

Math. 316 — Applied Ordinary Differential Equations.
Section 005 (50771, MWF 9:00-9:50), Spring 2014

Syllabus.

Based on "Differential Equations", by Brannan and Boyce (BB) 2nd edition and
"ODEs using Matlab", 3rd ed. by Polking & Arnold (PA).

This syllabus will be regularly updated to reflect actual class pace.

Modified on January 16th, 2014

This class policies:

HWs: Mark each assignment by its number, clearly put your name at the top of the first page and don't forget to put problem numbers (including section and if they come from one of the required texts) at the beginning of each problem's solution. BB 7.1 refers to Section 7.1 in the main text and PA 3.1 refers to Section 3.1 in the the Matlab book.

Cell phones and other gadget: The use of cell phones, headphones, Ipads, etc. is not permitted during class or exams. Put your phone into the silent mode once you enter the class. If your phone rings or vibrates twice during a class you'll be asked to leave the room.

Entering/leaving the room during the class: If you have to do it do it as silent as possible because it's really distracting for everyone else in the class. At the end of the class for the same reason as above, please, don't start packing your bag until the class actually ends.

UNM general policies:

Attendance: Attendance is mandatory. If a student has more than three unexcused absences he/she may be dropped from the course. Tardiness or early departure may be regarded as absence. Please note that it is the students responsibility to drop the course if he/she stops attending. A failing grade of F may be assigned if the student stops attending and does not drop.

Student Behavior: According to the Code of Conduct as stated in the Policies and Regulations for UNM, student activities that interfere with the rights of others to pursue their education or to conduct their University duties and responsibilities will lead to disciplinary action. This includes any activities that are disruptive to the class and any acts of academic dishonesty. Students are expected to behave in a courteous and respectful manner toward the instructor and their fellow students. Students may be dropped for inappropriate behavior. The use of cell phones, headphones, etc. is not permitted during class or exams.

Deadlines: The Department of Mathematics and Statistics will adhere to all of the registration deadlines published by the Office of the Registrar in the schedule of classes.

Grading: To get full credit on graded work students must address all mathematical components presented by the problem, showing all steps and calculations. The use of proper notation, well structured procedures, and legibility will be taken into account when assigning points. Students who withdraw after the end of week 3 will receive a grade of W. If you do not withdraw, you will receive a letter grade of A, B, C, D, or F (but not a W).

Accessibility Statement: We will accommodate students with documented disabilities. During the first two weeks of the semester, those students should inform the instructor of their particular needs.

Week	Mon	Tue	Wed	Thu	Fri
1	January 20 <i>Martin Luther King Jr. Day</i>	January 21 <i>First day of classes</i>	January 22 BB 1.1, 1.2	January 23	January 24 BB 1.3, 1.4
2	January 27 BB 2.1	January 28	January 29 BB 2.4	January 30	January 31 BB 2.6
3	February 3 BB 3.1	February 4	February 5 BB 3.1	February 6	February 7 BB 3.1 <i>Last day to drop</i>
4	February 10 BB 3.2	February 11	February 12 BB 3.3	February 13	February 14 BB 3.4
5	February 17 BB 3.5	February 18	February 19 BB 3.6	February 20	February 21 BB 3.7
6	February 24 BB 4.1	February 25	February 26 BB 4.2	February 27	February 28 Exam 1
7	March 3 BB 4.2, 4.3	March 4	March 5 BB 4.3	March 6	March 7 BB 4.3
8	March 10 BB 4.4	March 11	March 12 BB 4.5	March 13	March 14 BB 4.6

Week	Mon	Tue	Wed	Thu	Fri
	March 17	March 18	March 19	March 20	March 21
	<i>Spring Break</i>				
9	March 24 BB 4.6, 4.7	March 25	March 26 BB 5.1	March 27	March 28 BB 5.2
10	March 31 BB 5.3	April 1	April 2 BB 5.4	April 3	April 4 BB 5.5, 5.6
11	April 7 BB 5.7	April 8	April 9 BB 5.8	April 10	April 11 Exam 2
12	April 14 BB 7.1	April 15	April 16 BB 7.2	April 17	April 18 BB 7.3 <i>Last day to withdraw</i>
13	April 21 BB 7.3, 7.4	April 22	April 23 BB 7.4	April 24	April 25 BB 7.4
14	April 28 BB 7.5	April 29	April 30 BB 7.5	May 1	May 2 BB 7.6
15	May 5 Catch-Up and Review	May 6	May 7 Catch-Up and Review	May 8	May 9 Review
16	May 12	May 13	May 14 Final Exam 7:30-9:30	May 15	May 16