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MET 350 Thermal Applications

HW 1.1 Syllabus Reflection

- What assignments or activities look familiar and manageable, and why?

The assignments that look familiar are the diesel cycle because I have been working on various diesel engines for 19+ years. Additionally, the refrigeration and heat pump section are very familiar I took a 6-week course working on air conditioners and refrigeration, so I am familiar with their cycle and operation.

- Where are we meeting for our classes on Tuesdays and Thursdays?

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- What assignments or activities look more challenging or difficult for you, and why?

I am not as familiar with many of the other cycles such as the Otto, Brayton, Jet, or Rankine cycles. These new cycles will be a potential challenge to learn. I have a small understanding of the jet cycle as I have learned about them in text books, but I have never been on or worked on a vessel with a jet turbine.

- What parts of your reading, writing, research background and skills make you confident about some parts of the course and hesitant about others?

I feel fairly confident about being able to comprehend the material in this course. I did pretty well in thermodynamics and did excellent in heat transfer, so if that material carries over I should be okay.

- Explain briefly how the instructor will grade each of the tests.

Each test will be based on 100 points with 10 consisting of homework. All three tests will total 95% of the final grade. Out of the 90 points 10 points will be how well you can follow the rubric for formatting; the other 80 points will come from the procedures used to answer the questions. These 80 points is broken down by the number of steps to solve the problem. There is also an additional 5 point post test activity for a test reflection and an ePortfolio.

- What happens if you miss a test? Could you miss any test?

You are allowed to miss one test which will be made up the week prior to finals. This excludes the last test.

- What are the different options to gain extra points?

In addition to the test reflection and updates to the ePortfolio a final 3 points towards the final grade can be added by doing a ePortfolio reflection.