The world began in the past, after man wanted to understand the geometric shapes that increase around him and his will to discover the unknown lands overflowing with the Nile River every year. Laying its first foundations, and after it, the Arabs had a great role in developing this science, and engineering science applies mathematics and science to solving the problems of the earth and its surroundings. Engineering is the art and creativity resulting from the ideas of engineers who come out to the world with what is new that helps people make their lives easier and makes it easier to see. Engineering enters in all fields from building and building, mechanics of machinery, equipment and mechanics of vehicles, even electricity that reaches your home under the supervision of an engineer and also communications and networks. This is a computer and these portable devices we wouldn't have seen without the engineer so engineering has contributed since the last century to change the world and it became necessary to have an engineer In every institution to organize it or manage its production, and in the last days, even medicine did not dispense with engineering services, and after medicine was unable to solve some problems, engineering interfered in harnessing Technological progress in helping patients, so do not be afraid today, a hospital under the supervision and maintenance of an engineer, so engineering has become the bridge of hope over the River of Despair which helps to create a better world and some see that the economy of countries is based on factories and production that are managed by engineering