CHEE 6550/8550 – HW02
Team Assignment
Due 3pmET, Thursday, September 5, 2019
18 points for Written document and
6 points for Peer evaluation via Google Form (3 points for earnest response, 3 points for earnest participation)

Overview
Traditionally, five minutes at the start of class on Fridays were dedicated to videos related to course content. The YouTube pedagogy has resulted in 3 peer reviewed journal papers. The objective of this homework is to write a final exam problem based on a video that could be used for an undergraduate fluid mechanics course.

Assignment
Pick a video related to fluid mechanics (less than 5 minutes in length) and specific to your subtopic listed with your team. From the video, write a fluid mechanics problem that could be assigned on the final exam for an undergraduate fluid mechanics course. In the problem statement, clearly indicate any values estimated from the video. In addition, include a 150-word summary of the course concepts addressed by the video/problem authored by the group. Commonly, problem will include a schematic, drawing, or figure with the solution. Also, listing assumptions is required for most problem statements. An example of the three-page format is included on Blackboard.

Deliverables
This project should be typed and formatted professionally (no hand-written solutions). Use the template on Blackboard to format your summary, problem, and solution into the provided 3-page format.

> Submit a .doc or .docx file via Blackboard with filename = Team#_YT2019_Fluids.docx where # is 1, 2, etc. Ex: Team1_YT2019_Fluids.docx

Grading is articulated in the rubric and summarized here.

1. Written Document: The reflective summary communicates effectively the concepts covered in the problem. Problem statement is complete and appropriately difficulty. Problem solution is complete, correct, and appropriately difficult. The situation in the video is sufficiently integrated into the problem statement (i.e., what value or values were estimated from the video). Rubric is posted on Blackboard.
2. Peer Evaluation: Responses on Google form evaluate your and your teammates effort and participation.