

CONCEPT What is an Engineer?

Engineers have existed since ancient times. Throughout history, engineers have invented new devices to improve quality of life and have designed important structures such as roads, bridges and water systems. Mechanical engineers are just one of many types of engineers that serve society today.

BACKGROUND

Mechanical engineers use science, technology, engineering and mathematics to solve problems that benefit society. In their work, engineers also must consider the economic and ethical aspects of their designs and solutions, always keeping the best interest of society at the forefront.

EXAMPLES

Engineering is a highly diverse profession and is generally divided into various disciplines, each representing a specific focus area.

Examples of engineering disciplines include mechanical, civil, chemical, electrical, bio-medical, agricultural, and many others. Of these disciplines, mechanical engineering is among the most widely practiced and perhaps the broadest technically of the engineering disciplines.

