Ethics Assignment for ELEC 4309 & MECH 4035-003

This is an individual assignment. Each person must turn in a paper that is 100% their own work (referenced citations are the exception).

Papers are due at the beginning of class, Oct 28

Details: Write a paper, 12 pt font, max of 2 pages, double spaced. The paper should describe how the IEEE or ASME Code of Ethics (below) applies to your Capstone project. Grades will be based on your coverage of all the points in the chosen ethics code (10 for IEEE, 8 for ASME) as it applies to your project as well as on the quality of your writing. Format is the writer's choice, but proper documentation of any sources is expected.

IEEE Code of Ethics

We, the members of the IEEE, in recognition of the importance of our technologies in affecting the quality of life throughout the world, and in accepting a personal obligation to our profession, its members, and the communities we serve, do hereby commit ourselves to the highest ethical and professional conduct and agree:

1. *to hold paramount the safety, health, and welfare of the public, to strive to comply with ethical design and sustainable development practices, and to disclose promptly factors that might endanger the public or the environment;*
2. *to avoid real or perceived conflicts of interest whenever possible, and to disclose them to affected parties when they do exist;*
3. *to be honest and realistic in stating claims or estimates based on available data;*
4. *to reject bribery in all its forms;*
5. *to improve the understanding by individuals and society of the capabilities and societal implications of conventional and emerging technologies, including intelligent systems;*
6. *to maintain and improve our technical competence and to undertake technological tasks for others only if qualified by training or experience, or after full disclosure of pertinent limitations;*
7. *to seek, accept, and offer honest criticism of technical work, to acknowledge and correct errors, and to credit properly the contributions of others;*
8. *to treat fairly all persons and to not engage in acts of discrimination based on race, religion, gender, disability, age, national origin, sexual orientation, gender identity, or gender expression;*
9. *to avoid injuring others, their property, reputation, or employment by false or malicious action;*
10. *to assist colleagues and co-workers in their professional development and to support them in following this code of ethics.*

ASME Ethics

The Fundamental Canons

1. Engineers shall hold paramount the safety, health and welfare of the public in the performance of their professional duties.
2. Engineers shall perform services only in the areas of their competence.
3. Engineers shall continue their professional development throughout their careers and shall provide opportunities for the professional and ethical development of those engineers under their supervision.
4. Engineers shall act in professional matters for each employer or client as faithful agents or trustees, and shall avoid conflicts of interest or the appearance of conflicts of interest.
5. Engineers shall build their professional reputation on the merit of their services and shall not compete unfairly with others.
6. Engineers shall associate only with reputable persons or organizations.
7. Engineers shall issue public statements only in an objective and truthful manner.
8. Engineers shall consider environmental impact in the performance of their professional duties.