



CAMBRIDGE COMPUTER SCIENCES

Computer science is the study of the theory, experimentation, and engineering that form the basis for the design and use of computers. It is the scientific and practical approach to computation and its applications and the systematic study of the feasibility, structure, expression, and mechanization of the methodical procedures that underlie the acquisition, representation, processing, storage, communication of, and access to information.

An alternate definition of computer science is the study of automating algorithmic processes that scale. A computer scientist specializes in the theory of computation and the design of computational systems.

Theory: In depth study of Information and Communications Technology. You will understand how a computer works, and how data is transmitted in a computer and between computers.

- Information representation and multimedia
- Networking and the Internet
- Computer Hardware
- Computer Software
- Processor fundamentals
- Data Security, privacy and data integrity
- Ethics and ownership
- Databases

Practical: After completion of this course, you will understand programming concepts of any programming language.

- Algorithm design and problem solving
- Data types and structures
- Programming
- Software Development



World Class Education. Unlocking the Future.

We offer both Cambridge and IEB curriculum and examinations.

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