

Cambridge International Advanced Subsidiary & Advanced Levels - Information Technology (9626)

Cambridge International A Level

Cambridge International Advanced Level is one of the most recognised qualifications around the world. For over 50 years, A Levels have been accepted as proof of academic ability for entry to universities and institutes of higher education. A Levels are also important to employers who frequently demand A Levels as a condition of job entry.

Information Technology (IT) is an applied subject that encourages learners to become effective and discerning users of IT. It helps them to develop a broad range of IT skills, knowledge and understanding.

Futurekids Computer Learning Center (Sch Reg No: 29075, 29076)
Registered Cambridge International School
Futurecyber Technology Solution Limited
(Centre No: HK071)

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Introduction

Students study the structure and use of IT systems within a wide range of organisations, including the use of a variety of computer networks. As a result, learners gain an understanding of IT system life cycles, and how these affect the workplace. They also learn about the wider impact of IT on society in general.

At A Level, learners also study simple programming for the web relevant to their own use of IT.

Scheme of Assessment

Candidates may choose to:

- ◇ take Papers 1 and 2 only (for the Cambridge International AS Level qualification)
- ◇ take Papers 1, 2, 3 and 4 in the same examination series, leading to the full Cambridge International A Level.
- ◇ follow a staged assessment route by taking Papers 1 and 2 (for Cambridge International AS Level qualification) in one series, then Papers 3 and 4 (for Cambridge International A Level qualification) in a later series

ADVANCED SUBSIDIARY LEVEL (AS Level)

Paper	Type	Duration	Maximum Mark	Weight
1	Written	1 hr 45 mins	90	25%
2	Practical Test	2 hrs 30 mins	110	25%

ADVANCED LEVEL (A Level)

Paper	Type	Duration	Maximum Mark	Weight
3	Written	1 hr 45 mins	90	25%
4	Practical Test	2 hrs 30 mins	110	25%

In addition to Papers 1 and 2.

All 4 papers will take place at FUTUREKIDS Computer Learning Center, by means of a CIE-set assessments, under controlled examination conditions. The documentation and printouts produced in the assessment will be externally marked by CIE.

Examinations Schedule

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

Grading System

Subjects are graded A* through to E. Grade A* is awarded for the highest level of achievement, grade E for the lowest.

Recognition

International A Level and AS Level have widespread international recognition as educational qualifications. This recognition is because:

- ◇ International A and AS Level qualifications are recognised by universities as equivalent in value to UK A and AS Levels
- ◇ Good grades at A and AS Level can result in one full year of advanced standing or credit at universities in the USA and Canada
- ◇ Good A and AS Level grades are vital for admission to all the world's major English-speaking universities and many non-English-speaking universities

Curriculum Content

The curriculum content is set out in nineteen interrelated sections. These sections should be read as an integrated whole and not as a progression. The sections are as follows:

At AS Level (Theoretical) <ol style="list-style-type: none">1. Data, information, knowledge and processing2. Hardware and software3. Monitoring and control4. E-safety and health and safety5. The digital divide6. Using networks7. Expert systems	At AS Level (Practical) <ol style="list-style-type: none">8. Spreadsheets9. Database and file concepts10. Sound and video editing
At A2 Level (Theoretical) <ol style="list-style-type: none">11. Emerging technologies12. Role and impact of IT in society13. Networks14. Project management15. System life cycle	At A2 Level (Practical) <ol style="list-style-type: none">16. Graphics creation17. Animation18. Mail merge19. Programming for the web

