

Engineering Ethics

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Engineering Ethics

Chapter 1

Introduction



Engineering Ethics

Chapter Description

- Aims
 - Define what is ethics and engineering terms
 - Why study engineering ethics
- Expected Outcomes
 - Differentiate the engineering and ethics and its relationship
- Other related Information



Subtopics

1.1 DEFINITION

1.2 WHY STUDY ETHICS



Engineering Ethics

1.1 Definitions

Ethics

- **Reference to personal or religious responsibilities.**
- **Law and politics, conduct, religion.**
- **Moral principles / values**
- **Code of conduct or moral principles.**



1.1 Definitions

Professionalism

- **The competence or skill expected of a professional.**

Engineering

- **The branch of science and technology. Design, building structure and machine.**



1.1 Definitions

Engineering ethics

- **Applied ethics / system of moral principles**
- **Sets the obligations by engineers.**



1.2 Why Study Ethics

- **Professional engineers responsibility.**
- **Awareness on the importance of ethics in the engineering profession and practices.**
- **Public health and safety, related to engineering**



References

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