% of A Level

Advanced Level: Drama and Theatre [Edexcel]

Overview

This Drama qualification is a two-year linear course that covers a wide array of different aspects of the Drama and Theatre world. The qualification has three components, one on devising, one on performing or designing skills and one on practical exploration of texts to interpret them for performance. Students are required to develop their skills as an actor, designer and director through these components.

The course also focuses on the practical exploration of performance texts, including exploring them in light of the work of traditional and contemporary theatre practitioners and companies. The performance texts that will be studied for the exam will require students to articulate how they would perform in certain roles, design for certain scenes and interpret a text for performance, putting practical work at the heart of the specification. Centres, alongside their teachers and students can select a list of performance texts that will engage and inspire students and allow to best suit the students, their ability to access the work, their interests and their performance skills. Due to the nature of flexibility of the course students who wish to focus the design element as well as the performance aspect conveying the idea that Drama and Theatre is more than the actor on stage.

The Drama and Theatre course is a step up from the Drama GCSE and therefore prior knowledge of the subject is desirable but not essential. Students often find links with other subjects such as History, English Literature, Art. Law and Politics due to the texts, practitioners and themes covered. Over the course students will develop a multitude of skills, including collaboration, communication and an understanding of how to amend and refine work in order to make a smooth transition to their next level of study or employment.

Course Description

Specification Code: 9DR0

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/drama-and-theatre-2016.html

Unit	Unit Content	Assessment
Component 1: Devising **9DR0/01**	Devise an original performance piece Use one key extract from a performance text and a theatre practitioner as stimuli Performance of this devised piece or design realisation for this performance Analyse and evaluate the devising process and performance A portfolio covering the creating and developing process and analysis and evaluation of this process The portfolio submission recommendations are: ● typed evidence between 2500–3000 words or can be recorded/verbal evidence between 12–14 minutes Or ● can be a combination of handwritten/typed evidence (between 1250–1500 words) and recorded/verbal evidence (between 6–7 minutes) Performer or designer routes available	Internal Marked and Externally Moderated Coursework Portfolio and Performance 40% weighting
Component 2: Performance of a Text **9DR0/02**	Students will either perform in and/or design for **two key extracts** from a performance text Mixture of monologue / duologue **and** group performance (choice is up to teacher)	Performance External assessed by a visiting

	● Group performance/design realisation:worth 36 marks. ● Monologue or duologue/design realisation:worth 24 marks. Performer or designer routes available	examiner 20% weighting
Component 3: Theatre Makers in Practice **9DR0/03**	Live theatre evaluation - seen and notes made Practical exploration and study of **one complete performance text -** focusing on how it can be realised for performance Practical exploration and study of **another complete performance text in light of a chosen practitioner -** focusing on how this text could be reimagined for a contemporary audience Study <u>two</u> of fifteen performance texts. Choice from <u>eight</u> practitioners **Section A: Live Theatre Evaluation** ● **20 marks** ● Students answer one extended response question from a choice of two requiring them to analyse and evaluate a live theatre performance they have seen in light of a given statement. ● Students are allowed to bring in theatre evaluation notes of up to a maximum of 500 words. **Section B: Page to Stage: Realising a Performance Text** ● **36 marks** ● Students answer two extended response questions based on an **unseen extract** from the performance text they have studied. ● Students will demonstrate how they,as theatremakers, intend to realise the extract in performance. ● Students answer from the perspective of a performer and a designer. ● Performance texts are not allowed in the examination as the extracts will be provided. **Section C: Interpreting a Performance Text** ● **24 marks** ● Students will answer one extended response questions from a choice of two based on an **unseen names section** from their chosen performance text ● Students will demonstrate how their re-imagined production concept will communicate ideas to a contemporary audience. ● Students will also need to outline how the work of their chosen theatre practitioner has influenced their overall production concept and demonstrate an awareness of the performance text in its original performance conditions. ● Students **must** take in clean copies of their performance texts for this section,but no other printed materials.	2.30 - hour Written Exam 40% weighting

Advanced Level: Economics [Edexcel]

Overview

The Edexcel A Level aims to enable students to:

- develop an interest in, and enthusiasm for, economics
- appreciate the contribution of economics to the understanding of the wider economic and social environment
- use an enquiring, critical and thoughtful approach to the study of economics and develop an ability to think as an economist
- understand that economic behaviour can be studied from a range of perspectives
- develop analytical and quantitative skills, together with qualities and attitudes that will equip them for the challenges, opportunities and responsibilities of adult and working life

Course Description

Specification Code: 9EC0

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/economics-a-2015.html

Theme	Unit Content	Assessment
Theme 1: Introduction to markets and market failure	• Introductory concepts • Consumer behaviour and demand • Supply • Price determination • Market failure • Government intervention in markets	**Paper 1: Markets and business behaviour** Questions drawn from Themes 1 and 3 35% of total qualification Duration: 2 hours Marks: 100 **Paper 2: The national and global economy** Questions drawn from Themes 2 and 4 35% of total qualification Duration: 2 hours Marks: 100 **Paper 3: Microeconomics and macroeconomics** Questions drawn from all four Themes 30% of total qualification Duration: 2 hours Marks: 100
Theme 2: The UK economy - performance and policies	• Measures of economic performance • Aggregate demand (AD) • Aggregate supply (AS) • National income • Economic growth • Macroeconomic objectives and policies	
Theme 3: Business behaviour and the labour market	• Types and sizes of businesses • Revenue, costs and profits • Market structures and contestability • Labour markets • Government intervention	
Theme 4: A global perspective	• 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	

Advanced Level: English Literature [Edexcel]

Overview

The course has been designed to promote a love of literature, teach students to express themselves eloquently in writing and to develop critical, evaluative readers.

The aims and objectives are to enable students to:

- read widely and independently set texts and others that they have selected for themselves
- engage critically and creatively with a substantial body of texts and ways of responding to them
- develop and effectively apply their knowledge of literary analysis and evaluation
- explore the contexts of the texts they are reading and others' interpretations of them
- undertake independent and sustained studies to deepen their appreciation and understanding of English literature, including its changing traditions.

This is a linear course with all external examinations to be taken at the end of Year 13. The Non-Examination Assessment (Coursework), worth 20%, will be completed earlier in Year 13.

