

MATH 3410: Differential Equations I (tentative)

TIME AND PLACE: MWF 10:00 - 10:50 am - LIFE A106

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 11:00 - 12:00

Schedule

Week	Section
Jan 13	2.1 - 2.2 - 2.3
Jan 20	2.4 - 2.5 - 2.6
Jan 27	2.7 - 2.8 - 3.1
Feb 3	3.2 - 3.3
Feb 10	3.4 - Review - Midterm 1
Feb 17	3.5 - 3.6 - 3.7
Feb 24	3.8 - 3.9 - 4.1
Mar 3	4.2 - 4.3 - 4.4
Mar 10	5.1 - 5.2- Review- Midterm 2
Mar 17	5.3 - 5.4 - 5.5
Mar 24	5.6 - 5.7 - 7.1
Mar 31	7.2 - 7.3 - 7.4
Apr 7	7.5 - Review - Midterm 3
Apr 12	7.6 - 7.8 - 8.1
Apr 19	8.2 - 8.3 - 9.1
Apr 26	9.2 - 9.4 - 9.5
May 9	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 14, March 19 and April 11 on the usual class time. The final exam is scheduled on Friday May 9, 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.