MATH 340 PROGRAMMING IN MATH

Exam 1 Instructions and Topics

Topics to be included in Exam #1:

- Jupyter Notebook and Python Programming
- Approximations and Taylor series
- Conditionals: While Loops, For Loops
- Plotting Mathematical functions
- Writing Python functions

Of course, study Homework 3 and 4 assignments, all the Lecture Notes (Lecture 1, 2, 3, 4 and 5), and all the work covered in the class. You will be tested very thoroughly.

Study all examples in the lecture notes and those covered in class.

Rules:

- You are only required to bring pen and/or pencil and eraser.

- Questions about the mathematics on the exam will not be taken - you should understand all the terminology from your studies. It's very distracting to other students to have people talking. It is ok to ask a question in order to clarify the instructions or the typing on the exam.

Cheating:

There will be absolute zero tolerance towards cheating. All work that you complete in this class should be your own and only your own. Any (yes any) form of cheating will automatically result in an **F** for the whole course and direct disciplinary action with the

Center for Students Rights and Responsibilities (which may include punitive sanctions such as probation, suspension, or even, expulsion).

- Note that helping a fellow student during an exam is cheating (both students involved will be given an **F**, so do **not** let others copy from your test!).
- If others cheat you are at a disadvantage; thus, if you see any form of cheating, please report it to the instructor as soon as you feel comfortable in doing so.