MATH 3410-005: Differential Equations I (tentative)

TIME AND PLACE: MWF 8:00 - 8:50 am - SAGE 354
PROFESSOR: Santiago I. Betelú
OFFICE: GAB 316, e-mail: betelu@unt.edu
TEXT: W. E. Boyce and R. C. DiPrima: "Elementary Differential Equations and Boundary Value Problems", John Wiley and Sons 10th ed
OFFICE HOURS: MWF 8:50 - 9:55 and 11:00 - 12:00

Schedule

Week	Section
Jan 20	2.1 - 2.2
Jan 26	2.3 - 2.4 - 2.5
Feb 2	2.6 - 2.7 - 2.8
Feb 9	3.1 - 3.2 - 3.3
Feb 16	3.4 - Review - Midterm 1
Feb 23	3.5 - 3.6 - 3.7
Mar 2	3.8 - 3.9 - 4.1
Mar 9	4.2 - 4.3 - 4.4
Mar 16	5.1 - 5.2- 5.3
Mar 23	5.4 - 5.5 - Review- Midterm 2
Mar 30	5.6 - 5.7 - 7.1
Apr 6	7.2 - 7.3 - 7.4
Apr 13	7.5 - Review - Midterm 3
Apr 20	7.6 - 7.8 - 8.1
Apr 27	8.2 - 8.3 - 9.1
Apr 26	9.2 - 9.4 - 9.5
May 4	Comprehensive review
May 11	Final Exam 8:00am

Grading: Grades will be based on three midterm exams (20 points each), homework and special projects (20 points) and a final exam (40 points). The lowest of the midterm grades is dropped, so the maximum score is 100. To earn an A you need 90 points, 80 for a B, 70 for a C and 60 for a D.
Homework: They will be assigned each class, to be completed the same day of the following week. The homework must be clear and show all intermediate steps. Check with the solutions at the end of the chapter, if you don't get them come to my office for help.
Exams: Midterm exams will be given in class on February 20, March 27 and April 17 on the usual class time. The final exam is scheduled on May 11, 8:00-10:00 on the same classroom (these dates may change).
Disabilities: It is responsibility of students with certified disabilities to provide the instructor with appropriate documentation from the Dean of Students Office.
Cheating: Anyone caught cheating will receive an F for the course. Turn off phones during class and exams. No calculators, electronic devices or notes are allowed during the exams.