

## CAAM 336 · DIFFERENTIAL EQUATIONS

### Examination 1

Posted Tuesday, 16 October 2012.

Due no later than 5pm on Monday, 22 October 2012.

Instructions:

1. Time limit: **4 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 *may not* use any outside resources, such as books, notes, problem sets, friends, calculators, or MATLAB.
4. Please answer the questions thoroughly and justify all your answers.  
*Show all your work to maximize partial credit.*
5. Print your name on the line below:  
  
\_\_\_\_\_
6. Time started: \_\_\_\_\_ Time completed: \_\_\_\_\_
7. 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.  
  
\_\_\_\_\_  
  
\_\_\_\_\_  
  
\_\_\_\_\_
8. Staple this page to the front of your exam.