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Test 2 Reflection

1. The test demonstrated my work with the course learning objectives, for examples using Rankine Cycle with superheating, re-heating and regeneration to steam power plants. In addition the basic operation of combined gas turbines vapor cycles.
2. My test compares against my solution my numbers were relatively close to the solution from the thermal efficiency however I might have some mistake when calculating for the net work. . Number 2 states were fairly the same however 7a and 7b just disappear and slight changes to the thermal efficiency and net work. I felt really good about this exam small mistakes might have happen but I don't think I did terrible compared to the first test.
3. I believe I should get a C+ or B- because I did everything the test ask I might have got some sort of confusing when it came to the malfunction for number two; however created the structure very well.

a. What issues did you encounter in completing the test? How did you troubleshoot them?

I encountered numerous issues during the test such as the information that was given to us. I troubleshoot it was using the textbook, re watching the lecture videos and homework problems.

b. What steps did you take to complete the whole test? Would you change something?

I went to the library to complete the whole test, pushing all the distractions away and to stay focus. Re watching his lecture videos and going over the homework, I believe it was the last homework and one of his lecture problem helped me a little to solve this exam.

c. What new concepts have you learned?

I used the same concept from his format and using this format helps me a lot to be organized. This concept is really great when attempting to solve a really hard class like this.

d. Where you think engineers use those concepts (provide specific examples)?

Engineers use these concepts into designing steam power plants, engineers will need to know what to do when a malfunction occurs.

e. Where do you think you will be using everything you learned?

Everything I learned, will be used in any professional job that will require the use of critical thinking and problem solving.

f. Do you think what you learn is important for your professional career?

Yes, I believed what I learned is very important to my professional career, and that is to stay focus and used the resources that are given to me in order to finish the problem or design.

g. How, when, where and why you might use this information or skill in the future?

I feel that the information given to me will be a stepping stone to what is to become in my future, however, I don't believe I would be using this information in my future career.

h. Have you been able to apply concepts you have learned in the course to what you do at work or in other courses?

Yes, I have always been applying concepts I learned in school to my work, and that is problem solving and critical thinking. Fluid Mechanics, Thermodynamics, and Thermal Application somehow all play a factor when it comes to these courses and as a engineer we will need to learn how to work through them.

i. What areas did you feel you were most successful, or improved the most?

I felt where I were most successful was during the Procedure and Calculation area, however it required a lot of formulas to solve the problems but once it was calculated it turned out good and made me feel successful.

j. How do you see this course's content intersecting with your field or career?

It will really varies if this content will play a role in my field or career, but I do not know what the future has to come for me.

k. How much time did you spend on the test? How was the time organized? What would you do differently? Why?

I spent everyday on this exam going back and forth notes, and lecture exam. However I did have a distraction and it was a family emergency which gave me a step back and completely loss of focus. But I was able to regain my confidence and gather myself in order to complete this exam knowing this is priority. I wouldn't do anything different because this exam I felt like I did good not terrible.