

CAMBRIDGE ADVANCED PROGRAMS: part of the Cambridge Secondary Curriculum (High School Upper Division)

The Cambridge Advanced programs for the SCOBES pilot exist in a **wide range of subjects**.

There are **two examinations sessions** each year, in **May/June** and **October/November**, for these subjects.

The Cambridge Advanced programs on the following pages will be available in US English for **first teaching in September 2011** and **first examination in May/June 2012** (unless otherwise specified). They provide qualifications at Advanced Level (Cambridge A level) and Advanced Subsidiary level (Cambridge AS level).

A level = AS covered in the first half of the course + A2 covered in the second half of the course

(The A2 is not a separate qualification).

This flexible approach enables students to choose between three main options:

- take all AS and A2 components in the same examination session at the end of the course of study, normally the end of the second year
- take the AS components in an early examination session, normally at the end of the first year, followed by the A2 components at the end of the course, normally at the end of the second year
- take the AS Level only – this may be at the end of a one-year or two-year course

The structure of the Cambridge A Level allows co-teaching of students following both AS and A Level courses.

Other subjects may be found at www.cie.org.uk but these do not form part of this contract. These other courses are available at Cambridge normal fee rates and in their current form.

ENTRY FEE PRICES

	May/June 2012	October/November 2012 May/June 2013	October/November 2012 May/June 2013	October/November 2012 May/June 2013
<i>one-off candidate fee*</i> for Cambridge A level Cambridge AS Level Cambridge A2 Level	\$29.00	\$30.00	\$30.75	\$31.75
Cambridge A Level per subject	\$77.00	\$79.25	\$81.75	\$84.00
Cambridge AS or A2 per subject	\$51.00	\$52.50	\$54.00	\$55.75

*an additional fee is payable for each examination session a candidate enters for one or more Cambridge A and AS Level subjects (not applicable to Cambridge IGCSE)

Cambridge International Diploma in Business (vocational course)

Single Module fee \$42.00

Full Diploma (4 modules, not including re-sits) \$168

This entry fee covers the examinations, scoring and reporting of results.

The Cambridge Advanced International Certificate of Education (AICE) Diploma

Cambridge AICE is a credit-based **group award** which requires the study of subjects at AS and/or A Level drawn from three groups.

one A Level = 2 credits

one AS Level = 1 credit

AICE Diploma = 6 credits, 1 from each of the 3 groups

AICE Diplomas are graded according to a points system and may also contain a research component – for details see the CIE website.

AICE Diploma subject groups

Group A Mathematics and Science	Group B Languages	Group C Arts and Humanities
Mathematics (AS) and (A) Physics (AS) and (A) Chemistry (AS) and (A) Biology (AS) and (A)	English Language (AS) French Language (AS) French Literature (AS) French (A) Spanish Language (AS) Spanish Literature (AS) Spanish (A)	Global Perspectives (AS) English Literature (AS) and (A) Geography (AS) and (A) Economics (AS) and (A) Art and Design (AS) and (A) Music (AS) and (A) History (AS) and (A)

ENTRY FEE

	May/June 2012	October/November 2012 May/June 2013	October/November 2012 May/June 2013	October/November 2012 May/June 2013
AICE Diploma Entry Fee	\$80.00	\$82.50	\$85.00	\$87.50

Materials provided as part of the program for each subject (unless otherwise specified)

The Cambridge program includes significant resources for teachers, **free of charge**, through the Teacher Support website.

Syllabus

A comprehensive single document presenting clear expectations on subject content and the skills and knowledge the student will acquire during the program.

Scheme of Work

This sets out an appropriate order for the teaching of the content to give teachers a firm base to follow or adapt.

Specimen Question Papers and Mark Schemes

These typical examination papers exemplify the question types and standards that are typically presented.

Past Question Papers and Mark Schemes

These actual examination papers and the marking rubrics can be used to provide realistic practice for students.

Examiner Reports

Reports written by the examiners on the work of candidates with comments on how students answered key questions.

Discussion forum

Online support where teachers can exchange views, upload and share resources, ask questions and engage with a community of teachers with similar interests.

Additional materials may be purchased as indicated in the list below

These resources are optional. A wide range is frequently available so teachers can select the most appropriate support.

Materials are all reusable (student **Workbooks** are designed for students to write in and may be reused if students write on separate paper).

Material produced by CIE:

- *Standards Booklets:* contain hard copy extracts from candidates' work, with indication of the mark achieved and sometimes a brief comment from the examiner. These are not available on the Teacher Support Website.
- *The International Practical Science Guide:* for use with IGCSE or AS / AL Biology, Chemistry, Physics, Coordinated Science. Purpose of this guide is to encourage the increased use of practical work from primary through to the end of secondary schooling. Written specifically for schools with limited science resources. It gives advice on preparing and equipping a basic laboratory cheaply, safely and effectively. The book provides excellent and easy-to-follow guidance for teachers and laboratory technicians on setting up and carrying out practical work. It shows teachers how practical work does not have to be restricted by lack of equipment, lack of expertise or other factors.

