

## CAAM 336 · DIFFERENTIAL EQUATIONS

### Examination 1

Posted Friday, 17 October 2008.

Due no later than 5pm on Tuesday, 21 October 2008.

#### Instructions:

1. Time limit: **4 uninterrupted hours**.
2. There are three questions worth a total of 105 points.  
(Any scores above 100 will be regarded as bonus.)  
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.