MATH 255

Conditions for Honors Credit

- Research and write a three-to-five page biographical report on two of the people who contributed to the field of differential equations who are mentioned in the book.

- Develop two of the application projects suggested at the end of some sections.

- Propose (and have approved) and complete an application project of your own choice.

Weighting of Components for Final Grade

Portions Adjusted from Usual Class Requirements

1. There will be three tests which will take approximately 1 hour each.
   Your lowest test score will be dropped.
   Each test will count 15% of your final grade.
   The totality of the two tests will count 30% of your final grade.

2. There will be quizzes based on the homework.
   Each homework notebook will count as a quiz.
   Approximately 20% of your lowest quiz scores will be dropped.
   The remaining quiz scores will count 15% of your final grade.

3. There will be several writing assignments.
   The totality of the writing assignments will count 10% of your final grade.

4. There will be a final examination which will be comprehensive and will take approximately two hours. The final exam will count 15% of your final grade.

Honors Portion of the Course

1. Research and write a three-to-five page biographical report on two of the people who contributed to the field of differential equations who are mentioned in the book.
   These two reports will count 10% of your final grade.

2. Develop two of the application projects suggested at the end of some sections.
   These two projects will count 10% of your final grade.

3. Propose (and have approved) and complete an application project of your own choice.
   This project will count 10% of your final grade.