Course Description

Specification Code: 9ET0

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/english-literature-2015.html

Unit	Unit Content	Assessment
Component 1: Drama ***Paper code: 9ET0/01**	Students study: ● one Shakespeare play and one other drama from either tragedy or comedy – both texts may be selected from one or both of these categories. ● critical essays related to their selected Shakespeare play. Students' preparation is supported by Shakespeare: A Critical Anthology – Tragedy or Shakespeare: A Critical Anthology – Comedy.	30% of the total AL raw marks Written examination, lasting 2 hours and 15 minutes. ● Open book – clean copies of the drama texts can be taken into the examination. The Critical Anthology must not be taken into the examination. ● Total of 60 marks available – 35 marks for Section A and 25 marks for Section B. ● Two sections: students answer one question from a choice of two for both Section A and Section B. ● Section A – Shakespeare: one essay question, incorporating ideas from wider critical reading (AO1, AO2, AO3, AO5 assessed). ● Section B – Other Drama: one essay question (AO1, AO2, AO3 assessed)
Component 2: Prose ***Paper code: 9ET0/02**	Two prose texts from a chosen theme. At least one of the prose texts must be pre-1900.	20% of the total AL raw marks Written examination, lasting 1 hour and 15 minutes. ● Open book – clean copies of the prose texts. ● Total of 40 marks available. ● Students answer one comparative essay question from a choice of two on their studied theme (AO1, AO2, AO3, AO4 assessed).
Component 3:	**Content summary**	30% of the total AL raw marks

Poetry ***Paper code: 9ET0**	● poetic form, meaning and language ● a selection of post-2000 specified poetry and ● a specified range of poetry from either: - a literary period (either pre- or post-1900) or - a named poet from within a literary period	● Written examination, lasting 2 hours and 15 minutes. ● Open book – clean copies of the poetry texts ● Total of 60 marks available – 30 marks for Section A and 30 marks for Section B. ● Two sections: one question from a choice of two, comparing an unseen poem with a named poem from their studied contemporary text and one question from a choice of two on their studied movement/poet. ● Section A – Post-2000 Specified Poetry: one comparative essay question on an unseen modern poem written post-2000 and one named poem from the studied contemporary text (AO1, AO2, AO4 assessed). ● Section B – Specified Pre- or Post-1900: one essay question (AO1, AO2, AO3 assessed).
Non-examination assessment **(Coursework)** ***Code: 9ET0/04**	Students choose two texts from a range studied. Teachers will guide and approve texts, most likely from a range studied in class. Chosen texts: ● must be different from those studied in Components 1, 2 and 3 ● must be complete texts and may be linked by theme, movement, author or period ● may be selected from poetry, drama, prose or literary non-fiction.	20% of the total AL raw marks Students produce one assignment: ● one extended comparative essay referring to two texts (AO1, AO2, AO3, AO4, AO5 assessed) ● advisory total word count is 2500–3000 words ● total of 60 marks available.

Advanced Level: French [AQA]

Overview

The GCE A level in French is a two year course which enables students to develop their linguistic skills alongside their understanding of the culture and society of countries where French is spoken.

Students study technological and social change, looking at diversity and the benefits it brings. They will study highlights of French-speaking artistic culture, including francophone music and cinema, and learn about political engagement and who wields political power in the French-speaking world.

Students also explore the influence of the past on present-day French-speaking communities. Throughout their studies, they will learn the language in the context of French-speaking countries and the issues and influences which have shaped them. Students will study texts and film and have the opportunity to carry out independent research on an area of their choice.

Course Description

Specification Codes: 7652

Specification Link:
https://www.aqa.org.uk/subjects/computer-science/a-level/computer-science-7517/specification

Unit	Unit Content	Assessment
Paper 1: Listening, reading and writing	● Aspects of French-speaking society: current trends ● Aspects of French-speaking society: current issues ● Artistic culture in the French-speaking world ● Aspects of political life in the French-speaking world ● Grammar	Written exam: 2 hours 30 minutes 100 marks 50% of A-level
Paper 2: Writing	● One text and one film or two texts from the list set in the specification ● Grammar	Written exam: 2 hours 80 marks in total 20% of A-level
Paper 3: Speaking	● Individual research project ● One of four themes: - Aspects of French-speaking society: current trends - Aspects of French-speaking society: current issues - Artistic culture in the French-speaking world - Aspects of political life in the French-speaking world	Oral exam: 21–23 minutes (including 5 minutes preparation time) 60 marks in total 30% of A-level

International Advanced Level: Geography [Edexcel]

Overview

This course has been designed to encourage students to gain enjoyment, satisfaction and a sense of achievement as they develop their knowledge and understanding of Geography. This A Level course will enable students to be inspired by their geographical understanding, to engage critically with real-world issues and places, and to apply their geographical knowledge, theory and skills to the world around them. Students will grow as independent thinkers and as informed and engaged citizens, who understand the role and importance of geography as one of the key disciplines relevant to understanding the world's changing peoples, places and environments.

This international modular course will be delivered in a linear fashion with all external examinations taken at the end of Year 13. Units 1 and 2 are studied in Year 12 and units 3 and 4 are studied in Year 13. Fieldwork forms a central role in the teaching and learning of unit 2 especially, with two days of external fieldwork completed in Year 12.

Course Description

Specification Code: WGE01; WGE02; WGE03; WGE04

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-international-advanced-levels/geography-2016.html

Unit	Unit Content	Assessment
Unit 1: Global Challenges	The meaning, causes, impacts and management of global challenges. How we can influence global challenges through our own attitudes and actions Two compulsory topics form this unit: ● **Topic 1:** World at Risk ● **Topic 2:** Going Global	30% of the total A Level raw mark One hour and 45 minute examination paper in two sections: **Section A:** data response and short-answer questions **Section B:** choice of World at Risk or Going Global longer/guided essay questions
Unit 2: Geographical Investigations	A closer look at how physical and human issues influence lives and can be managed, at a local scale. Two compulsory topics form this unit: ● **Topic 1:** Crowded Coasts ● **Topic 2:** Urban Problems, Planning and Regeneration	20% of the total A Level raw mark One hour and 30 minute examination paper in three sections: **Section A:** data response and short-answer questions on 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 Crowded Coasts or Urban Problems, Planning and Regeneration.
Unit 3: Contested Planet	**Content summary** Physical systems underpin the distribution and use of resources, and resource management is a key issue for geography in today's world. Consumption patterns highlight stark inequalities between regions, countries	30% of the total A Level raw marks Two hour examination paper in three sections:

