

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



Cambridge  
IGCSE

*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**  
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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 January 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 Applied Information and Communication Technology, or the equivalent.

## Curriculum Content

The curriculum content is set out in 21 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

<b>Module</b>	<b>Section(s) Covered</b>	<b>Study Hours</b>
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)
Module 7: Systems Analysis and Design	7, 15	12 (8 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 on every Thursday 4:30pm - 6:00pm or Saturday 11:00am - 12:30pm / 2:00pm to 3:30pm / 3:30pm to 5:00pm

Module	Date		Fee
	Thursday	Saturday	
<b>Module 1:</b> Presentation Authoring	2023 Jun 01, 08, 15, 22, 29, Jul 06	2023 Jun 03, 10, 17, 24, Jul 01, 08	<b>6 lessons</b> \$3,600
<b>Module 2:</b> Data Analysis	2023 Jul 13, 20, 27, Aug 03, 10, 17, 24, 31	2023 Jul 15, 22, 29, Aug 05, 12, 19, 26, Sep 02	<b>8 lessons</b> \$4,800
<b>Module 1 &amp; 2 Test</b>	<b>Date and time to be confirmed</b>		\$500
<b>Module 3:</b> Website Authoring	2023 Sep 07, 14, 21, 28, Oct 05, 12, 19, 26	2023 Sep 09, 16, 23, 30, Oct 07, 14, 21, 28	<b>8 lessons</b> \$4,800
<b>Module 3 Test</b>	<b>Date and time to be confirmed</b>		\$500
<b>Module 4:</b> Data Integration (I)	2023 Nov 02, 09, 16, 23, 30, Dec 07, 14	2023 Nov 04, 11, 18, 25, Dec 02, 09, 16	<b>7 lessons</b> \$4,200
Data Integration (II)	2023 Dec 21, 28, 2024 Jan 04, 11, 18, 25, Feb 01	2023 Dec 23, 30, 2024 Jan 06, 13, 20, 27, Feb 03	<b>7 lessons</b> \$4,200
<b>Module 4 Test</b>	<b>Date and time to be confirmed</b>		\$500
<b>Module 5:</b> Computer Systems & Networking (I)	2024 Feb 08, 15, 22, 29, Mar 07, 14, 21, 28	2024 Feb 10, 17, 24, Mar 02, 09, 16, 23, 30	<b>8 lessons</b> \$4,800
Computer Systems & Networking (II)	2024 Apr 04, 11, 18, 25, May 02, 09, 16, 23	2024 Apr 06, 13, 20, 27, May 04, 11, 18, 25	<b>8 lessons</b> \$4,800
<b>Module 5 Test</b>	<b>Date and time to be confirmed</b>		\$500
<b>Module 6:</b> Application & Effects of ICT (I)	2024 May 30, Jun 06, 13, 20, 27, Jul 04, 11	2024 Jun 01, 08, 15, 22, 29, Jul 06, 13	<b>7 lessons</b> \$4,200
Application & Effects of ICT (II)	2024 Jul 18, 25, Aug 01, 08, 15, 22, 29	2024 Jul 20, 27, Aug 03, 10, 17, 24, 31	<b>7 lessons</b> \$4,200
<b>Module 7:</b> Systems Analysis & Design	2024 Sep 05, 12, 19, 26, Oct 03, 10, 17, 24	2024 Sep 07, 14, 21, 28, Oct 05, 12, 19, 26	<b>8 lessons</b> \$4,800
<b>Module 6 &amp; 7 Test</b>	<b>Date and time to be confirmed</b>		\$500
<b>Examinations</b>	<b>May - Jun 2025, details will be announced later.</b>		

## 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 from Futurekids or other bookshop.
5. Enhancement courses and mock examinations will be held after the whole 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. Price are subject to change in due course, details will be announced one month before each module begins.