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INFORMATION TECHNOLOGY IN MODERN LIFE

The word technology comes from Greek *τεχνολογία* (*technología*); from *τέχνη* (*téchnē*), meaning "art, skill, craft", and *-λογία* (*-logía*), meaning "study of". Information technology (IT) is the application of computers and telecommunications equipment to store, retrieve, transmit and manipulate data, often in the context of a business or other enterprise.

The Information Technology Association of America has defined information technology as "the study, design, development, application, implementation, support or management of computer-based information systems". The responsibilities of those working in the field include network administration, software development and installation, and the planning and management of an organization's technology life cycle, by which hardware and software is maintained, upgraded and replaced.

Information technology has changed our life. We are experiencing a transformation in organizations and society and even global life. IT is changing our communities, our nations and global relations. Nowadays information technologies are both a cause and a solution to the problems of the knowledge explosion. IT is rapidly expanding our vision and creativity in new fields - easier to store, access and display information. Information Technology influences our life, IT plays an important role in globalization by providing the communication power to conduct trade and manage business transactions on an international and global scale. Due to the fact that computers are so inexpensive, and with the ability to connect PC's to national and international communication networks it becomes possible for even the smallest businesses to reach very large international markets.

Information technology has become a large part of everyday life.