MATH 3410-006: Differential Equations I (tentative)

TIME AND PLACE: MWF 9:00 - 9:50 am - BLB 50
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 8:15-8:55 and 9:50-10:55

Schedule

Week	Section
Aug 25	2.1 - 2.2 - 2.3
Sep 1	2.4 - 2.5 - 2.6
Sep 8	2.7 - 2.8 - 3.1
Sep 15	3.2 - Review - Midterm 1
Sep 22	3.3- 3.4 -3.5
Sep 29	3.5 - 3.6 - 3.7
Oct 6	3.8 - 3.9 - 4.1
Oct 13	4.2 - 4.3 - 4.4
Oct 20	5.1 - 5.2- Review- Midterm 2
Oct 27	5.3 - 5.4 - 5.5
Nov 3	5.6 - 5.7 - 7.1
Nov 10	7.2 - 7.3 - 7.4
Nov 17	7.5 - Review - Midterm 3
Nov 24	7.6 - 7.8 - 8.1
Dec 1	8.2 - 8.3 - 9.1
Dec 10	Final Exam 8:00-10:00

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 Sep 19, Oct 24 and Nov 21 on the usual class time. The final exam is scheduled on Wed Dec 10, 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: No cheating will be tolerated. Anyone caught cheating will receive an F for the course. Turn off phones during class and exams.