

Cambridge AICE

A passport to success in education, university and work

Cambridge
AICE



Cambridge Advanced

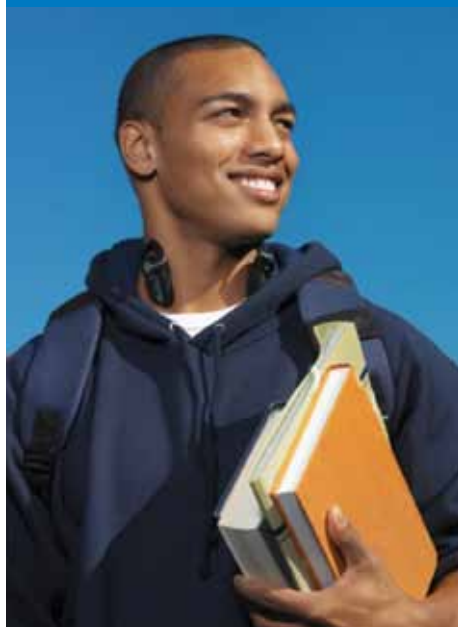


UNIVERSITY *of* CAMBRIDGE
International Examinations

Excellence in education

About us

University of Cambridge International Examinations is the world's largest provider of international education programmes and qualifications for 5 to 19 year olds. We are part of the University of Cambridge, one of the world's top universities and trusted for excellence in education. Our qualifications are recognised by the world's universities and employers.



Welcome to Cambridge AICE

The Cambridge Advanced International Certificate of Education (AICE) is an international pre-university curriculum and examination system that emphasises the value of broad and balanced study. Designed for post-16 study, Cambridge AICE demands mastery of a variety of subjects from three different groups: Mathematics and Sciences, Languages, Arts and Humanities.

Cambridge AICE was first examined in 1996 and has since become popular with a range of schools in different parts of the world. It encompasses the 'gold standard' Cambridge International AS and A Level qualifications, and offers students the opportunity to tailor their studies to their individual interests, abilities and future plans within an international curriculum framework.



