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

The following topic looks familiar and manageable. These all ring a bell from my thermodynamics class and I have practical knowledge with some of these topics. I used to work in the compressed air industry and refrigeration dryers, and I used to work for a manufacturing plant where we touched on these topics. I also tune race cars and hot rods. So, the thermal cycle and heat generation and how you intercool, and engine is very important

- Develop an intuitive understanding of how to apply the first and the second law of thermodynamics to different thermal systems
- Apply thermodynamics laws to gas turbines Engines using ideal cycles, reheating regeneration, and inter-cooling cycles.
- Analyze the ideal Internal Combustion Engines cycles using air as the working fluid.
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Where are we meeting for our classes on Tuesdays and Thursdays?

We are not meeting.

Lecture Hours:	At your own time but make sure you stay on Schedule
	(see SCHEDULE under Modules)
Location:	At your own location

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

The following look more challenging to me because I don't have a lot of knowledge or practice with these topics. I am interested to learn more about these topics.

- Apply thermodynamics laws to Jet Propulsion Engines using ideal cycles.
- Develop a clear understanding the basic operation of combined gas turbines vapor cycles, co-generation and binary vapor cycles
- Develop the knowledge to calculate moist air properties (Psychrometry).
- Define different air-conditioning processes using the Psychometric chart.

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

I will use my technical writing skills and background that I gained at my professional military and aerospace job. I feel confident that I can follow the rubric and pass the class.

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

10 Points will come from the attached rubric. 80 points will come from the procedure. The remaining points come from if you solve the problem correctly.

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

You have one make up test and if you miss HW assignments it could affect your grade.

What are the different options to gain extra points?

Post test activity eportfolio and reflection and Final ep course reflection.