

Colby C. Burnam
MET 330
Fall 2022
Final test reflection

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- 1) My learning experiences in MET 330 have included understanding the nature of fluids, primarily the nature of water. We looked at the nature of a few coolants, however most of our work was primarily focused on the nature of water.
- 2) 8 questions to be answered using (visual, audio or written)
 1. <https://youtu.be/1zKcRjx28D4>
 2. <https://youtu.be/1zKcRjx28D4>
 3. https://soundcloud.com/colby-burnam/question-3?utm_source=clipboard&utm_campaign=wtshare&utm_medium=widget&utm_content=https%253A%252F%252Fsoundcloud.com%252Fcolby-burnam%252Fquestion-3
 4. <https://youtu.be/ImWIU5FmDBw>
 5. <https://youtu.be/IVVY6IgHIs0>
 6. https://soundcloud.com/colby-burnam/question-6?utm_source=clipboard&utm_campaign=wtshare&utm_medium=widget&utm_content=https%253A%252F%252Fsoundcloud.com%252Fcolby-burnam%252Fquestion-6
 7. https://soundcloud.com/colby-burnam/question-7?utm_source=clipboard&utm_campaign=wtshare&utm_medium=widget&utm_content=https%253A%252F%252Fsoundcloud.com%252Fcolby-burnam%252Fquestion-7
 8. <https://youtu.be/jCKidEtrpwU>
- 3) Also answer the following questions
 1. I realized blocking time is important to time management. When solving these long problems appropriate time management is important to ensure the test is completed on time in completion.
 2. My biggest accomplishment in this class was when I understood the concept of minor losses in a hydraulic system. When we understand the losses in the system then we can begin to understand the pump requirements.
 3. The skills that I mastered in this class included the mastery of creating equations equal to solve for an unknown variable by the methods of Excel iterations.
 4. My strengths are combining each individual loss to come up with a total flow rate. My weaknesses are dealing with multiple branches and pump sizing.
 5. The way I thought before this course before I took it was that it would be difficult and tasking. Now that I have made it through the class, I have a new perspective and realize that the equations are primarily algebra in nature and I have a great foundation in algebra so this is not as intimidating as it once was.