Origins of the *IEEE Code of Ethics* have been traced by some researchers to as early at 1906, and the AIEE adopted a code of conduct in 1912. The IEEE was founded in 1963 from the merger of the AIEE and IRE, and the current Code of Ethics was adopted in 1974.

**Assignment:**

1. Review the *IEEE Code of Ethics* (in the class presentation).

2. Look up and study articles on the recent controversy, in which the U.S. Environmental Protection Agency (EPA) found that some Volkswagen (VW) automobiles sold in the U.S. had a “defeat device” in diesel engines that could detect when they were being tested and change the performance to improve test results. At least one of the articles reviewed should discuss the actual EPA findings.

3. In view of (1)-(2) above, write a report discussing at least one potential ethical dilemma related to this controversy. The report should:
   
   a. Identify one or more tenets of the IEEE Code of Ethics that might be considered in view of the VW controversy.

   b. Identify and explain the **ethical dilemma(s)**. A *dilemma* implies multiple unfavorable choices (stuck between a rock and a hard place). Therefore, explain the two or more unsatisfactory choices, i.e. what are the choices, and why are they unsatisfactory?

   c. Propose possible solutions that solve the ethical dilemma. Solutions should consider the IEEE Code of Ethics.

   d. Discuss how socio-economic and political concerns may affect the proposed solution(s).

The “Ethics Grading Rubric”, posted on the course web page, indicates what will be considered in grading the reports.