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	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:

At AS Level (Theoretical)	At AS Level (Practical)
1. Data processing and information	8. Spreadsheets
2. Hardware and software	9. Modelling
3. Monitoring and control	10. Database and file concepts
4. Algorithm and flow charts	11. Sound and video editing
5. eSecurity	
6. The digital divide	
7. Expert systems	

At A2 Level (Theoretical)	At A2 Level (Practical)
12. IT in society	17. Mail merge
13. New and emerging technologies	18. Graphics creation
14. Communication technology	19. Animation
15. Project management	20. Programming for the web
16. System life cycle	

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