M311 SYLLABUS Section 5530 Fall 2019 SE010

Instructor: Peter Sternberg
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Office Hours: Tuesday 3-4, Wednesday 2:30-3:30 and Thursday 4-5. There is no need to make an appointment for these hours. Extra office hours will be announced prior to Exams 1 and 2. Please email me if you need to make an appointment outside of these hours. Your AI will typically hold office hours on Tuesdays in SE010 from 1:25-2:15.
Text: Multivariable Calculus, 8th edition by James Stewart.
Topics Covered: We will cover most of chapters 12-15 of Stewart’s book. This includes an introduction to vectors and geometry of three-dimensional space, as well as differentiation and integration of functions of more than one variable.
Homework: Assignments will be made on a weekly basis and will usually be due each Friday at the beginning of class. Announcements will be made in class and on my webpage when there is a week where homework is due on another day. Late homework will not in general be accepted. One homework will be dropped in determining the final grading for the semester. It is fine to discuss homework with other students but not to simply copy other’s work. Homework must be written in your own words. Assignments can be found on my webpage. See below for the address.
Webpage: http://mypage.iu.edu/~sternber/ See this page for weekly homework assignments and other class information. In particular, see the link to M311 Course Announcements for changes and special announcements.
Quizzes: Quizzes will be given in class on most Fridays. Announcements will be made each week regarding whether or not there
will be a quiz that Friday. There will be no quiz during Week 1. Your lowest quiz score will be dropped.

**Recitations:** These will typically occur on Thursdays in SE010 and involve review problems over material from the previous week. Your AI for recitations is Myungsin Cho.

**Exams:** There will be two exams given during the semester:
Tentatively **Exam 1 is scheduled for October 2.**
Tentatively **Exam 2 is scheduled for November 8.**
However, please note: these dates may change so pay attention to announcements in class and on my webpage.

**Final Exam:** The final exam is on **Friday, December 20 from 5:00-7:00 pm.**

**Grading Policy:** The course grade will be based on a total of 550 possible points divided as follows:
HOMEWORK: 100 points, QUIZZES: 100 points,
EACH EXAM: 100 points, FINAL EXAM: 150 points

**Tentative Schedule:**
Week 2 (Sep. 4-6): 12.3, 12.4
Week 3 (Sep. 9-13): 12.5, 12.6
Week 4 (Sep. 16-20): 12.6, 13.1, 13.2
Week 5 (Sep. 23-27): 13.2, 13.3, 13.4
Week 6 (Sep. 30-Oct. 4): Review, Exam 1, 14.1
Week 7 (Oct. 7-11): 14.1, 14.2, 14.3
Week 8 (Oct. 14-17): 14.3, 14.4
(Note: No class on Oct. 18 due to Fall Break)
Week 9 (Oct. 21-25): 14.5, 14.6
Week 10 (Oct. 28-Nov. 1): 14.6, 14.7, 14.8
Week 11 (Nov. 4-8): 14.8, Review, Exam 2
Week 12 (Nov. 11-15): 15.1, 15.2
Week 13 (Nov. 18-22): 15.3, 15.6,

**Thanksgiving Break**
Week 14 (Dec. 2-6): 15.7, 15.8
Week 15 (Dec. 9-13): 15.8, Review
Final Exam: **Friday, December 20, 5-7pm.**