**Introduction to Basic Electrical and Electronics Engineering**

Electrical and electronics engineering is a field of engineering that generally deals with the study and application of electricity, electronics, and electromagnetism. This field first became an identifiable occupation in the latter half of the 19th century after commercialization of the electric telegraph, the telephone, and electric power distribution and use. It now covers a wide range of subfields including electronics, digital computers, power engineering, telecommunications, control systems, RF engineering, and signal processing.

Electrical engineering may include electronic engineering. Electrical engineering is considered to deal with the problems associated with systems such as electric power transmission and electrical machines, whereas electronic engineering deals with the study of electronic systems including computers, communication systems, integrated circuits, and radar.

From a different point-of-view, electrical engineers are usually concerned with using electricity to transmit electric power, while electronic engineers are concerned with using electricity to process information. The sub disciplines can overlap, for example, in the growth of power electronics, and the study of behaviour of large electrical grids under the control of digital computers and electronics. This course will make a strong foundation to learn these fields.

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