Final Project Overview – A solution for clients

The final project of ENE 111 is the culmination of the two courses you've had in engineering in the OKEE Program. You have a developed know of building, simple machines, programming, sturdy structures, and circuits to draw on for your final project. In addition, this semester we’ve spent time talking more about Human-Centered Design. Your final project is to identify a problem that at least 2 people you know face (young or old, family or non-family members). You'll spend time going through the entire design process. You will need to specify the constraints and requirements, tell us how you will test it, and show evidence of how it works from you data.

Week 9 – You will tell us about your problem, your ideas for solution, and how you plan to solve it. Leverage this week for getting feedback from us on the idea and any ideas you need help with. There should be some elements that will take some effort to figure out or perfect. We'll give you feedback on the idea and how to structure it (how you could try out some of the more challenging elements and fall back plans).

Week 10 – You'll construct your first prototype. You need to try it with at least 1 user. You'll share your design and the user feedback with us and tell about the changes you plan to make or elements you need to improve.

Week 11 – Final Project – You’ll be asked to document how your solution works with pictures, videos, drawings and diagrams, show that you’ve tested it with 2 users and their feedback, reflect on your process, and discuss improvements you’d make in a future iteration.