

## Meah Ferguson MET 330 Final ePortfolio

In this course I can easily say that I have learned and retained everything that was covered in the course syllabus. My personal learning style was reflected in my ePortfolio with the contents provided in the website(<https://sites.wp.odu.edu/met-330/>). It was great to have all my work and homework in one place to reference when preparing for tests. The tests rubric including purpose, drawings & diagrams, sources, design considerations, data & variables, procedure, calculations, summary, materials, and analysis were a very helpful format to keep my work neat and understandable. My learning is demonstrated in fluid mechanics on my ePortfolio and Google Drive link provided. I have all my homework, exams, and exams reflections (that I completed). This shows all my work throughout this summer course and my first experience using ePortfolio as well. I feel that I improved overall in the course from learning new concepts to excel spreadsheets and time management as no late grades are accepted. I see fluid mechanics having some intersecting with my field when doing designs and even if I don't use these concepts anytime soon, I most likely will eventually. Currently I haven't been able to apply this to any work-related activities but as I continue my course load I am prepared to build on the concepts. The information learned in this course can be used for personal use when doing plumbing or home improvements. The open channel section can also be used with any kind of water body. I think what I learned is important to my professional career because the concepts or problem solving and narrowing down to the best option, like we did specifically with excel is something beneficial. I use excel often at my job but have never used it as a calculator or with complex formulas which can make solving much easier. Everything I learned can be applied to real life situations, work related issues, and personal use as well. If I was to start this class again, I would probably take it in a fall or spring semester as the summer is so busy. Even though I did fairly well in this class, this is my first-time taking summer classes and I perform much better in the usual school year. I wanted to keep moving forward with my part time classes and this was the best class option for me as it was all online with no required meeting times. I have improved as an engineer by opening up to new concepts as Electrical is my major and Mechanical is my minor. I have been able to see how engineering involves the same concepts even if they are different topics. I see it often at my place of work that engineering can be done no matter the discipline with proper training and onboarding. My biggest accomplishment was feeling confident completing test 3(<https://sites.wp.odu.edu/met-330/tests/>). Although I still only received a B, from the self-grading I felt accomplished that I did not struggle or spend as much time as I had on the other tests even though it was still not an amazing grade. Before I took this course, I thought it would be very hard since it has been a few years since I took Thermodynamics, but it wasn't as bad as I had assumed. The canvas format was great to keep up with and a schedule that remained consist of all summer. Help from the professor is always available even though I am not a student that likes to ask for help but a one-on-one zoom meeting at the start of the class really helped me and clarified some of my misinterpretations of the expectations. This has ended up being one of my favorite classes I have done at ODU so far and I look forward taking more classes and using study habits and formats in those as well.