The key benefits
of Cambridge AICE



The Cambridge AICE
curriculum



Cambridge AICE
credits



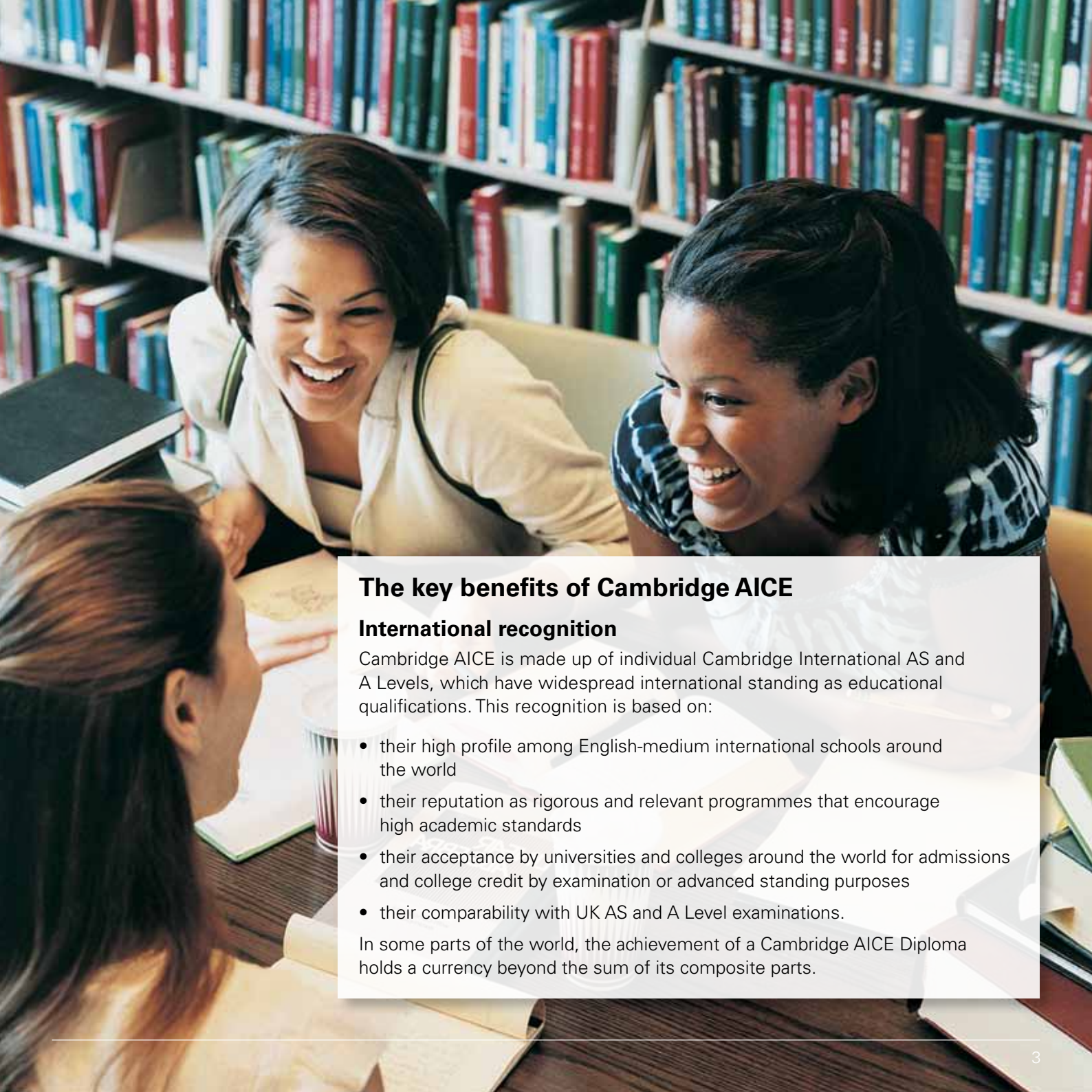
Global
Perspectives



Support for
Cambridge AICE



Administrative
support



The key benefits of Cambridge AICE

International recognition

Cambridge AICE is made up of individual Cambridge International AS and A Levels, which have widespread international standing as educational qualifications. This recognition is based on:

- their high profile among English-medium international schools around the world
- their reputation as rigorous and relevant programmes that encourage high academic standards
- their acceptance by universities and colleges around the world for admissions and college credit by examination or advanced standing purposes
- their comparability with UK AS and A Level examinations.

In some parts of the world, the achievement of a Cambridge AICE Diploma holds a currency beyond the sum of its composite parts.



The key benefits of Cambridge AICE (continued)

Flexible, broad and balanced

By demanding knowledge from three different subject groups, Cambridge AICE provides a broad curriculum with a balance of maths and science, languages, arts and humanities. It still maintains flexibility and choice by allowing students to pick specific subjects and levels.

Students can also opt to study Global Perspectives, a course that reinforces the skills of independent and in-depth study which are so vital to further education and our working lives. Learn more about Global Perspectives on page 8.

International relevance

The Cambridge International AS and A Level syllabuses that make up the Cambridge AICE Diploma have been created specially for an international audience. They provide an interesting and relevant course of study which results in a qualification equivalent in standard to UK A Levels. The content of Cambridge International AS and A Levels is carefully devised to suit the wide variety of our customers and avoid any cultural bias.

Affordability

We are a charitable foundation, which allows us to keep the costs of examining as low as possible for schools. We aim to encourage best practice in teaching and learning throughout the world. This aim is enhanced by maximising the number of schools using Cambridge programmes, which in turn is assisted by keeping costs to a minimum. All income is spent either on the administration of current assessments, or invested in the development of education, examinations and services.



The Cambridge AICE curriculum

Cambridge AICE draws on the extensive range of Cambridge International AS and A Level subjects.

Cambridge International AS and A Level

Cambridge International A Level has been offered by University of Cambridge International Examinations for over 50 years and is recognised worldwide as a qualification for entry into higher education and for college credit purposes. Cambridge International A Levels are also important to employers as an indication of the quality of potential recruits into the workplace.

Cambridge International AS Level was introduced to provide greater flexibility through an optional staged assessment taken at the mid-point of an Cambridge International A Level programme (after one year). Cambridge International AS Level can also be taken as a qualification in its own right to complement other subjects being studied and increase breadth in the curriculum.

