CSCE 155N Final Project

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Revision number

Use MATLAB to evaluate a few basic aspects of the design of a vehicle

GitHub Repository link

3.Discuss what information can be inferred from the equations you have plotted, the general shape of the plots, and how you might use this information if designing a vehicle.

It took me about 5 hours total. This is only including the time working on the project not in between time. It took me a while to figure out how to call the range in the function, but the instructor lead me in the right direction and I got if figured out. The report took me about 3 hours to write and the code also took me about 2 hours to get figured out. This includes the time I worked with Quinn. I believe this was a good project, time based, because it wasn’t asking for too much code or writing. It had a good time frame and there were ways to get help if you needed it in a timely manner so that you didn’t get behind or you were rushed. I felt this class did a lot of stuff but that everything had a purpose and that everything helped you learn. I enjoyed spending time figuring some of these things out, even though a lot of the time it was frustrating. I have always been a logical thinker and coding is pretty much that.

I did struggle a lot with the class at first. There was a lot of information thrown at me at once and I felt like there was a lot of information that was not explained to me. On the first day we went over some broad terms or mat lab that did help, but they we did not go over the basics of the actual program. It was disorienting and at times I had no clue what to do because I had the code in the wrong file. Another thing I was confused on were calling the functions. I didn’t know what to type and what the format had to be. I figured this out over time, but I think there should have been a lesson about that after we learned about the first few basics of code. One thing that could have helped me in this course is going through the code slower so that every piece could be evaluated, and nothing was implied. I believe that if this would have happened there would have been more times where I could learn how to call a function and the purpose for putting in certain annotations. One thing that really did help me was the class activities. I really enjoyed going through them and I did learn a lot from them. The only method I used to catch up was just to re-watch lectures and follow along slower so that I could understand the stuff that was skipped over fast.

6. This section of CSCE 155N was an experiment with a new format for the course. In what areas do you feel course content or presentation can be improved going forward?

The start of the class for sure. There was a lot of things that were skipped over and if I were introduced to the program better, I think I would have a deeper understanding. Overall, the hour lecture did not seem like enough time to get to understand the information presented and I frequently had to go to office hours because something was skipped over, and I did not understand it. In lecture I did like all the participation because you called on people. It gave a chance for the instructor to explain certain things that people did not understand before they were lost completely. Office hours seemed to be empty and so there was no competition for one on one interactions. The lab hours were also helpful because they were right after class and it gave a chance to work on it with a person to either get help from or bounce your ideas off of when you were unsure of the step to take next. I don’t believe that it needed to be 2 hours long, but it was definitely helpful when you hadn’t started the lab. The last thing I want to comment on uploading files in a timely manner. I would want the lab to come out earlier, like at the beginning of the day, so that I could work on it before lab hours. Also, class activities should be posted earlier so that I could download and understand what’s going to happen before class just jumps right into it.