

MET330 Test 1 Reflection

Nicholas Albano

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A. I had a couple issues regarding the first question because I was thinking too hard on the wording and confused myself. Other than that, I didn't really have any other issues regarding the test, but I did reach out to the professor for help/clarification on the wording of the problem.

B. The steps I took to complete the test involve using my time wisely to relax and prepare myself. Usually, I am a terrible test taker because I get very anxious. With the amount of time, I had on the test I took every day slowly and worked on each problem many times before I submitted my test.

C. I learned the most from fluid density and pressure like in problem 1. I thought that problem was the easiest and I really was able to understand that topic pretty quickly.

D. Engineers use them all the time, fluid mechanics is everywhere, and the involvement of pressure and density is something engineers use all the time. For example, water towers, dams, pipes, any sort of water involvement, etc.

E. I will probably be using all the things I learned for my whole career as an engineer. I feel like this stuff will never go away for engineers and it is something we need to be familiar with.

F. Absolutely! As I said before I think all of this will be a part of my everyday life as an engineer when I graduate.

G. To be specific, I will probably use this information when/if I work for NASA. NASA is known for more than just rockets but the mechanics involved with NASA is very high.

H. Of course, I use some of this material for my thermal applications class. I'm sure in the future when I do work, I will use it then, but I don't use it for work now.

I. I would say the first two weeks of material is where I was most successful, the third week of material was a little difficult for me and I sort of struggled a little bit.

J. I can see this course being a vital role in my engineering degree/future. I can see why the professor stressed not to cheat because this course is very beneficial to know and practice.

K. I spent a good 10 hours of constant work on the test. The other time I wasn't working on the test was used to practice and maybe find some similar formulas/problems in the notes and textbook to assist me. I don't think I would do anything differently, I thought I did relatively good on the test.

-GRADING

Problem 1:

1. $1/6$
2. $1/6$
3. $1/6$
4. $1/6$
5. $1/6$
6. $.5/6$

Total: $5.5/6$

Problem 2:

1. $1/7$
2. $1/7$
3. $0/7$
4. $0/7$
5. $1/7$
6. $0/7$
7. $.5/7$

Total: $3.5/7$

Problem 3:

1. $1/7$
2. $1/7$
3. $1/7$
4. $1/7$
5. $.5/7$
6. $0/7$
7. $0/7$

Total: $4.5/7$

Final: $61.7/90$