	and groups of people. Many resources are finite, and rising consumption means that difficult decisions over the use of resources will have to be taken more frequently. **Section A** – compulsory topics: • Topic A1: Atmosphere and Weather Systems • Topic A2: Biodiversity Under Threat **Section B** – optional topics: • Option studied: Topic B1: Energy Security or Topic **Section C** – optional topics: • Option studied: Topic C1: Superpower Geographies	**Section A**: longer/guided essay questions and a synoptic question. **Section B**: choice of one data response/essay question from two topics (B1 or B2). **Section C**: choice of one data response/essay question from two topics (C1 or C2).
Unit 4: Researching Geography	Options range from those with a strong physical geography focus, to those concerned more with environmental, social and cultural geographies. Students must select and study one of the following research options: **Option chosen:** Human Health and Disease, Tectonic Activity and Hazards, Feeding the world's people or Cultural diversity.	20% of the total A Level raw marks One hour and 30 minute examination paper Candidates will be given a list of questions based on the four options. Candidates will select and answer one question that relates to the option they have studied.

Advanced Level: History [AQA]

Overview

Component 1: Breadth study
Each Breadth Study requires the study of an extended period and enables students to develop secure understanding of the process of change over time.

Each Breadth Study is introduced by six key questions which identify issues and perspectives which are central to the period of study. Students to develop an understanding of:
The nature of causes and consequences, of change and continuity and of similarity and differences over a long period of time
The links between perspectives, such as political, economic, social or religious as well as appreciating developments relating to the perspectives separately over time
The role played by individuals, groups, ideas or ideology.

Component 2: Depth study
Each Depth Study is focused on a significant period of historical change or development. Students will gain deep understanding of change and continuity through the study of the interrelationships of a variety of perspectives as indicated in the content. They will develop detailed knowledge and understanding of developments and the roles of individuals, groups, ideas and ideology. Depth Studies also promote an understanding of the complexity of the historical process through a detailed focus on a specific period of change.

Component 3: Historical investigation – non-exam assessment (A-level only)
Students will be required to identify an issue they wish to study and develop a question from this issue which will be the focus of the Historical Investigation.

Course Description

Specification Code: 7042

Specification Link: https://www.aqa.org.uk/subjects/history/a-level/history-7042/specification

Unit	Unit Content	Assessment
1K The making of a Superpower: USA, 1865–1975	This option allows students to study in breadth issues of change, continuity, cause and consequence in this period through the following key questions: How did government, political authority and political parties change and develop? In what ways did the economy and society of the USA change and develop? How did the role of the USA in world affairs change? How important were ideas and ideology? How united was the USA during this period? How important was the role of key individuals and groups and how were they affected by developments? **Part one: from Civil War to World War, 1865–1920** ● The Era of Reconstruction and the Gilded Age, 1865–1890 ● Populism, progressivism and imperialism, 1890-1920 **Part two: crises and the rise to World Power, 1920-1975**	● Written exam: 2 hours 30 minutes ● Three questions (one compulsory) ● 80 marks ● 40% of A-level

	● Crisis of identity, 1920–1945 ● The Superpower, 1945–1975	
2S The Making of Modern Britain, 1951–2007	This option provides for the study in depth of the key political, economic, social and international changes which helped to mould Britain in the second half of the 20th century. It explores concepts such as government and opposition, class, social division and cultural change. It encourages students to reflect on Britain's changing place in the world as well as the interrelationship between political policies, economic developments and political survival. **Part one: building a new Britain, 1951–1979** ● The Affluent Society, 1951–1964 ● The Sixties, 1964–1970 ● The end of Post-War Consensus, 1970–1979 ● **Part two: Modern Britain, 1979–2007** ● The impact of Thatcherism, 1979–1987 ● Towards a new Consensus, 1987–1997 ● The Era of New Labour, 1997–2007	● Written exam: 2 hours 30 minutes ● Three questions (one compulsory) ● 80 marks ● 40% of A-level
Historical Investigation/ Coursework	A personal study based on 19th Century Japan. Students will choose their question based on their interests or university focus.	● 3500–4500 words ● 40 marks ● 20% of A-level ● Marked by teachers ● Moderated by AQA

International Advanced Level: Mathematics [Edexcel]

Please note that this course and IAL Further Mathematics are the only Modular A Level Courses

Overview

The course encourages students to:

- develop their understanding of mathematics and mathematical processes in a way that promotes confidence and fosters enjoyment
- develop abilities to reason logically and recognise incorrect reasoning, to generalise and to construct mathematical proofs
- extend their range of mathematical skills and techniques and use them in more difficult, unstructured problems
- develop an understanding of coherence and progression in mathematics and of how different areas of mathematics can be connected
- recognise how a situation may be represented mathematically and understand the relationship between 'real-world' problems and standard and other mathematical models and how these can be refined and improved
- use mathematics as an effective means of communication
- read and comprehend mathematical arguments and articles concerning applications of mathematics
- acquire the skills needed to use technology such as calculators and computers effectively, recognise when such use may be inappropriate and be aware of limitations
- develop an awareness of the relevance of mathematics to other fields of study, to the world of work and to society in general
- take increasing responsibility for their own learning and the evaluation of their own mathematical development.

The International Advanced Level in Mathematics comprises six units.

The International Advanced Subsidiary is the first half of the IAL course and comprises three units; Pure Mathematics 1, Pure Mathematics 2 plus one of the Applications units M1 or S1.

The full International Advanced Level award comprises six units; Pure Mathematics 1, 2, 3, 4 plus two Applications units: M1 and S1.

