

MATH 3410-5: Differential Equations I (tentative)

TIME AND PLACE: MWF 8:00 - 8:50 am - BLB 225

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 10:00 - 12:00

Schedule

Week	Section
Jan 18	2.1 - 2.2 - 2.3
Jan 25	2.4 - 2.5 - 2.6
Feb 1	2.7 - 2.8 - 3.1
Feb 8	3.2 - 3.3
Feb 15	3.4 - Review for Midterm 1
Feb 22	3.5 - 3.6 - 3.7
Feb 29	3.8 - 3.9 - 4.1
Mar 7	4.2 - 4.3 - 4.4
Mar 14	5.1 - 5.2- Review for Midterm 2
Mar 21	5.3 - 5.4 - 5.5
Mar 28	5.6 - 5.7 - 7.1
Apr 4	7.2 - 7.3 - 7.4
Apr 11	7.5 - Review for Midterm 3
Apr 18	7.6 - 7.8 - 8.1
Apr 25	8.2 - 8.3 - 9.1
May 2	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. Pick up graded homeworks in my office during office hours.

Exams: Midterm exams will be given in class on February 19, March 18 and April 15 on the usual class time. The final exam is scheduled on Monday 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.