

MATH 2163, Section 62194 - Calculus III - Fall 2018

INSTRUCTOR: Dr. Roger Zierau

LECTURES: MWF 8:30-9:20 in HSCI 029

OFFICE HOURS: Mondays 10:30-11:20 and 2:00-3:00 and Wednesdays 10:30-11:20 at the MLSC, and by appointment

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TEXT: *Calculus, Early Transcendentals, third edition*, by Jon Rogawski and Colin Adams is the required textbook. Students are expected to carefully read and study each section that is covered in class.

COURSE CONTENT: Calculus III is, roughly speaking, the study of calculus of functions of more than one variable. Most of Chapters 12-16 and Section 17.1 of the textbook will be covered.

HOMEWORK: Homework is an extremely important part of the course and provides the practice necessary to learn the material. Homework will be completed using the on-line system WebAssign. Most students have used WebAssign in Calculus I and/or II, and are familiar with how it works. If there are questions please speak to the instructor right away. WebAssign homework will begin by logging onto <https://www.webassign.net>. Students should self-enroll for WebAssign right away. Two pieces of information will be needed.

- (1) Class key: okstate 3607 8011.
- (2) An access code, which comes with your book or can be purchased separately. Note: it is likely that if you purchased the access code at the time you purchased your book, then the code will work for all of your calculus courses. The access code is not needed for the first two weeks of the course.

Typically homework will be due twice a week and will cover a section or two of the textbook. Students are expected to do the following for each assignment: (1) Go to the WebAssign webpage, login and print the homework assignment several days before each due date. (2) Work out all problems on paper and check all calculations and answers. (3) Return to the WebAssign webpage and enter the final answers. When the 'submit' button is hit, WebAssign will immediately grade the assignment and record the score. There will usually be a chance to redo a problem that is not done correctly the first time. The exact due date for each assignment will be posted on WebAssign, but typically assignments will be due on Tuesdays and Thursdays. Homework assignments are to be completed by 11:00pm on the due date. There will be a few exceptions to this; for example, in the week of an exam or a week with a vacation day the homework may be due earlier in the week.

QUIZZES: On many Fridays there will be a quiz. This quiz will be on recent material; careful completion of the week's WebAssign homework will serve as good preparation.

GRADES: There will be three in-class hour exams (100 points each). There will be a final exam (100 points). The hour exams will take place during the weeks of Sept. 19, Oct. 17 and Nov. 19. The final exam will be on Monday, Dec. 10, 8:00-9:50am. The homework

score will be scaled to 50 points and the quiz score will be scaled to 50 points. This makes a total of 500 possible points. Letter grades will be assigned as follows:

- at least 450 points: guaranteed A
- 400-449 points: at least a B
- 325-399 points: at least a C
- 300-324 points: at least a D
- 0-299 points: probable F.

Some discretion may be used in assigning grades in borderline cases.

ATTENDANCE: Attendance is required.

MISSED WORK: Students shall be offered reasonable accommodation in the event that he or she misses an exam or is unable to turn in a homework assignment on time for a valid and documented reason. Valid reasons include official University activities, activities associated with military service, illness and family emergencies. Appropriate documentation shall be provided by the student in a timely fashion, preferably in advance, to support his or her request for accommodation.

D2L: This syllabus and some other information will be posted on D2L. Students should be sure to set their email on D2L to an address that they regularly use; certain announcements and reminders will be emailed to students using this address. Assignments will appear on WebAssign (not on D2L).

OTHER:

- It is important to realize that the homework/quiz score is a substantial portion of the total score for the semester.
- Calculators will be helpful occasionally during the semester to complete homework problems. Sophisticated calculators (including graphing calculators) are not of much use. Calculators are not permitted on exams.
- Tutoring is available at the MLSC. The MLSC hours Sunday 1:00-9:00pm, Monday-Thursday 9:00am-9:00pm, Friday 9:00am-5:00pm. The MLSC is located on the 5th floor of the Edmon Low Library. For more information and announcements see <https://www.math.okstate.edu/mlsc>.
- For important dates and general information see the University Syllabus Attachment, posted on D2L.

ACADEMIC DISHONESTY: The University Syllabus Attachment addresses generalities on academic dishonesty. The policy for homework in this class is that students may ask questions and discuss course material and homework problems with other calculus students, with tutors and with the instructor. However, students must work out each problem on their own and submit their own solutions. It is counterproductive to use the internet to do problems (or parts of problems) and this is considered a violation of academic honesty policy.