**FIDE-AKWUOBI ANTHONY CHIZALU**

**17/ENG06/037**

**MECHANICAL ENGINEERING**

**ENG 384**

**JUNE CLASS TEST 1**

* The relevance of law in engineering profession is of such great importance as it provides a guideline to the actions of engineers. It checkmates our actions to ensure that we our codes and ethics in operation are beneficial to the society.
* This law comes with attributes such as retribution; which ensures that all are punished equally by the law. This punishment enables engineers carry out their jobs in the most decent way possible, considering pin-point precision always as a careless mistake would lead to the loss of many lives. Thus the law binds us to our profession in form of contracts.
* The management aspect refers to the science of engineers carrying out functions such as planning, organization, e.t.c.
* Engineers are people familiar with the technical knowledge of machines, operations among so many others. Therefore in a construction or manufacturing project, an engineer put in charge is expected to use his technical know-how, alongside his knowledge of the law to accomplish those goals to the benefit of the public and in due time.
* Economics in engineering refers to the science of directing scarce resources to maximization of benefits. Minimal costs must be used to achieve maximum benefits.
* The engineer must use economic theories, tactics e.t.c to achieve these goals. In conclusion an engineering manager or an engineer must be able to integrate these three aspects to achieve goals.