Course Outline

<i>Module</i>	<i>Section(s) Covered</i>	<i>Study Hours</i>
AS Level		
<i>Module 1: Sound & Video Editing</i>	10	12 (8 Lessons)
<i>Module 2: Spreadsheets</i>	8	12 (8 Lessons)
<i>Module 3: Databases</i>	9	15 (10 Lessons)
<i>Module 4: Computer & Information Systems</i>	1, 2, 3, 7	12 (8 Lessons)
<i>Module 5: Network & Security</i>	4, 5, 6	12 (8 Lessons)
A2 Level (A Level)		
<i>Module 6: Graphics & Animations</i>	16, 17	15 (10 Lessons)
<i>Module 7: Mail Merge & Web Programming</i>	18, 19	21 (14 Lessons)
<i>Module 8: How Organisation Use ICT</i>	11, 12, 13	12 (8 Lessons)
<i>Module 9: System Life Cycle & Project Management</i>	14, 15	12 (8 Lessons)

Prerequisite

Applicants should:

- ◇ Either, have grade C or above in Information Communication Technology at IGCSE;
- ◇ Or, have 4 point or above in Information Communication Technology at HKDSE;
- ◇ Or, have a similar Professional IT qualification or equivalent;
- ◇ Or, pass a written and practical entry test.

Please contact Futurekids for further details.

Further Enquiries

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Schedule

The course is scheduled on every Saturday from 11:00 - 12:30pm and 03:30 - 05:00pm

Module	Date	Fee
Module 1: Sound & Video Editing	Saturday: 2019 May 04, 11, 18, 25, Jun 01, 08, 15, 22	8 lessons \$5,160
Module 2: Spreadsheets	Saturday: 2019 Jun 29, Jul 06, 13, 20, 27, Aug 03, 10, 17	8 lessons \$5,160
Module 1 & 2 Practical Test	14 Sep 2019, Time to be confirmed	\$500
Module 3: Databases	Saturday: 2019 Aug 24, 31, Sep 07, 14, 21, 28, Oct 05, 12, 19, 26	10 lessons \$6,450
Module 3 Practical Test	23 Nov 2019, Time to be confirmed	\$500
Module 4: Computer & Information Systems	Saturday: 2019 Nov 02, 09, 16, 23, 30, Dec 07, 14, 21	8 Lessons \$5,160
Module 5: Networks & Security	Saturday: 2019 Dec 28, 2020 Jan 04, 11, 18, 25, Feb 01, 08, 15	8 lessons \$5,160
Module 4 & 5 Written Test	14 Mar 2020, Time to be confirmed	\$500
Module 6: Graphics & Animations	Saturday: 2020 Feb 22, 29, Mar 07, 14, 21, 28, Apr 04, 11, 18, 25	10 lessons \$6,450
Module 7: Mail Merge & Web Programming (I)	Saturday: 2020 May 02, 09, 16, 23, 30, Jun 06, 13	7 lessons \$4,515
Mail Merge & Web Programming (II)	Saturday: 2020 Jun 20, 27, Jul 04, 11, 18, 25, Aug 01	7 lessons \$4,515
Module 6 & 7 Practical Test	29 Aug 2020, Time to be confirmed	\$500
Module 8: System Life Cycle & Project Management	Saturday: 2020 Aug 08, 15, 22, 29, Sep 05, 12, 19, 26	8 lessons \$5,160
Module 9: How Organisation Use ICT	Saturday: 2020 Oct 03, 10, 17, 24, 31, Nov 07, 14, 21	8 lessons \$5,160
Module 8 & 9 Written Test	19 Dec 2020, Time to be confirmed	\$500
AS Examination For the student who has completed module 1 - module 5	May - Jun 2021 (details will be announced later)	
AL Examination For the student who has completed module 1 - module 9	May - Jun 2021 (details will be announced later)	

1. Full payment should be made one week before the commencement date of each module.
2. Any make up class other than the scheduled time will require \$180 administration fee.
3. No class on public holiday, make-up class will be arranged.
4. A course book will be chosen for student to study, student can buy the book through Futurekids or from other online bookshop.
5. Enhancement courses and mock examinations will be held before the examination for students to re-enforce their knowledge in each module covered and familiarise the examination patterns. Details of schedule will be announced later.
6. Price are subject to change in due course, details will be announced one month before the module begins.