Course Description

Specification Code: XMA01, YMA01

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-international-advanced-levels/mathematics-2018.html

Year	Content	Assessment
IAS Mathematics (Year 12)	Compulsory Units Pure Mathematics 1 (P1): Algebra and Functions; Coordinate Geometry in the (x, y) plane; Trigonometry; Differentiation; Integration. Pure Mathematics 2 (P2): Proof; Algebra and Functions; Coordinate Geometry in the (x, y) plane; Sequences and Series; Exponentials and Logarithms; Trigonometry; Differentiation; Integration.	One written examination per unit Each examination paper lasts one hour 30 minutes. Each examination paper has 75 marks. Calculators can be used for all unit examinations

	<u>Optional Units - Students must do one of:</u> Statistics 1 (S1): Mathematical models in probability and statistics; Representation and Summary of Data; Probability; Correlation and Regression; Discrete Random Variables; Discrete Distributions; the Normal Distribution. Mechanics 1 (M1): 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.	Availability: June P1 - $16\frac{2}{3}$% of IAL P2 - $16\frac{2}{3}$% of IAL M1 - $16\frac{2}{3}$% of IAL or S1 - $16\frac{2}{3}$% of IAL
IAL Mathematics (Year 13)	<u>Compulsory Units:</u> Pure Mathematics 3 (P3): Algebra and Functions; Trigonometry; Exponentials and Logarithms; Differentiation; Integration; Numerical Methods. Pure Mathematics 4 (P4): Proof; Algebra and Functions; Coordinate Geometry in the (x, y) plane; Binomial Expansions; Differentiation; Integration; Vectors. <u>Optional Units - Students must do one of:</u> Statistics 1 (S1) (if M1 was studied in Year 12): Mathematical models in probability and statistics; Representation and Summary of Data; Probability; Correlation and Regression; Discrete Random Variables; Discrete Distributions; the Normal Distribution. Mechanics 1 (M1) (if S1 was studied in Year 12): 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.	One written examination per unit. Each examination paper lasts one hour 30 minutes. Each examination paper has 75 marks. Calculators can be used for all unit examinations Availability: June P3 - $16\frac{2}{3}$% of IAL P4 - $16\frac{2}{3}$% of IAL M1 - $16\frac{2}{3}$% of IAL or S1 - $16\frac{2}{3}$% of IAL

International Advanced Level: Further Mathematics [Edexcel]

Please note that this course and IAL Mathematics are the only Modular A Level Courses

Overview

The course encourages students to:

- develop their understanding of mathematics and mathematical processes in a way that promotes confidence and fosters enjoyment
- develop abilities to reason logically and recognise incorrect reasoning, to generalise and to construct mathematical proofs
- extend their range of mathematical skills and techniques and use them in more difficult, unstructured problems
- develop an understanding of coherence and progression in mathematics and of how different areas of mathematics can be connected
- recognise how a situation may be represented mathematically and understand the relationship between 'real-world' problems and standard and other mathematical models and how these can be refined and improved
- use mathematics as an effective means of communication
- read and comprehend mathematical arguments and articles concerning applications of mathematics
- acquire the skills needed to use technology such as calculators and computers effectively, recognise when such use may be inappropriate and be aware of limitations
- develop an awareness of the relevance of mathematics to other fields of study, to the world of work and to society in general
- take increasing responsibility for their own learning and the evaluation of their own mathematical development.

The International Advanced Level in Further Mathematics comprises six units.

The International Advanced Subsidiary in Further Mathematics is the first half of the IAL course and comprises three units; Further Pure Mathematics unit FP1 plus two other Applications units (excluding P1, P2, P3 and P4).

The full International Advanced Level award comprises six units; Further Pure Mathematics units FP1, FP2, FP3 and a further three Applications units (excluding P1, P2, P3 and P4) to make a total of six units. Students who are awarded certificates in both International Advanced Level Mathematics and International Advanced Level Further Mathematics must use unit results from 12 different teaching modules.

The structure of this qualification allows teachers to construct a course of study which can be taught and assessed as distinct modules of teaching and learning with related units of assessment taken at appropriate stages during the course.

Course Description

Specification Code: XFM01, YFM01

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-international-advanced-levels/mathematics-2018.html

Year	Unit Content	Assessment
IAL Mathematics	Compulsory Units:	One written examination per unit

(Year 12)	Pure Mathematics 1 (P1): Algebra and Functions; Coordinate Geometry in the (x, y) plane; Trigonometry; Differentiation; Integration. Pure Mathematics 2 (P2): Proof; Algebra and Functions; Coordinate Geometry in the (x, y) plane; Sequences and Series; Exponentials and Logarithms; Trigonometry; Differentiation; Integration. Pure Mathematics 3 (P3): Algebra and Functions; Trigonometry; Exponentials and Logarithms; Differentiation; Integration; Numerical Methods. Pure Mathematics 4 (P4): Proof; Algebra and Functions; Coordinate Geometry in the (x, y) plane; Binomial Expansions; Differentiation; Integration; Vectors. Statistics 1 (S1): Mathematical models in probability and statistics; Representation and Summary of Data; Probability; Correlation and Regression; Discrete Random Variables; Discrete Distributions; the Normal Distribution. Mechanics 1 (M1): 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.	Each examination paper lasts one hour 30 minutes Each examination paper has 75 marks Calculators can be used for all unit examinations Availability: January and June P1 - $16\frac{2}{3}$% of IAL P2 - $16\frac{2}{3}$% of IAL P3 - $16\frac{2}{3}$% of IAL P4 - $16\frac{2}{3}$% of IAL M1 - $16\frac{2}{3}$% of IAL S1 - $16\frac{2}{3}$% of IAL
IAL Further Mathematics (Year 13)	<u>Compulsory Units:</u> Further Pure Mathematics 1 (FP1): Complex Numbers; Roots of Quadratic Equations; Numerical solution of equations; Coordinate Systems; Matrix Algebra; Transformations using Matrices; Series; Proof. Further Pure Mathematics 2 (FP2): Inequalities; Series; Further Complex Numbers; First Order Differential Equations; Second Order Differential Equations; Maclaurin and Taylor series; Polar Coordinates. Further Pure Mathematics 3 (FP3): Hyperbolic Functions; Further Coordinate Systems; Differentiation; Integration; Vectors; Further Matrix Algebra. Statistics 2 (S2): The Binomial and Poisson Distributions; Continuous Random Variables; Continuous Distributions; Samples; Hypothesis Tests. Mechanics 2 (M2): Kinematics of a particle moving in a straight line or plane; Centres of Mass; Work and Energy; Collisions;	One written examination per unit Each examination paper lasts one hour 30 minutes Each examination paper has 75 marks Calculators can be used for all unit examinations Availability: January and June FP1 - $16\frac{2}{3}$% of FM IAL FP2 - $16\frac{2}{3}$% of FM IAL FP3 - $16\frac{2}{3}$% of FM IAL M2 - $16\frac{2}{3}$% of FM IAL S2 - $16\frac{2}{3}$% of FM IAL D1 - $16\frac{2}{3}$% of FM IAL

	Statics of Rigid Bodies. Decision 1 (D1): Algorithms; Algorithms on Graphs; Algorithms on Graphs II; Critical Path Analysis; Linear Programming.	

