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Engineering Ethics

Objective: to begin to think about the ethics and ethical dilemmas that a working engineer might face.

Please include a cover page that looks like this:

- 1) Read through the Codes of Ethics for various Professional Engineering Societies. You might want to find the website of the professional society that is closest to the one that you think will represent you one day.

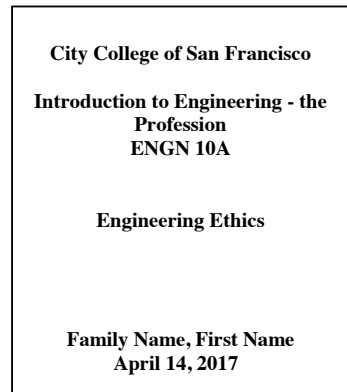
Here are some links you might want to check out:

- The National Society of Professional Engineers (NSPE) Code of Ethics 1981 to Present:
<https://www.nspe.org/resources/ethics/code-ethics>
- The American Society of Civil Engineers code of ethics:
<http://www.asce.org/code-of-ethics/>
- The American Society of Mechanical Engineers code of ethics - the PDF document:
https://www.asme.org/getmedia/9EB36017-FA98-477E-8A73-77B04B36D410/P157_Ethics.aspx
- The IEEE code of ethics:
<http://www.ieee.org/about/corporate/governance/p7-8.html>
- National Institute for Engineering Ethics:
<http://www.niee.org/>
- For links to different ethics cases:
<http://www.depts.ttu.edu/murdoughcenter/products/cases.php>
- The Online Ethics Center for Engineering & Science at Case Western Reserve University
<http://www.onlineethics.org/>

- 2) Read through the Codes of Ethics for various corporations. Find a website of a company that you might want to work for in the future.

Here are some links you can try:

- Shell Corporation
<http://www.shell.com/about-us/our-values/code-of-ethics.html>
- Bechtel Corporation
<http://www.bechtel.com/ethics.htm>
- Caterpillar
<http://www.caterpillar.com/en/company/code-of-conduct.html>
- Chevron:
<https://www.chevron.com/~media/chevron/shared/documents/chevronbusinessconductethicscode>



Procedure: Using the Internet, find an engineering related ethics case study (*keywords: engineering ethics case studies*) that is related to your engineering field of choice or you find interesting. Write a paper that:

- 1) Summarizes the situation and identifies the ethical dilemma.
- 2) Identify the type of engineer involved i.e. EE, ME, IE, CE
- 3) How was the situation handle by the engineer and how did this conform to the code of ethics described by their professional society i.e. IEEE, ASME
- 4) How should the engineer have resolved the situation ethically?
- 5) Please feel free to add other analysis to your paper you deem appropriate.

Attach reference information to your paper including:

- A copy of the case study with the source i.e. Web Site(s)
- A copy of the code of ethics (but don't print out 30 pages!)
- References (only) to any other related material you used in your analysis

**Hard copy due: April 14, 2017 or e-mail it to
professor.mueller@gmail.com by Midnight April 14**



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