There is the opportunity for Cambridge schools to develop their own Cambridge International AS

Level syllabuses to satisfy local subject requirements if these are not catered for in the Cambridge AICE subject groups.

Cambridge International AS and A Level qualifications are recognised by universities as being equivalent in value to UK AS and A Levels.

Cambridge International A and AS levels are eligible for credit by examination or for advanced placement purposes in many US universities.

“ One of the things we find with students who have studied Cambridge International AS and A Levels is that they have a real depth of understanding of the subject matter that they have had classes in, and a real engagement with it. ”

Stuart Schmill, Dean of Admissions,
Massachusetts Institute of Technology (MIT)



Cambridge AICE credits

Within the Cambridge AICE award framework, Cambridge International A Level counts as a double credit and Cambridge International AS Level counts as a full credit.

To be considered for a Cambridge AICE Diploma, a student must earn the equivalent of six credits by passing a combination of examinations at either double credit (Cambridge International A Level) or single credit (Cambridge International AS Level), with at least one course coming from each of Group A, B and C.

GROUP A: MATHEMATICS AND SCIENCES	
Applied Information and Communication Technology	Marine Science
Biology	Mathematics
Chemistry	Physical Education
Computing	Physical Science
Design and Technology	Physics
Environmental Management (full credit)	Psychology
Further Mathematics (double credit)	Thinking Skills

GROUP B: LANGUAGES	
Afrikaans (full credit)	French
Chinese	German
English Language (full credit)	Portugese
First Language Portugese (full credit)	Spanish
First Language Spanish (full credit)	Urdu

GROUP C: ARTS AND HUMANITIES

Accounting	Islamic Studies (double credit)
Art and Design	Language and Literature in English (full credit)
Business Studies	Law (double credit)
Classical Studies	Literature in English
Design and Textiles (double credit)	Music (full credit)
Divinity (double credit)	Music
Economics	Portugese Literature (full credit)
Food Studies (double credit)	Psychology
French Literature (full credit)	Sociology
General Paper (full credit)	Spanish Literature (full credit)
Geography	Thinking Skills
German Literature (full credit)	Urdu Literature (full credit)
History	

GROUP D: GLOBAL PERSPECTIVES

Global Perspectives
Cambridge Pre-U Global Perspectives and Research (GPR)*

Unless otherwise indicated, the subjects listed are available as full credit and double credit courses.

*Schools with access to Cambridge Pre-U GPR can also use entries for this subject to contribute to the Cambridge AICE Diploma.

For more details on each of these subjects, visit www.cie.org.uk





Cambridge International AS Level Global Perspectives

Cambridge International AS Level Global Perspectives is a new qualification that helps students meet the demands of twenty-first century study and make a successful transition to higher education.

The Global Perspectives syllabus is based on skills rather than on specific content, encouraging students to explore issues of global significance in an open and disciplined way. There are 28 topics to choose from.

A unique feature of Cambridge International AS Level Global Perspectives is the Critical Path. This approach to analysing and evaluating different perspectives helps students develop essential thinking and reasoning skills. By following the Critical Path, students learn how to deconstruct, reconstruct, reflect and communicate arguments.

As part of the assessment, students write a 1750 word essay on a global issue of their choice. They must also submit a presentation to Cambridge – based on stimulus material we provide – to show how well they can articulate an argument. We accept a wide range of formats, including posters, podcasts, PowerPoint, video, and blogs, and so it provides an excellent opportunity for students to work creatively and independently.

Assessment

Cambridge International AS and A Level examination sessions occur twice a year in June and November, with results issued in August and at the end of January respectively.

Cambridge International A Level uses a wide range of assessment processes and techniques to supplement formal written examinations – orals, practicals, projects and coursework of various types are all used in various subjects where they are the most effective and appropriate means of measuring attainment.

Both Cambridge International AS and A Level subjects are graded A through to E. Grade A* is awarded for the highest level of achievement at Cambridge International A level, grade E for the lowest, and a U grade (ungraded) is issued for papers that do not meet the requirements of the assessment. The Cambridge AICE Diploma is awarded on a points system, so each grade is converted to a number of points as shown in the table below.