Advanced Level: Media Studies [CIE]

Overview

The aim of the Cambridge International AS and A Level Media Studies course is to encourage learners to understand both the theoretical and practical elements of the construction of Media texts. A strong practical element of the course allows students to demonstrate their understanding of Media theory and express their creativity through the creation of several Media texts, primarily focussed on print and moving image formats. Cambridge International AS and A Level Media Studies is recognised by universities and employers as proof of knowledge and understanding of the media and its role in our daily lives. Successful candidates gain lifelong skills, including:

- The ability to apply practical skills creatively
- Research and evaluation skills
- Information management and project management skills
- The ability to analyse text and media products critically
- The ability to reflect critically upon their own learning

Course Description

Specification Code: 9607

Course Specification:
https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-international-as-and-a-level-media-studies-9607/

Section	Content	Assessment
Component 1	**Foundation Portfolio** Coursework in which candidates work individually to produce a print-based media product, digital evidences of the process of their work and a creative critical reflection	50 Marks Weighting - 25% Internally Assessed and Externally Moderated
Component 2	**Key Media Concepts** Written exam consisting of two questions: **Section A - Textual Analysis and Representations** Candidates answer one question based on an unseen moving image extract **Section B - Institution and Audiences** Candidates answer one question from a choice of two, relating to contemporary practices in the Film Industry.	50 Marks Weighting - 25% Externally Assessed
Component 3	**Advanced Portfolio** Coursework in which candidates produce a promotional package for their own music video, documentary or short film, digital evidence of the process of their work and a creative critical reflection.	50 Marks Weighting - 25% Internally assessed and Externally Moderated
Component 4	**Critical Perspectives** Written exam consisting of three questions: **Section A: Media Debates** Candidates answer two questions from a choice of three, encapsulating Media Regulation, Postmodern Media and Power and The Media **Section B: Media Ecology** Candidates answer one essay based question relating to Media Ecology	60 Marks Weighting - 25% Externally Assessed

Advanced Level: Music [CIE]

Overview

Cambridge A Level Music provides opportunities for learners to develop and improve their musical skills in a wide range of music styles and traditions. It allows learners to explore and build on their interests. The syllabus encourages independent expression and the development of a critical, reflective practice. It is designed to accommodate a range of music and resources, and the different skills and interests of teachers. Cambridge A Level Music encourages learners to be:

- confident, developing musical skills and understanding and communicating confidently
- responsible, understanding and appreciating musical and cultural frameworks
- reflective, developing through analysis and evaluation the process and outcome of their listening, composing and performing
- innovative, experimenting with ideas and processes to create, recreate and reframe music
- engaged, enriching their work by engaging with the world of musicians and with their own musicianship and intellectual development.

The Music A level course is a step up from the Music GCSE and therefore prior knowledge of the subject is desirable but not essential. Ability to play an instrument or sing to at least ABRSM Grade 5 level is essential. Students are also required to regularly attend either Sinfonia or Kellett Voices, as appropriate.

Course Description

Specification Code: Music 9483

Specification Link:
https://www.cambridgeinternational.org/programmes-and-qualifications/cambridge-international-as-and-a-level-music-9483/

Unit	Unit Content	Assessment
	CORE COMPONENTS - Compulsory for all Students	**50%**
Paper 1	Listening Paper - 100 marks There are three sections in the Listening paper: A: Compositional Techniques and Performance Practice B: Understanding Music C: Connecting Music Students are expected to have a thorough understanding of 6 set works and a wide general musical knowledge.	Externally Assessed 2 hour paper 30% weighting
Component 2: Practical Music	Coursework 100 marks There are two compulsory elements: performing and composing. Candidates must complete: ● 6–10 minute performance ● two contrasting compositions, 1–2 minutes each	Internally assessed and externally moderated 20% weighting
	OPTIONAL COMPONENTS - Students select 2 from below	**50%**
Component 3: Extended Performance	Coursework 100 marks There are two parts to Extended Performance: ● 15–20 minute performance ● 1000–1500-word research report	Externally assessed 25% weighting
Component 4: Extended Composition	Coursework 100 marks There are two parts to Extended Composition: ● 6–8 minute composition	Externally assessed

	● 1000–1500-word research report	25% weighting
Component 5: Investigations Music	Coursework 100 marks There are two parts to Investigating Music: ● 2500–3000-word essay ● up to 500-word reflective statement	Externally assessed 25% weighting

Advanced Level: Physical Education [AQA]

Overview

The GCE A level in Physical Education is a two year linear course which incorporates three major elements: written examination, practical performance and analysis of performance.

The written examination makes up 70% of the final mark and looks at the factors affecting participation in physical activity and sport (Year 12) and the factors affecting optimal performance (Year 13).

The practical performance requires students to be assessed in one activity from the AQA specification in the role of either performer or coach. This combined with an analysis of performance within that sport makes up the remaining 30% of the qualification.

The examination element gives students the opportunity to study a range of theoretical components with Physical Education including Physiology, Biomechanics, Psychology, Sociology and Skill Acquisition and as such provides an excellent grounding for further study in a wide variety of PE and sport related fields.

The A Level PE course builds on the work of the PE IGCSE and therefore a prior knowledge of the subject is desirable but not essential.

Course Description

Specification Code: 7582

Specification Link:
https://www.aqa.org.uk/subjects/physical-education/a-level/physical-education-7582/specification/specification-at-a-glance

Unit	Unit Content	Assessment
Paper 1 (7582/1)	Factors affecting participation in physical activity and sport Section A: Applied anatomy and physiology Section B: Skill acquisition Section C: Sport and society	Two hour written examination 105 marks 35% of A Level Each section is worth 35 marks and has multiple choice, short answer and extended answer questions
Paper 2 (7582/2)	Factors affecting participation in physical activity and sport Section A: Exercise physiology and biomechanics Section B: Sport psychology Section C: Sport and society and technology in sport	Two hour written exam 105 marks 35% of A Level Each section is worth 35 marks and has multiple choice, short answer and extended answer questions
Non-exam (7582/C)	Students assessed as a performer or coach in the full sided version of one activity. Plus: written/ verbal analysis of performance	Internal assessment / external moderation 90 marks 30% of A Level

Advanced Level: Physics [Edexcel]

Overview

A level Physics is a linear course taught over two years, externally examined at the end of the two years of content in Year 13. The aims and objectives of the Pearson Edexcel Level 3 Advanced GCE in Physics are to enable students to develop:

- essential knowledge and understanding of different areas of the subject and how they relate to each other
- a deep appreciation of the skills, knowledge and understanding of scientific methods
- competence and confidence in a variety of practical, mathematical and problem-solving skills
- their interest in and enthusiasm for the subject, including developing an interest in further study and careers associated with the subject
- an understanding of how society makes decisions about scientific issues and how the sciences contribute to the success of the economy and society.

