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DEPARTMENT: COMPUTER ENGINEERING

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1. Engineers are a significant source of technological innovation and expertise. They focus their brainpower on solving problems through the application of science and mathematics, discovering new ways to make life better for the general public. The goals and objectives of engineers revolve around creating processes and designs, as well as maintenance and operations duties in a variety of different disciplines such as law, economics and so on, however, the relevance of other disciplines( especially law, economics and management) to the profession can not be over emphasized, these disciplines are important in the following ways
* Engineers deal with highly technical concepts, designs and products, and the laws affecting an engineer’s work can be as complex as the work itself, and so, engineers are ought to be familiar with certain types of laws and how they affect their work, in order to follow regulations, protect their work, avoid lawsuits etc
* Also as regards to law, contract law which is an important area of law is the promissory basis for the vast majority of engineering projects
* Economics also a discipline relevant to the engineering profession aids an engineer to know and understand the application of engineering design and analysis principles to provide goods and services that satisfy the consumer at an affordable cost.
* Economics is concerned with the use and application of economic principles in the analysis of engineering decisions
* In the engineering profession, there are a lot of job opportunities, one known as engineering managers, which has to do with engineering and management, and most times engineering managers are responsible for the overall development and completion of an engineering project, which is very important in the profession
* Engineering management is a career that brings together the technological problem-solving ability of engineering and the organizational, administrative, and planning abilities of management in order to oversee the operational performance of complex engineering driven enterprises.