Material produced by publishers:

- *'Endorsed':* CIE endorses a range of materials from different publishers as being closely matched to a specific syllabus. All endorsed materials have been assessed through a stringent review process against a defined set of criteria such as close coverage of the syllabus covered and suitability of the level of English used. ***Endorsed materials are in italics in the listing for each subject.***
- *'Recommended':* CIE recommends published material through a review process that confirms that this material is a valuable resource for a student or teacher to use as supplementary material. It is not as closely matched to the course as endorsed material.

For many subjects, there is a **choice** of endorsed and/or recommended text books. If a teacher requires advice about which to choose, Cambridge will be happy to provide guidance.

- **Textbooks / Coursebooks:** generic terms for books published for studying a particular syllabus.
- **Teachers' Books / Teachers' Resource Books / Teachers' Guides:** textbooks that provide teacher guidance on how to teach the subject to the student. These often also contain suggested classroom activities, teaching tips, lesson plans, etc.

- **Teachers' Kits / Teachers' Packs:** similar to the above but usually consisting of various elements, e.g. a teacher's book and teacher's CD-ROM
- **Students' Books:** Textbooks / Coursebooks written for the student to use in the classroom under the teacher's guidance (can be used for homework and self-study too). Usually called by the name of the subject covered, e.g. Cambridge IGCSE Biology
- **Workbooks:** additional material for students, usually published in black and white or 2 colours, containing exercises and activities giving the student practice in the skills required in a particular subject. **These may be reused only if students do not write their work in them.**

The cost of resources supplied by CIE is fixed for the duration of the contract. The price of resources supplied by publishers is the current list price at www.cie-source.com, given for information, and is subject to normal variation.

Key: **T** indicates a resource for teachers
S indicates a resource for students

Mathematics AS and A (first teaching September 2011; first examination May/June 2012)

There are different options available within the program combining Pure Math, Mechanics and Statistics to suit the needs of the students.

resource	available from	price
Past Papers T	CIE	free
Scheme of Work T	CIE	free
Syllabus T	CIE	free
Discussion forum T	CIE	free
FAQs T	CIE	free
List of Formulae and Tables of Normal Distribution T	CIE	\$1.00 each or \$6.00 for 10 copies
Specimen Papers and Mark Schemes T	CIE	\$7.00
Cambridge QKit Mathematics (Cambridge A Level Pure Math Papers 1, 2 and 3) T/S	Doublestruck www.qkit.co.uk	\$117.00
Cambridge QKit Mathematics (Cambridge A Level Applied Math Papers 4,5,6 and 7)	Doublestruck www.qkit.co.uk	\$117.00
Mechanics 1 (paper 4) textbook T/S	Cambridge University Press	\$20.00
Mechanics 2 (paper 5) textbook T/S	Cambridge University Press	\$21.00

<i>Pure Mathematics 1 textbook</i> T/S	Cambridge University Press	\$24.00
<i>Pure Mathematics 2 & 3 textbook</i> T/S	Cambridge University Press	\$20.00
<i>Statistics 1 (paper 6) textbook</i> T/S	Cambridge University Press	\$20.00
<i>Statistics 2 (paper 7) textbook</i> T/S	Cambridge University Press	\$20.00

Physics AS and A Level (first teaching September 2011; first examination May/June 2012)

resource	available from	price
Past Papers T	CIE	free
Scheme of Work T	CIE	free
Syllabus T	CIE	free
Discussion forum T	CIE	free
A Level Physics Applications Support Booklet T	CIE	\$12.00
AS/AL Standards Booklet T	CIE	\$7.00
Teaching AS Physics Practical Skills T	CIE	\$12.00
Teaching A2 Physics Practical Skills T	CIE	\$12.00
Planning for Practical Science in Secondary Schools T (for all science subjects)	CIE	\$5.00
The International Practical Science Guide T (for all science subjects)	CIE	\$12.00
<i>Cambridge International AS and A Level Physics Coursebook</i> S	Cambridge University Press	\$48.00
<i>Cambridge International AS and A Level Physics Teacher's Resource</i> T	Cambridge University Press	\$143.00
<i>International A/AS Level Physics</i> T/S	Hodder Education	\$56.00

Chemistry AS and A Level (first teaching September 2011; first examination May/June 2012)

resource	available from	price
Past Papers T	CIE	free
Scheme of Work T	CIE	free
Syllabus T	CIE	free
Discussion forum T	CIE	free
Data Booklet for CST260 for Chemistry (AS and A Level) T	CIE	\$1.00 each or \$6.00 for 10 copies
Standards Booklet T (hard copy)	CIE	\$7.00
2007 Specimen Papers and Mark Schemes (Papers 4, 5, 31) T	CIE	free

A Level Chemistry Applications Support Booklet T	CIE	\$12.00
Teaching AS Chemistry Practical Skills T	CIE	\$12.00
Teaching A2 Chemistry Practical Skills T	CIE	\$12.00
Planning for Practical Science in Secondary Schools T (for all science subjects)	CIE	\$5.00
The International Practical Science Guide T (for all science subjects)	CIE	\$12.00
<i>AS Level and A Level Chemistry</i> T/S	Cambridge University Press	\$46.00
* <i>Cambridge International A/AS-Level Chemistry Revision Guide</i> S	Hodder (January 2011)	\$23.00

