

# ME 3111 – Fluid Mechanics

## Engineering Project Format and General Instructions

**Percent of class grade:** This assignment is 20% of your final grade.

### Report Format:

- 1) The write-up should be written as a memo from you to me, as if I were your boss.
- 2) Intro – Briefly describe the overall project and your specific part in the project.
- 3) Detailed Recommendations and Justification for system design, performance expectations and limitations.
- 4) Use bullets for ease of reading and clarity.
- 5) This memo should be less than two pages, preferably less than one.
- 6) Calculations will take many pages and are recommended to be performed on the computer.
- 7) Include calculations and other supporting information as attachments to the memo. The attachments will be graded and must be clear and neat.

### Evaluation:

- 1) **This project is to be performed individually as if it were a take home exam. You may discuss the project with your classmates, but you may not copy another's work or discuss specific values obtained in the analysis. You may use any other reference necessary to perform the project. Stop by my office if you want to consult with me on this project.**
- 2) Evaluation will be performed as if I were your boss. I will look at it as if I were the senior project engineer and you were part of my project team.
  - a. As a project engineer, I don't want to have to spend a lot of time checking your calculations, so they must be clear and follow a logical path. If they are unclear, I would simply reject them and throw them back into your corner. I will check your calculations, but it should be painless on my part.
  - b. If there were a time constraint on the project, and your work is unclear, I would take your work and perform all calculations myself. Of course, if your work is not adding value to the firm, then additional steps would be taken regarding your performance.
  - c. Please be neat, clear and correct. Thanks.