

## Ethics for U.S. Engineers PDH904

1. Project management techniques are useful for monitoring work progress, schedule adherence and budgets for:
  - a. Manufacturing projects
  - b. Construction projects
  - c. Engineering design projects
  - d. All of the above
  
2. It is an employer's ethical responsibility to alert employees about any professional or physical risk associated with an assignment.
  - a. True
  - b. False
  
3. An engineer who works alone and has no professional coworker to review his/her work product should do which of the following?
  - a. Train a technician to check calculations
  - b. Find a colleague in a similar circumstance who can exchange project review services with you.
  - c. Check everything twice.
  - d. Include a disclaimer on all documents indicating that the work has not been verified independently.
  
4. Who is responsible for the accuracy of engineering software results?
  - a. The software manufacturer
  - b. The software designer
  - c. The professional engineer who utilizes the software in project design
  
5. If you are being paid for expressing an opinion about an engineering matter:
  - a. "Client privilege" makes it unnecessary to disclose the name of your client
  - b. Your client may reasonably expect that you will reveal only the facts that support the client's position.
  - c. You must limit your opinion to topics that you know and understand
  
6. When the US adopts metrification, manufacturers worldwide will benefit from the efficiencies of standardization.
  - a. True
  - b. False
  
7. Adopting CADD in the engineering workplace has proven to be ineffective in automating engineering design.
  - a. True
  - b. False
  
8. Engineering in the form of tool making dates back to:
  - a. Leonardo da Vinci - Italy (1452-1519 AD)
  - b. Aristotle - Greece (385-322 BC)

- c. Imhotep - Egypt (2630-2611 BC)
- d. Between 6,000 years ago and 1.8 million years ago, depending on your beliefs.

9. When an engineer discovers that he/she has made a design error on a project, the immediate response should be to:

- a. Acknowledge the error immediately
- b. Issue a clear, undistorted, unvarnished statement of the nature of the error
- c. Both a & b

10. Professional respect is automatically bestowed on anyone who is licensed to practice engineering.

- a. True
- b. False