

MAT 274: ELEMENTARY DIFFERENTIAL EQUATIONS  
Text: Elem. Diff. Eqns & BVP's (8th ed., Boyce & DiPrima)  
Instructor: S.M. Baer <http://math.la.asu.edu/~baer>  
SLN 11172

(Jan. 19, 2010)  
T Th 10:30 - 11:45; SS 304

Email: [baer@math.la.asu.edu](mailto:baer@math.la.asu.edu)

| Week, dates    | Tuesday                | Thursday |
|----------------|------------------------|----------|
| 1. Jan. 19, 21 | Intro., 1.3            | 2.1, 2.2 |
| 2. Jan. 26, 28 | (HW 1 Due) 2.3         | 2.3, 2.4 |
| 3. Feb. 2, 4   | (HW 2 Due) 2.5         | 3.1, 3.2 |
| 4. Feb. 9, 11  | (HW 3 Due) 3.3, review | Exam 1   |
| 5. Feb. 16, 18 | 3.4                    | 3.4, 3.5 |
| 6. Feb. 23, 25 | (HW 4 Due) 3.6         | 3.6, 3.7 |
| 7. Mar. 2, 4   | (HW 5 Due) 6.1         | 6.2, 6.3 |
| 8. Mar. 9,11   | (HW 6 Due) review      | Exam 2   |

#### SPRING BREAK

|                     |                     |          |
|---------------------|---------------------|----------|
| 9. Mar. 23, 25      | 6.4                 | 6.4, 6.5 |
| 10. Mar. 30, Apr. 1 | (HW 7 Due) 6.6      | 7.1, 7.2 |
| 11. Apr. 6, 8       | (HW 8 Due) review   | Exam 3   |
| 12. Apr. 13, 15     | 7.3                 | 7.3, 7.4 |
| 13. Apr. 20, 22     | (HW 9 Due) 7.4, 7.5 | 7.6, 7.8 |
| 14. Apr. 27, 29     | (HW 10 Due) review  | Exam 4   |
| 15. May 4           | review              |          |

FINAL: Tuesday May 11, 9:50-11:40 am

Your course grade is determined from the best 3 out of 4 exams, your best 8 homeworks (equivalent in weight to 1 exam), and the Final (equivalent to 2 exams).

NOTE: This syllabus is subject to change. It is your responsibility to be aware of any changes to the syllabus or homeworks that are announced in class. A missed exam can be made up only in the case of a documentable emergency, or because of a conflict with a university-sanctioned activity. In the latter case you must notify me well in advance, and provide me with a copy of your travel schedule and the name and phone number of the appropriate university sponsor.

Office Hours: 12:55-1:45 M & W, or by Appointment.

Engineering Tutor Center (ECF 100) –Hours: 9-5 Mon.-Thurs.; 9-3 Fri.