The content is relevant for learners who have achieved a GCSE in Physics and who want to study this subject at a higher level. The content has been updated from the previous Pearson Edexcel International Advanced Subsidiary in Physics and the previous Pearson Edexcel International Advanced Level in Physics qualifications. It covers the major topics in Physics, including mechanics, materials, waves, electricity, electric, magnetic and gravitational fields, thermodynamics, radiation, particles, oscillations and cosmology.

Students will develop their understanding and knowledge through both practical and theoretical lessons, which they can then apply to new and different situations. They will develop their problem solving and mathematical skills in unfamiliar situations, drawing on understanding from all aspects of Physics to answer questions.

Course Description

Specification Code: 9PH0

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/physics-2015.html

Unit	Unit Content	Assessment
Paper 1: Advanced Physics 1	30% of the total qualification. Students will be assessed on the following Topics: • 1: Working as a Physicist • 2: Mechanics • 3: Electric Circuits • 6: Further Mechanics • 7: Electric and Magnetic Fields • 8: Nuclear and Particle Physics	Assessment is 1 hour 45 minutes. The paper consists of 90 marks. The paper may include multiple-choice, short open, open-response, calculations and extended writing questions. The paper will include questions that target mathematics at Level 2 or above. Overall, a minimum of 40% of the marks across the three papers will be awarded for mathematics at Level 2 or above. Students will be expected to apply their knowledge and understanding to familiar and unfamiliar contexts.

Paper 2: Advanced Physics 2	30% of the total qualification Students will be assessed on the following Topics: ● 1: Working as a Physicist ● 4: Materials ● 5: Waves and Particle Nature of Light ● 9: Thermodynamics ● 10: Space ● 11: Nuclear Radiation ● 12: Gravitational Fields ● 13: Oscillations	Assessment is 1 hour 45 minutes. The paper consists of 90 marks. The paper may include multiple-choice, short open, open-response, calculations and extended writing questions. The paper will include questions that target mathematics at Level 2 or above. Overall, a minimum of 40% of the marks across the three papers will be awarded for mathematics at Level 2 or above. Students will be expected to apply their knowledge and understanding to familiar and unfamiliar contexts.
Paper 3: General and Practical Principles in Physics	40% of the total qualification Questions in this paper may draw on any of the topics in this specification. The paper will include synoptic questions that may draw on two or more different topics. The paper will include questions that assess conceptual and theoretical understanding of experimental methods (indirect practical skills) that will draw on students' experiences of the core practicals.	Assessment is 2 hours 30 minutes. The paper consists of 120 marks. The paper may include, short open, open-response, calculations and extended writing questions. The paper will include questions that target mathematics at Level 2 or above. Overall, a minimum of 40% of the marks across the three papers will be awarded for mathematics at Level 2 or above. Some questions will assess conceptual and theoretical understanding of experimental methods. Students will be expected to apply their knowledge and understanding to familiar and unfamiliar contexts.
Science Practical Endorsement **(assessed during practical work in school)**	The assessment of practical skills is a compulsory requirement of the course of study for A level Chemistry. It will appear on all students' certificates as a separately reported result, alongside the overall grade for the qualification. Students must carry out a minimum of 12 practical activities	Students' practical work will be assessed by teachers, using common practical assessment criteria (CPAC) that are consistent across exam boards. Students who demonstrate the required standard across all the requirements of the CPAC will receive a 'pass' grade.

Advanced Level: Politics [Edexcel]

Overview

The aims and objectives of this qualification are to enable students to:

• develop knowledge and an informed understanding of contemporary political structures and issues in their historical context, both within the United Kingdom (UK) and globally
• develop a critical awareness of the changing nature of politics and the relationships between political ideas, institutions and processes
• develop knowledge and an informed understanding of the influences and interests which have an impact on decisions in government and politics
• develop knowledge and an informed understanding of the rights and responsibilities of individuals and groups
• develop the ability to critically analyse, interpret and evaluate political information to form arguments and make judgements
• develop an interest in, and engagement with, contemporary politics.

Course Description

Specification Code: (9PLO)

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-a-levels/politics-2017.html

Component	Unit Content	Assessment
1	**UK Politics** 1. Political Participation, students will study: • democracy and participation, political parties, electoral systems, voting behaviour and the media. 2. Core Political Ideas, students will study: • conservatism, liberalism, socialism.	• Written exam: 2 hours • 84 marks • 33⅓ % of A-level
2	**UK Government** 1. students will study: • the constitution, parliament, Prime Minister and executive, relationships between the branches. 2. Non-core political ideas, students will study: • one idea from the following: anarchism, ecologism, feminism, multiculturalism, nationalism.	• Written exam: 2 hours • 84 marks • 33⅓ % of A-level
3	**Global (3B)** 1. Students will study: • sovereignty and globalisation, global governance: political and economic, global governance: human rights and environmental, power and developments, regionalism and the European Union, comparative theories	• Written exam: 2 hours • 84 marks • 33⅓ % of A-level

Advanced Level: Psychology [AQA]

Overview

This course is designed to allow students the opportunity to develop mastery over the fundamental concepts, theories and research methods that underpin Psychology. The first year will develop student's understanding of core approaches to modern Psychology whilst also fostering skills in research methods, data collection and analysis. These core components cover areas of social, cognitive, biological & behavioural Psychology. Rather than theory and research being learned in isolation, the course requires that students apply concepts to real world issues and develop the skills to carry out investigative research into course topics areas.

The second year builds on the skills and knowledge from year one, especially with regards to the issues and debates such as free-will vs determinism. Year 2 also provides an opportunity to apply knowledge to a diverse range of specialist option topics designed to cohere with content and skills from Year 1. Over the two years students will develop evaluative and critical thinking skills whilst also being given the opportunity to conduct original research and develop investigation skills which will be essential for university. Students will also learn how to develop robust academic thinking and problem-solving abilities which will stay with them for life.

This GCE course is linear with no coursework element meaning all exams will be taken at the end of Year 13.

