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

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	50%
2	Practical Test	2 hrs 30 mins	90	

ADVANCED LEVEL (A Level)

Paper	Type	Duration	Maximum Mark	Weight
3	Written	1 hr 45 mins	70	50%
4	Practical Test	2 hrs 30 mins	90	

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 progression. The sections are as follows:

At AS Level (Theoretical)	At AS Level (Practical)
1. Data processing and information	7. Expert systems
2. Hardware and software	8. Spreadsheets
3. Monitoring and control	9. Modelling
4. Algorithm and flow charts	10. Database and file concepts
5. eSecurity	11. Sound and video editing
6. The digital divide	
At A2 Level (Theoretical)	**At A2 Level (Practical)**
12. IT in society	17. Data analysis and visualisation
13. New and emerging technologies	18. Mail merge
14. Communications technology	19. Graphics creation
15. Project management	20. Animation
16. System life cycle	21. Programming for the web

Course Outline

Module	Section(s) Covered	Study Hours
AS Level		
Module 1: Audio & 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	19, 20	15 (10 Lessons)
Module 7: Mail Merge & Web Programming	17, 18, 21	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 every Thursday or Friday 4:30pm - 6:00pm or Saturday from 11:00am - 12:30pm / 3:30pm - 5:00pm.

Module	Date	Lessons	Fee
Module 1: Audio & Video Editing	2025 Sep 04 to 2025 Oct 25	**8 lessons**	$5520
Module 2: Spreadsheets	2025 Oct 30 to 2025 Dec 20	**8 lessons**	$5520
Module 1 & 2 Practical Test	Date and time to be confirmed		$500
Module 3: Databases	2025 Dec 25 to 2026 Feb 28	**10 lessons**	$6,900
Module 3 Practical Test	Date and time to be confirmed		$500
Module 4: Computer & Information Systems	2026 Mar 05 to 2026 Apr 25	**8 Lessons**	$5520
Module 5: Networks & Security	2026 Apr 30 to 2026 Jun 20	**8 lessons**	$5,520
Module 4 & 5 Written Test	Date and time to be confirmed		$500
Module 6: Graphics & Animations	2026 Jun 25 to 2026 Aug 29	**10 lessons**	$6,900
Module 7: Mail Merge & Web Programming (I)	2026 Sep 03 to 2026 Oct 17	**7 lessons**	$4,830
Mail Merge & Web Programming (II)	2026 Oct 22 to 2026 Dec 05	**7 lessons**	$4,830
Module 6 & 7 Practical Test	Date and time to be confirmed		$500
Module 8: System Life Cycle & Project Management	2026 Dec 10 to 2027 Jan 30	**8 lessons**	$5,520
Module 9: How Organisation Use ICT	2027 Feb 04 to 2027 Mar 27	**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 Oct - Nov 2027 (details will be announced later) **AL Examination:** For the student who has completed module 1 - module 9 Oct - Nov 2027 (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 a $200 administration fee.
3. No class on public holiday, make-up class will be arranged.
4. Students will study a selected course book, available for purchase from Futurekids or any online retailer.
5. Enhancement courses and mock examinations will be held before the examination for students to re-enforce their knowledge in each module covered and familarise the examination patterns. Details of the schedule will be announced later.
6. Prices are subject to change in due course; details will be announced one month before the module begins.