

CAAM 336 · DIFFERENTIAL EQUATIONS IN SCI AND ENG

Examination 1

Instructions:

1. Time limit: **3 uninterrupted hours**.
2. There are four questions worth a total of 100 points.
Please do not look at the questions until you begin the exam.
3. You are allowed one cheat sheet to refer to during the exam.
You *may not* use any outside resources, such as books, notes, problem sets, friends, calculators, or MATLAB.
4. Please answer the questions thoroughly (but succinctly!) and justify all your answers.
Show your work for partial credit.
5. Print your name on the line below:

6. Indicate that this is your own individual effort in compliance with the instructions above and the honor system by writing out in full and signing the traditional pledge on the lines below.

7. Staple this page to the front of your exam.

1. [25 points: (a) = 5, (b),(c) = 10]
2. [25 points:]
3. [25 points:]
4. [25 points:]