

## EE101 Engineering Ethics Assignment

Ethics is important in any field, and as electrical engineers you will be faced with ethical decisions throughout your career. In an effort to expand our appreciation for such issues we will explore a situation that involved an ethical dilemma and evaluate the issues involved.

Your assignment, due next week, is to locate a case study involving ethics in engineering and write an evaluation.

The case you write about can be a specific case study, a news story, or any such description of a real-life ethical dilemma that describes the situation in enough detail so that you can understand the context, nature and resolution of the problem. It must involve some area of engineering, preferably electrical, but other engineering fields are acceptable as dictated by your interests.

There are several Google searches that turn up relevant results, such as *electrical engineering ethics case study* and similar phrases. Texas A&M university has a particularly good array of examples. Do some searching around and find an example of ethics in practice that inspires you.

The written evaluation should include the following components:

- List the source of the story or case study you are using (a web address or other reference to the exact source).
- Describe the issue, including the context in which it arose, the nature of the dilemma, and the resolution and consequences.
- Identify the ethical issues involved. Point out which items in the IEEE code of ethics would apply to this situation.
- Describe how the people involved applied (or attempted to apply) these ethical standards to the situation.
- Discuss the issue from alternate points of view. Weigh the issues from various perspectives to explore the big picture.
- Evaluate the resolution. Discuss who and what you thought was "right" and "wrong" in the situation and how that relates to the code of ethics.
- Propose what you feel was handled well and would you have done differently.
- Summarize your evaluation and draw final conclusions.

This report should be similar in magnitude to the formal report in order to act as a substitute. There is no specific page requirement, rather a thorough exploration and explanation of the material is expected.