Course Description

Specification Code: 7182

Specification Link: https://www.aqa.org.uk/subjects/psychology/a-level/psychology-7182/specification

Unit	Unit Content	Assessment
Introductory Topics to Psychology	**Overview of Content** **Social Influence in Psychology:** This covers conformity, obedience and personality factors that might affect behaviours in group settings. We cover famous research such as Milgram and Zimbardo and look into how the standards for ethical research have changed over time. **Memory** The unit focuses on different memory models and the seminal psychological research that have led to their development. This unit also covers factors that can affect eyewitness testimony and the use of cognitive interviews. **Attachment** This looks at caregiver-infant interactions, the stages of attachment and the different types of attachment focusing on the work of Ainsworth and Bowlby. Similarly cross-cultural research and maternal deprivation are also addressed. **Psychopathology** This covers how abnormality is defined and diagnosed in clinical psychology and looks at the disorders of phobias, depression and OCD. Associated explanations and treatments are also covered.	33.3% of the total A Level raw mark A two hour examination paper of 96 marks.
Psychology in Context	**Overview of Content** **Approaches in Psychology**	33.3% of the total A Level

	This unit looks at the basic assumptions of the learning, cognitive, biological & psychodynamic approach whilst also looking into humanistic psychology and its applications. **Biopsychology** This unit covers fundamental biological concepts central to Psychology such as the nervous & endocrine system, brain function, localisation and plasticity. Ways of studying the brain are also covered. **Research Methods** These are addressed throughout the course and include learning about the scientific process and research methods specific to psychology. Techniques include observations, interviews and questionnaires.	A two hour examination paper of 96 marks
Issues & Options in Psychology	**Overview of Content** **Issues & Debates in Psychology** Issues include ethical implications of research and cultural and gender issues of Psychology and its application. Debates include the nature nurture debate in psychological explanation and the debate of free will vs determinism to name a few. **Relationships** Here the unit explores evolutionary, social and economic explanations for relationship formation and dissolution. **Schizophrenia** Symptoms, diagnosis, explanations and treatments are explored from psychological and biological perspectives. **Forensic Psychology** Biological and psychological explanations for offender behaviour. This option also evaluates the ways of dealing with offenders in terms of recidivism and mental health.	33.3% of the total A-level A two hour examination worth 96 marks in three sections

Advanced Level: Spanish [AQA]

Overview

The GCE A level in Spanish is a two year course which enables students to develop their linguistic skills alongside their understanding of the culture and society of the countries where Spanish is spoken.

Students will study technological and social change, looking at the multicultural nature of Hispanic society. They will study highlights of Hispanic artistic culture, including a focus on Spanish regional identity and the cultural heritage of past civilisations. They will learn about aspects of the diverse political landscape of the Hispanic world.

Students will explore the influence of the past on present-day Hispanic communities. Throughout their studies, they learn the language in the context of Hispanic countries and issues and influences which have shaped them. Students will study texts and film and will have the opportunity to carry out independent research on an area of their choice.

Course Description

Specification Codes: 7692

Specification Link:
https://www.aqa.org.uk/subjects/spanish/a-level/spanish-7692/specification

Unit	Unit Content	Assessment
Paper 1: Listening, reading and writing	● Aspects of Hispanic society ● Artistic culture in the Hispanic world ● Multiculturalism in Hispanic society ● Aspects of political life in Hispanic society ● Grammar	Written exam: 2 hours 30 minutes 100 marks 50% of A-level
Paper 2: Writing	● One text and one film or two texts from the list set in the specification ● Grammar	Written exam: 2 hours 80 marks in total 20% of A-level
Paper 3: Speaking	● Individual research project ● One of four themes: - Aspects of Hispanic society - Artistic culture in the Hispanic world - Multiculturalism in Hispanic society - Aspects of political life in Hispanic society	Oral exam: 21–23 minutes (including 5 minutes preparation time) 60 marks in total 30% of A-level

Extended Project Qualification (EPQ) [Edexcel]

Overview

The Level 3 Extended Project qualification supports learners with the transition to higher education or into the world of work. The EPQ gives students the opportunity to develop critical, reflective, problem-solving and independent learning skills through the planning, research and evaluation of a self-selected project. Throughout their in-depth study, learners will develop and apply skills creatively, resulting in one of four project outcomes:

- A dissertation
- An investigation
- A performance
- An artefact

Students have one hour of guided lesson time per week and are expected to work independently in addition to this. Level 3 Project qualifications are worth half an A level and up to 28 UCAS points. It is expected that students will have largely completed their projects by December of Year 13. The project is internally standardised by at least two mentors, it is then sent to the UK for external verification by Edexcel.

Key Skills:

- Ability to undertake independent learning
- Ability to undertake a wide variety of research
- Organisational skills e.g. the keeping of a regular activity log
- Passion in an area complementary to or outside of the school curriculum which the student feels sufficiently interested in to pursue independently

Specification Code: ZPJ30

Specification Link:
https://qualifications.pearson.com/en/qualifications/edexcel-project-qualification/level-3.html

Students choose **one** unit/discipline from the list below:

Unit	Unit Content	Assessment
P301 - **Dissertation**	This is a university-style dissertation on any topic which can be researched and argued about - for example, a controversial biological, historical, ethical, philosophical, psychological, economic or environmental issue. The dissertation uses secondary research sources to provide a reasoned defence of a point of view, with consideration of counter-arguments.	**Each project is marked under the following criteria:** **AO1: Manage (17%)** Identify, design, plan and carry out a project, applying a range of skills, strategies and methods to achieve objectives. **AO2: Use Resources (22%)** Research, critically select, organise and use information and select and use a range of sources. Analyse data, apply relevantly and demonstrate understanding of any links, connections and complexities of the topic. **AO3: Develop and Realise (44%)** Select and use a range of skills including, where appropriate, new technologies and problem solving, to
P302 - **Investigation**	This scientific investigative project involves the collection of data from primary research, which may happen within the context of a geographical or biological field study - for example, a study of erosion or pollution or a statistical survey of attitudes concerning a social issue. The Investigation uses primary sources of data, such as questionnaires, observation or scientific experimentation, with a process of hypothesis creation and testing.	
P303 - **Performance**	This involves the development of performance skills and techniques in a creative process leading up to a performance before a designated audience - for example, a performance of music, drama or sport. It can take the form of a response to a brief or performance commission.	

