NOTE: In all solutions, state explicitly every assumption and/or approximation made, explain every procedure, and justify its use. Dimensional analyses are absolutely necessary. All results must be expressed in appropriate units. PLEASE, ALWAYS SHOW ALL WORK, while writing your results only on one side of the sheet(s) of paper; start each problem on a new sheet. Attach this sheet to your solution. Show your work using a clear and professional style.

PROBLEM 8.1. Submit extended abstract and layout of your project for this course. Abstract and layout must describe: (a) what will be done and why; (b) detailed list of activities to complete the project (how), including corresponding methods and schedule; and (c) results that are expected and the interpretation of the results.

PROBLEM 8.2. Refer to Problem 8.1. Project Update: prepare an extended 30-40 min presentation of your course project, including detailed description of activities to be complete, methods, materials/equipment needed, and schedule; presentation to be given at our meeting time on Wednesday, December 03.

Note: if needed, please consult with instructor about methods & equipment available.