

Cambridge International General Certificate of Secondary Education (IGCSE) - Information and Communication Technology (0417)



The International General Certificate of Secondary Education (IGCSE) is the world's most popular international qualification for 14 to 16 year olds. It develops successful students, giving them excellent preparation for their next steps in education, including progression to A and AS Level study, and equips them with skills for immediate employment. Cambridge IGCSE is recognised by universities and employers worldwide.

Information and Communication Technology is an applied subject and all candidates will require frequent access to computer and Internet facilities to develop their skills.

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

The Information Communication Technology syllabus combines theoretical and practical studies focusing on the ability to use common software applications, including word processors, spreadsheets, databases, interactive presentation software, e-mail, web browsers and website design. It encourages learners to develop lifelong skills, including:

- understanding and using applications
- using Information and Communication Technology (ICT) to solve problems
- analysing, designing, implementing, testing and evaluating ICT systems, ensuring that they are fit for purpose
- understanding the implications of technology in society, including social, economic and ethical uses
- awareness of the ways ICT can help in home, learning and work environments.

Scheme of Assessment

All candidates will be entered for Paper 1, 2 and 3.

Paper 1 (1 hour 30 minutes)

A written paper which contains multiple-choice, short-answer and structured questions. There will be no choice of questions.

Paper 2 and 3 (2 hours 15 minutes each)

The practical tests focus on the candidate's ability to carry out practical tasks rather than to explain the theory of how the tasks are completed. Candidates are assessed on their ability to complete these tasks.

All 3 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.

Weighting of Papers

Paper	Weighting
1	40%
2	30%
3	30%

Examinations Schedule

Examinations are held in June and November each year with results issued in August and February respectively.

Grading System

Grading is on an eight-point scale (A* - G) and grades A to E are equivalent to O Level grades A to E.

Recognition & Progression

IGCSE is a high profile qualification. It has exactly the same value in admitting students to institutes of further education and employment as the UK equivalent – GCSE.

- ◇ IGCSE is comparable with GCE O Level and the UK GCSE
- ◇ IGCSE has an excellent reputation amongst international schools worldwide
- ◇ IGCSEs are recognised as a reliable record of attainment which counts towards entry to universities and colleges around the world

Candidates who are awarded grades C to A* in Cambridge IGCSE ICT are well prepared to follow courses leading to Cambridge International AS and A Level Information Technology, or the equivalent.

Curriculum Content

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

1. Types and components of computer systems
2. Input and output devices
3. Storage devices and media
4. Networks & the effect of using them
5. The effects of using ICT
6. ICT applications
7. The systems life cycle
8. Safety and security
9. Audience
10. Communication
11. File management
12. Images
13. Layout
14. Styles
15. Proofing
16. Graphs and charts
17. Document production
18. Databases
19. Presentations
20. Spreadsheets
21. Website authoring

Course Outline

Module	Section(s) Covered	Study Hours
Module 1: Presentation Authoring	12, 19	9 (6 Lessons)
Module 2: Data Analysis	16, 20	12 (8 Lessons)
Module 3: Website Authoring	12, 21	12 (8 Lessons)
Module 4: Data Integration	13, 14, 15, 17, 18	21 (14 Lessons)
Module 5: Computer Systems & Networking	1, 2, 3, 4, 8, 10	24 (16 Lessons)
Module 6: Application and Effects of ICT	5, 6, 9, 11	21 (14 Lessons)

Qualifying Test

To enrol the IGCSE - ICT course, students should pass the qualifying test. Please contact Futurekids for further details.

Further Enquiries

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Course Schedule

The course is scheduled every Friday from 4:30pm to 6:00pm or Saturday from 9:30am to 11:00am / 3:30pm to 5:00pm.

Module	Date		Fee
	Thursday	Saturday	
Module 1: Presentation Authoring	2024 Nov 07, 14, 21, 28, Dec 05, 12	2024 Nov 09, 16, 23, 30, Dec 07, 14	6 lessons \$3,600
Module 2: Data Analysis	2024 Dec 19, 26, 2025 Jan 02, 09, 16, 23, 30, Feb 06	2024 Dec 21, 28, 2025 Jan 04, 11, 18, 25, Feb 01, 08	8 lessons \$4,800
Module 1 & 2 Test	Date and time to be confirmed		\$500
Module 3: Website Authoring	2025 Feb 13, 20, 27 , Mar 06, 13, 20, 27, Apr 03	2025 Feb 15, 22, Mar 01, 08, 15, 22, 29, Apr 05	8 lessons \$4,800
Module 3 Test	Date and time to be confirmed		\$500
Module 4: Data Integration (I)	2025 Apr 10, 17, 24 , May 01, 08, 15, 22	2025 Apr 12, 19, 26 , May 03, 10, 17, 24	7 lessons \$4,200
Data Integration (II)	2025 May 29, Jun 05, 12, 19, 26, Jul 03, 10	2025 May 31, Jun 07, 14, 21, 28, Jul 05, 12	7 lessons \$4,200
Module 4 Test	Date and time to be confirmed		\$500
Module 5: Computer Systems & Networking (I)	2025 Jul 17, 24, 31 , Aug 07, 14, 21, 28, Sep 04	2025 Jul 19, 26, Aug 02, 09, 16, 23, 30, Sep 06	8 lessons \$4,800
Computer Systems & Networking (II)	2025 Sep 11, 18, 25, Oct 02, 09, 16, 23, 30	2025 Sep 13, 20, 27, Oct 04, 11, 18, 25, Nov 01	8 lessons \$4,800
Module 5 Test	Date and time to be confirmed		\$500
Module 6: Application & Effects of ICT (I)	2025 Nov 06, 13, 20, 27, Dec 04, 11, 18	2025 Nov 08, 15, 22, 29, Dec 06, 13, 20	7 lessons \$4,200
Application & Effects of ICT (II)	2025 Dec 25, 2026 Jan 01, 08, 15, 22, 29, Feb 05	2025 Dec 27, 2026 Jan 03, 10, 17, 24, 31, Feb 07	7 lessons \$4,200
Module 7: Systems Analysis & Design	2026 Feb 12, 19, 26 , Mar 05, 12, 19, 26, Apr 02	2026 Feb 14, 21, 28 , Mar 07, 14, 21, 28, Apr 04	8 lessons \$4,800
Module 6 & 7 Test	Date and time to be confirmed		\$500
Examinations	Oct - Nov 2026, 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. A course book will be chosen for students to study, students can buy the book through bookshop or Futurekids.
5. Enhancement courses and mock examinations will be held after course end for students to re-enforce their knowledge in each module covered and familiarise the examination patterns. Details of schedule and fee will be announced later.
6. Prices are subject to change in due course, details will be announced one month before the module begins.