

MATH 3410-002: Differential Equations I (tentative)

TIME AND PLACE: MTWR 12:00 - 1:50 pm - BLB 245

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 9:00 - 9:50am and 1:50pm - 3:00pm

Schedule

Week	Section
1	2.1 - 2.2
1	2.3 - 2.4 - 2.5
2	2.6 - 2.7 - 2.8
2	3.1 - 3.2 - 3.3
2	3.4 - Review - Midterm 1
3	3.5 - 3.6 - 3.7
3	3.8 - 3.9 - 4.1
3	4.2 - 4.3 - 4.4
4	5.1 - 5.2- 5.3
4	5.4 - 5.5- Review- Midterm 2
4	5.6 - 5.7 - 7.1
5	7.2 - 7.3 - 7.4
5	7.5 - 7.6
5	7.7 - 7.8
Aug 14	Final Exam

**Grading:** Grades will be based on two midterm exams (25 points each), homework and special projects (25 points) and a final exam (50 points). The lowest of the midterm grades or HW 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 collected the following class. The homework must be clear and show all intermediate steps. The grader can easily spot copied answers and will assign 0 points. 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 Jul 23 and Aug 6 on the usual class time. The final exam is scheduled on Friday Aug 14 on the same classroom and time (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.