Biology AS and A Level (first teaching September 2011; first examination May/June 2012)

resource	available from	price
Past Papers T	CIE	free
Scheme of Work T	CIE	free
Syllabus T	CIE	free
Discussion forum T	CIE	free
A Level Biology Applications Support Booklet T	CIE	\$12.00
Teaching A2 Biology Practical Skills T	CIE	\$12.00
Teaching AS Biology Practical Skills T	CIE	\$12.00
A Level Biology Standards Booklet T	CIE	\$7.00
AS Level Biology Standards Booklet T	CIE	\$7.00
The International Practical Science Guide T (for all science subjects)	CIE	\$19.00
Planning for Practical Science in Secondary Schools T (for all science subjects)	CIE	\$5.00
<i>Biology AS and A Level</i> T/S	Cambridge University Press	\$40.00
<i>Cambridge International A/AS Level Biology Revision Guide</i> S	Hodder	\$35.00

English Language AS (first teaching September 2011; first examination May/June 2012)

resource	available from	price
Past Papers T	CIE	free
Scheme of Work T	CIE	free
Syllabus T	CIE	free
In-service training pack T (power points/handouts for use by experienced teacher to deliver training on the assessment process)	CIE	free

Standards Booklet T (hard copy)	CIE	\$7.00
<i>English Language and Literature</i> T/S	Cambridge University Press	\$23.00

English Literature AS and A Level (first teaching September 2011; first examination May/June 2012)

resource	available from	price
Past Papers T	CIE	free
Scheme of Work T	CIE	free
Syllabus T	CIE	free
Discussion forum T	CIE	free
9695 Paper 3 Sample Answers T	CIE	free
9695 Paper 5 Sample Scripts T	CIE	free

Endorsed course materials from publishers are currently unavailable in the USA for copyright reasons – appropriate material will be identified in time for first teaching in September 2011.

French Language and Literature AS and French A Level (first teaching September 2011; first examination May/June 2012)

There is a very wide range of recommended resources for French listed on www.cie.org.uk

resource	available from	price
Past Papers T	CIE	free
Schemes of Work T	CIE	free
Syllabus T	CIE	free
FAQs T	CIE	free

Spanish Language and Literature AS and Spanish A Level (first teaching September 2011; first examination May/June 2012)

There is a very wide range of recommended resources for Spanish listed on www.cie.org.uk

resource	available from	price
Past Papers T	CIE	free
Schemes of Work T	CIE	free

Syllabus T	CIE	free
FAQs T	CIE	free

Geography AS and A Level (first teaching September 2011; first examination May/June 2012)

resource	available from	price
Past Papers T	CIE	free
Scheme of Work T	CIE	free
Syllabus T	CIE	free
Discussion forum T	CIE	free
FAQs T	CIE	free
Standards Booklet T (hard copy)	CIE	\$7.00
Specimen Papers and Mark Schemes T	CIE	\$7.00
<i>Cambridge A Level in Geography by G Nagle and P Guinness (due May 2011) T/S</i>	Hodder	tbc

History AS and A Level (first teaching September 2012; first examination May/June 2013)

New support materials and endorsed texts will be available for the Americanized program – the materials listed below are from the current program and give a good representation of the syllabus.

resource	available from	price
Past Papers T	CIE	free
Syllabus T	CIE	free
Discussion forum T	CIE	free

Global Perspectives AS (first teaching September 2011; first examination May/June 2012)

This exciting new skills-based AS course will be ready for first teaching in September 2011. It is closely modeled on Cambridge Pre-U Global Perspectives (Papers 1-3) program, which can be seen on the CIE website.

Economics AS and A Level (first teaching September 2011; first examination May/June 2012)

resource	available from	price
Past Papers T	CIE	free
Scheme of Work T	CIE	free
Syllabus T	CIE	free
Discussion forum T	CIE	free
Standards Booklet T (hard copy)	CIE	\$7.00
<i>Cambridge International AS and A Level Economics Second Edition</i> T/S	Cambridge University Press	\$41.00
<i>*Cambridge International AS and A Level Economics Teacher's Resource</i> T	Cambridge University Press	\$78.00 (February 2011)

Art and Design AS and A Level (first teaching September 2011; first examination May/June 2012)

This practically-based program incorporates a wide range of options such as **graphics, painting, textiles, photography, drawing, painting, sculpture** and more. Students may use a range of materials and techniques including **new media** where appropriate.

resource	available from	price
Past Papers T	CIE	free
Syllabus T	CIE	free
Discussion forum T	CIE	free
AS/AL Standards Booklet (on CD) T (hard copy)	CIE	\$31.00
A Guide to Administering Art and Design Practical Examinations T	CIE	free

Music AS and A Level (first teaching September 2011; first examination May/June 2012)

resource	available from	price
Past Papers T	CIE	free
Syllabus T	CIE	free
Discussion forum T	CIE	free

