



Government Engineering College, Thrissur

HS210 – LIFE SKILLS

Assignment -

Module 4 –

Ethics, Morals and Values

Engineering Ethics

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Ethics, Morals and Values

Values

Values are defined as things that have an intrinsic worth in usefulness or importance to the possess with principles, standards, or qualities. Virtually all values are morally relative – neutral, really – until they are qualified by asking “How good is it?”. Life have 2 dual values. One which is the value that we give for our own and is the values that we consider or give for others. Values include a deep-rooted system of beliefs. Values determine a person’s charecter that enables him to do things that he should do and shouldn’t do. For example cheating in an exam can be considered as person who doesn’t keep values in his life. If his values were deep rooted in his mind he wouldn’t have cheated in the examination.

Values are qualities/behaviour/goals that an ethic aspires us to do.

Morals

Moral values are relative values that protect life and are respectful of the dual life value of self and others. The great moral values, such as truth, freedom, charity, etc. Morals are specific and context-driven rules that govern a person's behavior. They are functionally correct by providing protection for life and enhancing the life of a person. We should be constantly monitoring our life values that does a life protecting missions. Some of the moral values that are been considered in the military are honor, courage as well as commitment. Even the enemy will be having these values.

Morals are the right and wrong in life.

Ethics

Ethics can be defined as the decision making skill. A skill to choose between right and wrong. A person who is willing to do the right moral things even though it may be so difficult and dangerous, we call this the ethics of that person. We should be thinking as warriors to keep the moral values in life. Finally, we have ethics. Ethics are the vehicle to our morals. They're our morals in action. Ethics enact the system we've developed in our moral code.

Ethics are set of values/rules that we should keep in mind inorder to achive the goals.Ethics can be right or wrong. Even serial killer have ethics also a doctor. Both does their for society in entirely differentway. One actually tries to help while other destroys.

Engineering Ethics

From the article written by National Society of Professional Engineers(NSPE) it is well defined what all are the professional ethics that engineer should keep in his life as a engineer. As Engineers we should be keeping the following points.

In the Preamble it is been described that “*As members of this profession, engineers are expected to exhibit the highest standards of honesty and integrity*”. We the engineers are destined to serve the public considering the health and well being of the society and doing our passionate career with utmost honesty, integrity, fairness, equality.

Fundamental Canons -

1. Hold paramount the safety, health, and welfare of the public.
2. Perform services only in areas of their competence.
3. Issue public statements only in an objective and truthful manner.
4. Act for each employer or client as faithful agents or trustees.
5. Avoid deceptive acts.
6. Conduct themselves honorably, responsibly, ethically, and lawfully so as to enhance the honor, reputation, and usefulness of the profession.

From the above canons we have derived rules.

1. First one is safety, health and welfare of public. If an engineer finds this rule is been violated in this department he should show courage to say to appropriate professional bodies and cooperate with authorities.
2. Second rule says that an engineer must be doing the tasks that he is designated to do, he should have enough knowledge with the tasks he is dealing with.
3. Facts that are delivered to the public must be true. He shouldn't omit or hide something for his personal benefit.
4. If we serve as an employee of any organisation we must keep the secrets of the organisation as secret. We should not leak out any of the confidential matters.
5. Engineers shall not accept commissions or allowances, directly or indirectly, from contractors or other parties dealing with clients or employers of the engineer in

connection with work for which the engineer is responsible.

6. Engineers should not attempt to obtain employment in untruthful manner by hindering truth or criticizing other engineers.
7. Engineers shall not attempt to injure, maliciously or falsely, directly or indirectly, the professional reputation, prospects, practice, or employment of other engineers. Engineers who believe others are guilty of unethical or illegal practice shall present such information to the proper authority for action.
8. Engineers shall give credit for engineering work to those to whom credit is due, and will recognize the proprietary interests of others.

Furthermore, we also have **professional obligation**

Engineers shall be guided in all their relations by the highest standards of honesty and integrity. This means that an engineer should be open minded to accept the errors. Also there is no fault in advising his co-workers if their act leads to unsuccessful works. Engineers shall not attempt to attract an engineer from another employer by false or misleading pretenses.

Engineers shall at all times strive to serve the public interest.

These are some of the rules and regulations that an engineer should keep in mind. An engineer must be capable of deciding what is right and wrong. Above these ethics we should find value in these rules and make these rules as part of life. Ethics is not a rule that all must obey but moral values that we must keep in mind for building a better society.

Reference

Values, Morals, Ethics

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