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<div align="center">Ethic Essay</div>

Every person has a code of ethics about themselves. Whether that may be how they treat other people, what is considered right or wrong, maybe even how other people should react to situations. These so-called personal ethics also apply to the world of engineering and are just as important. The "code of ethics" introduced to us, focuses on making improvements in engineering while trying to keep the world a better and safer place. With 10 different codes in the paper, it encapsulates the best way to go around problems an engineer may face.

The purpose of having a "code of ethics" is that someone may think about it before making a decision. If ethics were never introduced to someone, they might not even have a second thought on how their actions might affect other people. I think that when faced with an ethical situation, having a page to go look back on can help. Personally, having the paper, and being faced with a problem. I will try to come up with a solution to the best of my ability, then go and look at the paper. One by one checking each ethics code off until this solution fits until all of them. If not, a new solution must be made. I think that the factors that go into making my decision would be my own ethics, the code of ethics, and my superiors saying what must get done. When you get down to the end, it really depends on your own ethics, which will influence your decision the most.

The ethical issues that were discussed in class were the big data issue, Pinto issue, VW issue, and amazon echo issue. These all of course were different problems and at different times. Though they all played a role in ethics. With the big data issues, the problem was who and what should have access to all this data on everything. Does some bank really need access to medical records, or vice versa? Should people worry that companies use this information for malicious intent? I think this is where the class differs from my own thoughts. I think that access to information should be made universal, and the problem about what if someone gets my information for bad intent will go away if everyone has access to it. Of course this can go much further in depth and has the possibility of opening up new problems. For example I had a comment on one of my discussion posts of someone saying, "I believe that people still deserve to be able to have privacy in their life." This I agree with. I think that if someone chooses to live a more personal life they should be able to, even myself I choose to not post on social media and really only have to keep up with friends and family.

Another problem that was introduced and discussed in this class was the VW issue. This problem stemmed from VWs software to cheat emission tests by the government to limit carbon emissions. This of course affects all people on Earth and was done by a big corporation. It is easy to put the blame on one person, like the CEO, but this is more than one person's problem. The software engineers had to build it, the managers had to approve, and yes the CEO had to make sure they were passing the tests in some way. In my comment on this person's post, I talked about how new government laws can just be seen as a hurdle, rather than a slight turning point. Saying that companies will go to crazy lengths to fit deadlines and keep cost low. Also stating

that this is why I think it is important for engineers to know the code of ethics so that a problem like this can be stopped before it gets to the production line. I would say for the most part our ethics and how we should go about this problem were the same for this. We all thought that company employees should not do something they think is wrong.

Virtue of ethics was another document that we had read over and used to come to a conclusion on ethics problems. This focuses more on the personal ethics of someone which I talked about earlier. I want to highlight again that I think when it boils down, someone's personal ethics will always come into play over all others. I think that responsibility, self-discipline, and integrity are the most related to my case study. With responsibility, I think it covers such a wide range of things that it can be incorporated into every other virtue of ethics. Having responsibility will make you feel accomplished in a good way, projecting what kind of person you are. With self-discipline, it is important to pick a goal and stick to it. When the government creates a law banning new cars emitting a certain amount of carbon, it is important that you work around that issue, not bull dozing right through it. Self-discipline will keep you motivated to follow the code of ethics and hold it to a high regard. Lastly, Integrity. I think that having integrity is important because it helps you be a better person. When you have integrity, you are more likely to make good decisions, treat others with respect, and be successful in life. Without integrity, people can become dishonest or sneaky with certain rules.

With the virtue of ethics, I think that it is perfectly fine the way that it is. I've been thinking about different things to add to it, though they all fell under one of the topics that were in the list already. I also think that having yourself think and try and fit your thoughts into the list will help you remember and expand your knowledge on ethics

problems. Following a code of ethics is once again part of life at all times, and changes throughout that time. It is important that you have a good look at your ethics, the people around ethics, and the company you work for ethics. Refreshing yourself with the list can help you live with a free conscience, and do good for the world.