

Name of Course	Information Communication Technology (9626)
Examining board	Cambridge International Examinations (CIE)
Link to specification	http://www.cambridgeinternational.org/images/462993-2020-syllabus.pdf
Course entry requirements	To study ICT at A-Level students should have at least a Grade B in ICT at IGCSE or equivalent.
Why ICT?	In a world where Information Technology (IT) is constantly changing, individuals increasingly need technological and information literacy skills that include the ability to gather, process and manipulate data. The impact of IT on society is enormous and as the percentage of businesses and households connected to communication networks such as the internet grows, so does the need for individuals who understand these new technologies.
Course content (Year 12/AS)	Candidates for Cambridge International AS Information Technology study the following topics 1–10. 1. Data, information, knowledge and processing 2. Hardware and software 3. Monitoring and control 4. eSafety and health and safety 5. The digital divide 6. Using networks 7. Expert systems and other types of processing 8. Spreadsheets 9. Database and file concepts 10. Sound and video editing
Course content (Year 13/A)	Information Technology study topics 1–10 and the following topics 11–19. 11. Emerging technologies 12. Role and impact of IT in society 13. Networks 14. Project management 15. System life cycle 16. Graphics creation
Exam structure	Students will sit 2 exams at the end of Year 12 (AS). Paper 1 is a Theory Paper; Paper 2 is a Practical Paper. At the end of Year 13 (A-Level), students will sit Paper 3
Summer suggestions	Students can brush up on their IGCSE knowledge as A Level ICT uses the IGCSE content in every lesson. Use the Internet to find out how to bridge the digital gaps between countries that is leading in technology and