Exam 1 Tips and Tricks
Fall 2022
Matthew Woodring

Reminders:

1. Exam 1 is during your normal class time on either Monday (09/26/22) or Tuesday (09/27/22).

2. You are not allowed to access any programs, websites, or files except for MATLAB, MATLAB Help, and the exam prompt.

3. Exam 1 is worth 10% of your final grade in the course.

Tips and Tricks:

1. Do not panic if you get stumped on part of the exam or your code does not work on the first couple of runs. Stay calm and try to understand why the problem is occurring. The fastest way to do poorly on the exam is to panic during the exam.

2. Read the background of the problem and each task until you fully understand what is being asked. It is better to spend an extra five minutes at the beginning of the exam to reread the prompt than to spend an extra thirty minutes later being confused.

3. Know how to zip/unzip a file before the exam.

4. Make sure you can complete both MA1, MA2, and preferably a couple of the practice exams in the recommend proficiency time. Make understanding MA1 and MA2 a higher priority than understanding the practice exams.

5. Be familiar with and have a decent understanding of the functions and topics listed on the next page.

Best of luck on Exam 1!

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Useful Functions:

- 'input'
- 'load'
- 'csvread'
- 'menu'
- 'fprintf'
- 'save'

- 'length'
- 'size'
- 'numel'
- 'zeros'
- 'ones'
- 'end'

- 'plot'
- 'xlabel'
- 'ylabel'
- 'title'
- 'grid'
- 'figure'

- 'mean'
- 'median'
- 'sum'
- 'max'
- 'min'
- 'find'

In addition to these functions, make sure you understand these topics:

- Creating vectors/matrices
- Indexing vectors/matrices
- Manipulating vectors/matrices (adding/removing row/columns)
- Appending elements to vectors/matrices
- Element-by-element operations (the dot operator)
- Creating and calling user-defined functions