Double Credit Study		Full Credit Study		Half Credit Study	
Grade	Points	Grade	Points	Grade	Points
A*, A	120	A	60	A	30
B	100	B	50	B	25
C	80	C	40	C	20
D	60	D	30	D	15
E	40	E	20	E	10

Students who meet the requirements of the group award will receive a Cambridge AICE Diploma at one of three levels: Pass, Merit or Distinction. The level awarded is based on the overall Cambridge AICE score:

Cambridge AICE Diploma with Distinction:

Awarded to students with a score of 320 points or above

Cambridge AICE Diploma with Merit:

Awarded to students with between 220 and 315 points

Cambridge AICE Diploma at Pass level:

Awarded to students with a score of between 120 and 215 points

Students who do not meet the requirements of the group award will receive certificates for their individual subjects.

Support for Cambridge AICE

We are always working on ways to enhance the Cambridge International AS and A Level and Cambridge AICE programmes.

We have a Curriculum and Teacher Support team, dedicated to equipping teachers with materials and skills to help them teach courses leading to Cambridge examinations and meet the needs of their students. This includes resources to support Cambridge International AS and A Level syllabuses, online support, teacher training and professional development.

Textbooks

Here is a list of some of the textbooks we endorse for Cambridge International AS and A Level. To see the full list of resources for each subject, go to the subject listings on our website at www.cie.org.uk/education

TITLE	AUTHOR	PUBLISHER	ISBN
Biology: Cambridge International AS and A Level	Mary Jones, Richard Fosebery, Jennifer Gregory and Dennis Taylor	Cambridge University Press	052153674X
Business Studies: Cambridge International AS and A Level	Peter Stimpson	Cambridge University Press	0521003679
Chemistry for Advanced Level	Peter Cann and Peter Hughes	John Murray	071958602X
Economics: Cambridge International AS Level and A Level	Colin Bamford, Keith Brunskill, Gordon Cain, Sue Grant, Stephen Munday and Stephen Walton	Cambridge University Press	052100781X
English Language and Literature: Cambridge International AS Level	Helen Toner and Elizabeth Whittome	Cambridge University Press	0521533376
Mechanics 1	Douglas Quadling	Cambridge University Press	0521530156
Mechanics 2	Douglas Quadling	Cambridge University Press	0521530164
Pure Mathematics 1	Douglas Quadling	Cambridge University Press	0521530156
Pure Mathematics 2 & 3	Hugh Neill and Douglas Quadling	Cambridge University Press	0521530121
Statistics 1	Steve Dobbs and Jane Miller	Cambridge University Press	052153013X
Statistics 2	Steve Dobbs and Jane Miller	Cambridge University Press	0521530148





Training

We have a well-established programme of training events that take place in many different countries around the world to provide teachers with the knowledge and skills needed to help students perform well in our examinations. Details about current and forthcoming training events are available on our website at www.cie.org.uk/events. Online training is also available, and proving very popular. It has made training more accessible to our teachers who are spread over a large geographical area.

Cambridge Professional Development qualifications

The Cambridge International Certificate and Diploma for Teachers and Trainers and the Cambridge International Diploma in Teaching with ICT provide strong frameworks for the development of key professional skills in the changing world of teaching and learning.

Learn more about Cambridge Professional Development qualifications at www.cie.org.uk/teachers



Administrative support

We are proud of our efficient administration of assessments, and aim to provide clear and concise information on all aspects of the examination process. On application for registration, you will receive a comprehensive handbook which covers all regulations for our schools, together with an administrative guide to all the processes involved in offering our examinations.

Once registered, you are well supported by comprehensive assistance from our Customer Services team, our local representatives, our operational staff and our secure administration website, CIE Direct.

How to register

Assessments and services from University of Cambridge International Examinations are renowned for their quality and international recognition. Institutions that wish to offer any Cambridge award must formally register with us and become a Cambridge school.

Further information about becoming a Cambridge school can be found on our website at www.cie.org.uk/startcambridge



Learn more!

Getting in touch is easy. To find out more about how Cambridge AICE can work in your school:

Email: international@cie.org.uk

Telephone: 011 44 1223 553 554

Visit: www.cie.org.uk/aice

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