

SYLLABUS FOR MATH 142, SECTIONS 001-2, CALCULUS II

Instructor. Daniel Dix

Office Hours. MWF 10:00-11:00 am. All students are encouraged to see me before or after class, or call my office, to set up appointments which fit our individual schedules.

Office and Office Phone. LeConte 400E, 777-4320. My e-mail is dix@math.sc.edu.

Course Web Page. <http://www.math.sc.edu/~dix/teach/142.f08.html>

Teaching Assistant for Lab. Pamela Welsh, WELCHPE@mailbox.sc.edu.

Lecture Time and Room. TTh at 9:30–10:45 in LC 113. The Labs are MF with times which depend on the section: (001, 8:00-8:50am), (002, 9:05-9:55am).

Prerequisites. C or better in Math 141 or placement in Math 142.

Text. *Calculus, Early Transcendentals* by Anton, Bivens, Davis, Eighth edition.

Material to be covered, Learning Outcomes. Chapters 7-10 of the text. Students will master concepts and solve problems based upon methods of integration, sequences and series, and approximations.

Homework. Homework problems will be assigned at each class meeting, two of which will be singled out to be collected on the next class after they were assigned, graded and returned to the student. No late homework will be accepted. From every section from which problems are assigned, the ‘Quick Check Exercises’ are always assigned.

Quizzes. There will be regular quizzes, usually once per week. These will also be graded and returned.

Exams. There will be three one hour exams given in class during the usual class time. These will be on the following dates:

- (1) Tuesday, Sept. 16. (The last day you can withdraw without receiving a WF is Thursday, Oct. 2.)
- (2) Tuesday, Oct. 14.
- (3) Tuesday, Nov. 18.

These will consist of problems similar to homework problems.

Policy on Missed Exams or Quizzes. No makeup quizzes will be given. Instead, the lowest 3 quiz grades will be dropped. No makeup exams will be given unless the student contacts me **prior** to the scheduled exam time and provides proof of a medical or other emergency.

Final Exam. This two hour comprehensive exam will be given on Monday, Dec. 12, at 2 pm in the classroom. This exam will give equal stress to all the sections of the text covered during the course. In particular, it will include the material covered after the last one-hour exam.

Grading System. Your final score (out of 100 total points) for the course will be computed as follows:

- (1) Lab grade will count 15 points.
- (2) Homework average will count 10 points.
- (3) Quiz average (lowest 3 quiz grades will be dropped) will count 10 points.
- (4) Average of the 3 one-hour exam scores will count 45 points.
- (5) Final exam will count 20 points.

There will be no “curve”. From this 100 point figure your grade will be determined by the scale:

- A 90–100.
- B 80–89.
- C 65–79.
- D 50–65.
- F 0–49.