

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	70	25%
2	Practical Test	2 hrs 30 mins	90	25%

ADVANCED LEVEL (A Level)

Paper	Type	Duration	Maximum Mark	Weight
3	Written	1 hr 45 mins	70	25%
4	Practical Test	2 hrs 30 mins	90	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:

<p>At AS Level (Theoretical)</p> <ol style="list-style-type: none"> 1. Data processing and information 2. Hardware and software 3. Monitoring and control 4. Algorithm and flow charts 5. eSecurity 6. The digital divide 7. Expert systems 	<p>At AS Level (Practical)</p> <ol style="list-style-type: none"> 8. Spreadsheets 9. Modelling 10. Database and file concepts 11. Sound and video editing
<p>At A2 Level (Theoretical)</p> <ol style="list-style-type: none"> 12. IT in society 13. New and emerging technologies 14. Communication technology 15. Project management 16. System life cycle 	<p>At A2 Level (Practical)</p> <ol style="list-style-type: none"> 17. Mail merge 18. Graphics creation 19. Animation 20. Programming for the web

Course Outline

Module	Section(s) Covered	Study Hours
AS Level		
Module 1: Sound & Video Editing	11	12 (8 Lessons)
Module 2: Spreadsheets	8	12 (8 Lessons)
Module 3: Databases	10	15 (10 Lessons)
Module 4: Computer & Information Systems	1, 2, 3, 7	12 (8 Lessons)
Module 5: Network & Security	4, 5, 6, 9	12 (8 Lessons)
A2 Level (A Level)		
Module 6: Graphics & Animations	18, 19	15 (10 Lessons)
Module 7: Mail Merge & Web Programming	17, 20	21 (14 Lessons)
Module 8: How Organisation Use ICT	12, 13, 14	12 (8 Lessons)
Module 9: System Life Cycle & Project Management	15, 16	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 Thursday 4:30pm - 6:00pm or Saturday 11:00am - 12:30pm / 3:30pm to 5:00pm

Module	Date		Fee
	Thursday	Saturday	
Module 1: Sound & Video Editing	2023 Jun 01, 08, 15, 22, 29, Jul 06, 13, 20	2023 Jun 03, 10, 17, 24, Jul 01, 08, 15, 22	8 lessons \$5,520
Module 2: Spreadsheets	2023 Jul 27, Aug 03, 10, 17, 24, 31, Sep 07, 14	2023 Jul 29, Aug 05, 12, 19, 26, Sep 02, 09, 16	8 lessons \$5,520
Module 1 & 2 Practical Test	Date and time to be confirmed		\$500
Module 3: Databases	2023 Sep 21, 28, Oct 05, 12, 19, 26, Nov 02, 09, 16, 23	2023 Sep 23, 30, Oct 07, 14, 21, 28, Nov 04, 11, 18, 25	10 lessons \$6,900
Module 3 Practical Test	Date and time to be confirmed		\$500
Module 4: Computer & Information Systems	2023 Nov 30, Dec 07, 14, 21, 28, 2024 Jan 04, 11, 18	2023 Dec 02, 09, 16, 23, 30, 2024 Jan 06, 13, 20	8 Lessons \$5,520
Module 5: Networks & Security	2024 Jan 25, Feb 01, 08, 15, 22, 29, Mar 07, 14	2024 Jan 27, Feb 03, 10, 17, 24, Mar 02, 09, 16	8 lessons \$5,520
Module 4 & 5 Written Test	Date and time to be confirmed		\$500
Module 6: Graphics & Animations	2024 Mar 21, 28, Apr 04, 11, 18, 25, May 02, 09, 16, 23	2024 Mar 23, 30, Apr 06, 13, 20, 27, May 04, 11, 18, 25	10 lessons \$6,900
Module 7: Mail Merge & Web Programming (I)	2024 May 30, Jun 06, 13, 20, 27, Jul 04, 11	2024 Jun 01, 08, 15, 22, 29, Jul 06, 13	7 lessons \$4,830
Mail Merge & Web Programming (II)	2024 Jul 18, 25, Aug 01, 08, 15, 22, 29	2024 Jul 20, 27, Aug 03, 10, 17, 24, 31	7 lessons \$4,830
Module 6 & 7 Practical Test	Date and time to be confirmed		\$500
Module 8: System Life Cycle & Project Management	2024 Sep 05, 12, 19, 26, Oct 03, 10, 17, 24	2024 Sep 07, 14, 21, 28, Oct 05, 12, 19, 26	8 lessons \$5,520
Module 9: How Organisation Use ICT	2024 Oct 31, Nov 07, 14, 21, 28, Dec 05, 12, 19	2024 Nov 02, 09, 16, 23, 30, Dec 07, 14, 21	8 lessons \$5,520
Module 8 & 9 Written Test	Date and time to be confirmed		\$500
AS Examination For the student who has completed module 1 - module 5	May - Jun 2024 (details will be announced later)		
AL Examination For the student who has completed module 1 - module 9	May - Jun 2025 (details will be announced later)		

Remarks:

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 \$200 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.