CME 292: Advanced MATLAB for Scientific Computing

<u>Homework Policy & Instructions</u>

<u>General</u>

CME 292 will be comprised of four homework assignments. Each homework will constitute 25% of the final grade for the course. A final grade of 75% or above is considered a passing grade for the course.

	% of Final Grade	Total # Problems	Min. # Req'd
Homework 1	25%	5	2
Homework 2	25%	4	2
Homework 3	25%	2	1
Homework 4	25%	4	2

Table 1: CME 292 Homework Overview

For a given homework assignment, you are free to select whichever problems you would like to complete, provided you complete the minimum number of required problems, indicated in Table 1. For example, Homework 1 consists of 5 problems and you are required to complete at least 2 (whichever 2 you prefer). This enables you to tailor the assignments to your interests.

<u>Submission</u>

The homework assignments should be submitted via the Dropbox on Coursework. There are three requirement for each homework submission

- All M-files that comprise your code for each problem
  - I highly recommend writing modular code. This means splitting code up into functions based on functionality. Modularity facilitates code reusability and readability. This is good programming practice in general.
- A README file (plain text or PDF, preferred) that
  - indicates which problems you have chosen to complete
  - contains your response to any questions posed in the problem set (keep responses brief)
- A driver script
  - This should be a <u>script</u> that completes all of the tasks for all problems you choose to complete.
  - This does not mean you should put all code for the assignment in a single file; instead, create a series of functions that complete small pieces of the assignment and use the driver script to piece them together.
  - There can be one driver script for all problems or one driver script for each problem

Zip/tar all required material for a given assignment and upload it to Coursework.

<u>Grading</u>

Be sure to indicate in your README file, which problems you chose to complete. This will help speed up the grading process.

For a given problem set, each problem will be weighted equally. Partial credit will be awarded for completing subproblems if the code for the entire problem is not operational. There will be some flexibility in the grading, particularly for students that attend office hours and show a genuine interest in learning the material and getting code working by the deadlines.

Late assignments will be accepted <u>if extension requested</u>.