

## Calculus III

(MATH 223, sec. 001 — Spring 2012 — MW 12:00–12:50 and TR 12:30–1:45 pm — BH 442)

**Instructor:** Dr. Rick Mabry

**Office:**

BH 416; 797-5352;

MW 9:45-11:00am and 4:00-5:00pm; TR 10:45am-12:30pm; F 1:00–2:00pm.

Other hours can occasionally be arranged by appointment. Note my class hours below, all in BH 442.

**MW:** 12:00–12:50 (Calc. III), 5:00–6:15 (Numb. Thy.)

**TR:** 9:30–10:45 (Trig), 12:30–1:45 (Calc III)

**F:** 2:00—??? (Friday Seminar)

**Email, Web page:** rmabry AT lsus DOT edu, [www.lsus.edu/sc/math/rmabry](http://www.lsus.edu/sc/math/rmabry)

**Text:** Calculus, Early Transcendentals [Multi-Variable], 7<sup>th</sup> ed., by Stewart

**Outline:** The main topics in the course will come from chapters 12–15. Further topics will probably come from Chapters 10 or 16, time permitting. Other topics chosen by the instructor will also be discussed and the instructor reserves the right to make modifications to this outline.

**Grades:** There will be a three tests and a comprehensive final exam (see **Calendar**, on this syllabus, for dates). The lowest of the three test scores will be replaced with the grade on the final exam, if the grade on the final exam is higher, then the four scores will be averaged to compute the total exam score. Any test missed without a valid and verifiable excuse will be assigned a score of zero, and the previous scenario applies.

The final grades will be assigned as follows:

$$F < 50 \leq D < 60 \leq C < 75 \leq B < 90 \leq A.$$

**Homework:** Homework *exercises* will be assigned but only rarely (if ever) collected. Usually the assignment goes without saying: *Work the problems in the text corresponding to the topics discussed in class.* Material stressed in class is usually a good indicator of its likelihood of appearing on a test. When/if more substantial (harder) homework assignments are occasionally called for and collected, the grades from these will be used to supplement the exam scores, so no separate homework score will be used.

**Math Help Lab:** Take advantage of free tutoring and computing power in the Math Help Lab, BH 404 (hours TBA — check the door to the lab after the first week of classes).

|                  |       |          |                   |                                      |
|------------------|-------|----------|-------------------|--------------------------------------|
|                  | Tue.  | Jan. 17  |                   | First class. Howdy.                  |
|                  | Fri.  | Feb. 3   |                   | Last day to drop without W           |
|                  | Thu.  | Feb. 9   | <i>Test #1</i>    |                                      |
|                  | Mon.– | Feb. 20– |                   | Mardi Gras – (no                     |
|                  | –Tue. | –Feb. 21 |                   | –Holiday classes)                    |
|                  | Fri.  | Mar. 2   |                   | Last day to change to Audit          |
| <b>Calendar:</b> | Thu.  | Mar. 8   | <i>Test #2</i>    |                                      |
|                  | Fri.  | Mar. 30  |                   | Last day to withdraw with W          |
|                  | Mon.– | Apr. 2–  |                   | Spring– (no                          |
|                  | –Sat. | –Apr. 7  |                   | –Break classes)                      |
|                  | Thu.  | Apr. 12  | <i>Test #3</i>    |                                      |
|                  | Thu.  | May 3    |                   | Last class. It's been real (valued). |
|                  | Wed.  | May 9    | <i>FINAL EXAM</i> | @ 10:30 am                           |

Final exam schedule:

[www.lsus.edu/offices-and-services/records-and-registration/final-exam-schedule](http://www.lsus.edu/offices-and-services/records-and-registration/final-exam-schedule)

**Email and Moodle:** You can use the online Moodle system to check your test grades, send and receive class messages, etc. I send announcements via Moodle and post grades on the Moodle pages. *You should check your official LSUS email daily* (or even dailier) to be sure you don't miss important messages from me and others at LSUS: [www.lsus.edu/student-email](http://www.lsus.edu/student-email)

I often post items of interest here: [www.lsus.edu/sc/math/rmabry/math223](http://www.lsus.edu/sc/math/rmabry/math223).

**Disability Services:** LSUS will make reasonable accommodations for persons with documented disabilities. Students must notify the Coordinator of Services for Students with Disabilities located in the Student Development & Counseling Center (Administration Building, Room 227, 797-5365) and the instructor of any special needs.

**Code of Student Conduct:** Academic dishonesty will not be tolerated. Students should familiarize themselves with the code of student conduct found in the Student Handbook. Some possible sanctions for violating the code may include:

- loss of credit for the work involved
- grade of F in the course
- separation from the university for one or more semesters
- expulsion from the university

The Student Handbook is online here:

[www.lsus.edu/offices-and-services/policies-and-manuals/student-handbook/student-rights-and-responsibilities/student-conduct-code](http://www.lsus.edu/offices-and-services/policies-and-manuals/student-handbook/student-rights-and-responsibilities/student-conduct-code)