

**Math 5525**  
**Introduction to Differential Equations**  
**Spring 2014**

**Instructor** M. Keel      Email: keel@math.umn.edu  
Office                  Vincent 222  
Office Hours      M,F 12:15 - 1:15

**Text** Michael Taylor, "Introduction to Differential Equations". Publisher: American Mathematical Society.

**Course Material** We aim to cover much of Chapters 1 - 3 of the text, with a small selection of topics from Chapter 4.

**Homework** There will be approximately 4 or 5 homeworks assigned this semester. They will be assigned on a Friday, and due 10 days later on a Monday, at the beginning of class. The first homework will be assigned on Friday, January 31.

**Late homework will not be accepted.** We will grade a select few problems from each homework, as our staffing does not allow all the problems you submit to be scored. In addition to the homework, you are expected to read ahead in the text so that the material in lecture is not entirely new to you. **You are urged in the strongest terms to take this reading assignment seriously.**

We will drop your lowest homework score before computing your grade. For example, if you miss one homework you will receive a "0" that week, but it will not affect your final grade as one score gets dropped.

You are **ENCOURAGED** to talk with each other, the teaching assistant, and the Instructor about the homework, but **you must write up the solutions yourself, using your own words.**

**Exams** There will be one midterm exam and one final exam. The midterm exam will be Friday, March 28th (this is the Friday after we get back from Spring Break). The midterm exam will include material we covered up until the start of Spring Break. The final exam is 1:30 - 3:30 on Friday, May 16th and will cover all material from the semester. This is the last day of Finals week. This exam time is dictated by the University (we have no choice in the timing). **NO MAKEUP EXAMS CAN BE GIVEN.** If you miss the midterm exam you will receive a 0 for that exam. See grading policy below.

**Grading** Your course total will be computed in two different ways: 35% homework, 25% midterm exam, 40% final exam; and then also 35% homework and 65% final exam. You will be given whichever of these two scores is higher, and your final grade will be determined by that higher score alone.