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1.133 M.Eng. Concepts of Engineering Practice
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Engineering Ethics

Concepts of Engineering Practice

14 November 2007

Applied Ethics in Professional Practice

◆ www.niee.org

◆ fka Case of the Month Club

◆ Case studies, videos, dramatizations, etc.

◆ Applicable Professional Codes of Ethics

◆ Core ethical values and steps toward ethical decision making

Applicable Professional Codes of Ethics

◆ NSPE

◆ AEG

◆ AIPG

◆ ASCE

◆ ASME

◆ IEE

◆ ACEC

◆ ACM

ASCE-Fundamental Principles

◆ Engineers uphold and advance the integrity, honor and dignity of the engineering profession by:

1. Using their knowledge and skill for the enforcement of human welfare and the environment
2. Being honest and impartial and serving with fidelity the public, their employers and clients
3. Striving to increase the competence and prestige of the engineering profession
4. Supporting the profession and technical societies of their disciplines

ASCE-Fundamental Canons

◆ Engineers shall

1. hold paramount public safety, health and welfare and strive to comply with the principles of sustainable development...
2. Perform services only in areas of competence
3. Issue public statements only in objective and truthful manner

ASCE-Fundamental Canons (cont'd)

4. Act professionally toward employers and clients, and avoid conflicts of interest
5. Build professional reputation on merit of services and not compete unfairly with others
6. Uphold and enhance the honor, integrity and dignity of the engineering profession
7. Continue professional development throughout their careers