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PHL 215 Engineering Ethics – Final Paper Project

Due Date: Monday November 21st, 2022

Length: Minimum: 1,800 words

Topic: Choose from the list under the heading "Paper Topics."

Once you choose your topic, we will organize into groups based on the topics. Each individual will then write their own unique paper. Then, during the final few weeks of class, each group will give a presentation to the class based on each individual's research together with the group's findings.

Method: Papers should adhere to the following format:

- Introductory paragraph(s) with a **clear thesis statement**
- Background information (no more than 2 pages)
- Identifying/discussing main ethical issues (at least 2 pages)
- Evaluating solutions to the issues (at least 2 pages)

Papers will be evaluated for (in order of greater to less weight): 1) philosophical content (i.e. the use of the ethical theories and "ethics toolkit" analysis tools learned in class), 2) written style and presentation, and 3) the mechanics of presentation including spelling, grammar, and punctuation.

The grading breaks down as follows:

Final Paper – 100 points

References – 25 points

Presentation – 25 points

Papers will have a **minimum of 3 sources**. And Wikipedia is **NOT** a valid source. Valid sources include the textbook, other books, news items, peer-reviewed journal articles, government documents, technical society documents, etc. (There will also be required sources for each paper topic.)

All papers should be typed and double spaced with one-inch margins on the sides, top, and bottom. Papers will also have a Works Cited page

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All papers should be typed and double spaced with one-inch margins on the sides, top, and bottom. Papers will also have a Works Cited page and will follow the MLA standard citation guide. Also include a cover page with your name, the course title, date, and a paper title.

The point of the paper projects is not to relate the facts about the cases but to do a deep dive on the ethical/moral issues that permeate these cases. To use the real-world factual situations as a jumping off point to discuss the ethical/moral issues and to use the tools we've learned (specifically the moral theories and principles) to solve the issues making the best possible case we can, **always relating the solutions back to the real-world working lives of engineers and engineering practice.**

Paper Topics

- **Data ethics:** The term "data ethics" refers to what should be concepts of right and wrong conduct related to computing systems and the storage and use of personal data. Explore some of the issues in data ethics by focusing on one example you find. (For example, targeted ads/tracking, data security, big data, privacy concerns, etc.) What are engineers' roles in ensuring a high moral standard in data ethics?



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