



IGCSE Information Communication Technology (0417)

Course Outline

The IGCSE Information and Communication Technology syllabus encourages students to develop lifelong skills including:

- The ability to understand and implement new and emerging technologies within a business environment
- How to analyse, design, implement, test and evaluate Information and Communication Technology (ICT) systems
- Considering the impact which new technologies will have on ways of working and the social, economic and ethical issues associated with them
- Awareness of the ways ICT can help in practical and work-related scenarios.

Course Aims

- It encourages candidates to develop:
- To develop and consolidate their knowledge, skills and understanding in ICT and be aware of new and emerging technologies;
- Encourage candidates to develop further as autonomous users of ICT;
- Encourage candidates to continue to develop their ICT skills in order to enhance their work in a variety of subject areas;
- Provide opportunities for candidates to analyse, design, implement, test and evaluate ICT systems;
- Encourage candidates to consider the impact of new technologies on methods of working in the outside world and on social, economic, ethical and moral issues;
- Their skills and increase their awareness of the ways in which ICT is used in practical and work-related situations.

Assessment

There are 2 Assessment Objectives (AO) for the course, as follows:

- AO1 Practical skills Candidates should be able to demonstrate their ability to use a range of software packages in practical and work-related contexts.
- AO2 Knowledge and understanding Candidates should be able to demonstrate their knowledge and understanding of the structure of ICT systems, the roles of these systems in organisations and their impact on society.



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Examination Structure

Candidates take 3 papers:

Paper 1

2 hours Written -weighted at 40% of total

Paper 2

2½ hours Practical test -weighted at 30% of total

Paper 3

2½ hours Practical test -weighted at 30% of total