

Ethical Dilemmas in Environmental Engineering

Name: _____

Date: _____

The following is a series of questions pertaining to the NSPE Code of Ethics. Please indicate whether the statements are **true** or **false**. (This exam is copied from the NSPE website, and reformatted to fit onto a single page for use in CIVE6111)

Note: This ethics test is intended solely to test individual knowledge of the specific language contained in the NSPE Code of Ethics and is not intended to measure individual knowledge of engineering ethics or the ethics of individual engineers or engineering students.

Engineers in the fulfillment of their professional duties must carefully consider the safety, health and welfare of the public.	
Engineers may perform services outside of their areas of competence as long as they inform their employer or client of this fact.	
Engineers may issue subjective and partial statements if such statements are in writing and consistent with the best interests of their employer, client or the public.	
Engineers shall act for each employer or client as faithful agents or trustees.	
Engineers shall not be required to engage truthful acts when required to protect the public health safety and welfare.	
Engineers may not be required to follow the provisions of state or federal law when such actions could endanger or compromise their employer or their client's interests.	
If engineers' judgment is overruled under circumstances that endanger life or property, they shall notify their employer or client and such other authority as may be appropriate.	
Engineers may review but shall not approve those engineering documents that are in conformity with applicable standards.	
Engineers shall not reveal facts, data or information without the prior consent of the client or employer except as authorized or required by law or this Code.	
Engineers shall not permit the use of their name or associate in business ventures with any person or firm that they believe is engaged in fraudulent or dishonest enterprise, unless such enterprise or activity is deemed consistent with applicable state or federal law.	
Engineers having knowledge of any alleged violation of this Code, following a period of thirty days during which the violation is not corrected, shall report thereon to appropriate professional bodies and, when relevant, also to public authorities, and cooperate with the proper authorities in furnishing such information or assistance as may be required.	
Engineers shall undertake assignments only when qualified by education or experience in the specific technical fields involved.	
Engineers shall not affix their signatures to plans or documents dealing with subject matter in which they lack competence, but may affix their signatures to plans or documents not prepared under their direction and control where the engineer has a good faith belief that such plans or documents were competently prepared by another designated party.	
Engineers may accept assignments and assume responsibility for coordination of an entire project and shall sign and seal the engineering documents for the entire project, including each technical segment of the plans and documents.	
Engineers shall strive to be objective and truthful in professional reports, statements or testimony, with primary consideration for the best interests of the engineer's client or employer. The engineer's reports shall include all relevant and pertinent information in such reports, statements or testimony, which shall bear the date on which the engineer was retained by the client to prepare the reports.	

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Engineers may express publicly technical opinions that are founded upon knowledge of the facts and competence in the subject matter.	
Engineers shall issue no statements, criticisms, or arguments on technical matters that are inspired or paid for by interested parties, unless they have prefaced their comments by explicitly identifying the interested parties on whose behalf they are speaking, and by revealing the existence of any interest the engineers may have in the matters.	
Engineers may not participate in any matter involving a conflict of interest if it could influence or appear to influence their judgment or the quality of their services.	
Engineers shall not accept compensation, financial or otherwise, from more than one party for services on the same project, or for services pertaining to the same project, unless the circumstances are fully disclosed and agreed to by all interested parties.	
Engineers shall not solicit but may accept financial or other valuable consideration, directly or indirectly, from outside agents in connection with the work for which they are responsible, if such compensation is fully disclosed.	
Engineers in public service as members, advisors or employees of a governmental or quasi-governmental body or department may participate in decisions with respect to services solicited or provided by them or their organizations in private or public engineering practice as long as such decisions do not involve technical engineering matters for which they do not possess professional competence.	
Engineers shall not solicit or accept a contract from a governmental body on which a principal or officer of their organization serves as a member.	
Engineers shall not intentionally falsify their qualifications or actively permit written misrepresentation of their or their associate's qualifications. Engineers may accept credit for previous work performed where the work was performed during the period the engineer was employed by the previous employer. Brochures or other presentations incident to the solicitation of employment shall specifically indicate the work performed and the dates the engineer was employed by the firm.	
Engineers shall not offer, give, solicit, or receive, either directly or indirectly, any contribution to influence the award of a contract by a public authority, or which may be reasonably construed by the public as having the effect or intent of influencing the award of a contract unless such contribution is made in accordance with applicable federal or state election campaign finance laws and regulations.	
Engineers shall acknowledge their errors after consulting with their employer or client.	

Written questions:

- 1) Nancy Linden (UH Reference Librarian) presented a discussion on searching several reference databases. Name one of these databases and the kind of content in the database.
- 2) What are virtue ethics?
- 3) Briefly describe how ethical behavior and legal behavior may be different. Give examples.