P304 - **Artefact**	This involves a process of research, design and the application of creative skills in developing and realising a piece of work in response to a client brief. Types of artefact project include creating a painting or sculpture, designing a piece of furniture or a garment, creating a website, solving an engineering or construction problem or producing a piece of graphic design.	take decisions critically and to achieve planned outcomes. **AO4: Review (17%)** Evaluate all aspects of the extended project, including outcomes in relation to stated objectives and own learning and performance. Select and use a range of communication skills and media to present evidenced project outcomes and conclusions in an appropriate format.

LAMDA: Public Speaking

Overview

The LAMDA communication syllabus is designed to enable students to develop a wide range of skills in public speaking. Learners will be able to deliver two prepared speeches and one impromptu speech. They will integrate their knowledge and skills, demonstrating an understanding of the subject matter and the techniques required to speak in public.

Presentation will be grounded in thorough and relevant preparation. Physical and vocal flexibility will be combined to engage the audience. Learners will be able to answer questions on the techniques required for speaking in public and for preparing speeches. They will also be able to demonstrate knowledge of different styles of speech.

During their examination, students should present their pieces to a wider imagined audience, of which the Examiner is a part, and not solely to the Examiner.

Course Description

The aim of the class is to have all students complete the Grade 8 Speaking in Public exam. LAMDA is recognised by OFQUAL and students can earn UCAS points (https://www.ucas.com/undergraduate/what-and-where-study/entry-requirements/ucas-tariff-points) which can aid in their applications for UK based colleges and universities.

The exam requirements are as follow:

Prepared Speech 1: Interpretation and Technique
The learner will deliver a prepared speech from memory examining a political or cultural issue of their own choice. The learner must state the imagined audience to whom the speech is to be given. The speech must not exceed four minutes in length. Note cards may be used.

Prepared Speech 2: Interpretation and Technique
The learner will deliver a prepared speech on a subject of their own choice. They must state the imagined audience to whom the speech is to be given. The speech must not exceed four minutes in length. Note cards may be used.

Visual aids must be used and referred to for at least one of the two speeches listed above.

Where technical equipment is required, the Learner must provide their own for use in the examination room.

Impromptu Speech:
The learner will deliver an impromptu speech. A choice of three topics will be provided to the learner at the start of their examination. They will select one of the topics, and will have 15 minutes in the examination room to prepare the speech. It must not exceed three minutes in length. The learner must state the imagined audience to whom the speech is to be given. Note cards may be used.

Knowledge
The learner will answer questions on the following:

- the effective use of rhetorical questions, variation of tone, inflection, pace and volume
- the effective use of visual aids
- the steps taken in the preparation and delivery of the impromptu speech
- a variety of styles of speech

Public speaking is a life skill; one that most of us use more frequently than we realise. The emphasis of the course is preparing the students for the exam which will take place in May 2025, however, we also look at the necessary tools and skills required beyond an exam setting.

Unit	Unit Content	Assessment
1	● Qualities of a good public speaker ● Understanding the voice ● Vocal techniques and warm-ups ● Body language ● Facial expressions ● Using public speaking in real life scenarios	● Students will deliver a presentation on an individual whom they deem to be an excellent public speaker, highlighting the qualities which elevate their communication skills. ● Learners will present a Shark Tank-esque pitch.
2	● Common speech styles ● Conducting research ● Structuring your speech ● Enhancing your speech ● Cue card etiquette ● Effective use of visual aids ● Preparing for impromptu speeches	Learners will be presenting multiple speeches throughout this unit: ● Own choice speech x2 ● Impromptu speech ● Speech on a moral or ethical issue ● Impromptu speech
3	● Engaging your audience ● Memorising your speech ● Support material ● Case studies ● Exam required knowledge section	● Mock university interview ● Essay on all the the unites covered thus far ● Test on the knowledge Grade 8 section ● Impromptu speech ● Own choice speech ● Speech on a moral or ethical issue ● Mock exam (in class)

Mini-MBA

Overview

The Mini-MBA course is a chance for students to engage with IE University Professors within a Business start-up lab process. Students will work within teams developing their intrapersonal skills and understanding of the business world, tackling relevant and real-life problems in a business idea of their own.

Course Description

Topics	Skills developed	Assessment
Market Research	- Intrapersonal - Teamwork - Time management - Independence - Presentation - Creativity - Persistence	IE professors will assess students on: - Presentation of their work - Their business plan - Their self-reflection essay
Business Plan		
Marketing		
Finance		

SAT Prep

Overview

This course is designed to help students who intend to take the SAT (or the ACT) for admission to a US university. The content has been revised for the most recent iteration of the exam (which is now administered electronically) and uses authentic materials provided by the College Board.

Students will become familiar with the format of the SAT, the content and skills covered in its two main sections, the history and purpose of the test in college admissions, and the best strategies for maximising their score. As students progress through the course, they will be able to identify the skills or question types they need to practice to be successful via authentic materials designed to increase familiarity with the exam and improve time management and confidence.

After reviewing fundamentals pertinent to each section, the course will focus on completing practice sections and discussing the particulars of difficult questions as a group.

Course Description

Specification link: https://satsuite.collegeboard.org/media/pdf/digital-sat-test-spec-overview.pdf

Unit	Unit Content	Assessment
Reading	• Overview of the format and style of SAT Reading passages • Common question types and how to recognize them • Elimination strategies to find the best answer	Full length SAT practice test section (most recent iteration)

Writing and Language	• Overview of the format and style of SAT Writing and Language questions
	• Common question types and how to recognize them
	• Review of the relevant fundamentals of English grammar tested on the SAT, e.g.:
	  ○ Punctuation (commas, semicolons and colons)
	  ○ Syntax (run-on sentences, fragments)
	  ○ Coordination (conjunction types, transition words)
		Full length SAT practice test section (most recent iteration)

Mathematics	• Overview of the format and style of SAT math questions
	• Common question types and how to recognize them
	• Time-saving strategies for getting correct answers quickly and reliably on multiple-choice questions (backsolving, picking numbers)
	• Review of the relevant fundamentals of topics in mathematics tested on the SAT:
	  ○ algebra (linear equations)
	  ○ advanced algebra (quadratics)
	  ○ tables, graphs, statistics
	  ○ geometric solids
	  ○ triangles, polygons, circles
	  ○ imaginary numbers
	  ○ right-triangle trigonometry
		Full length SAT practice test section (most recent iteration)