Calculus III, MAC 2313

Spring 2018

Instructor: Xiaosheng Li

Lecture Time and Location: TuTh 2:00pm – 3:40pm ZEB 120

Office Hour: TuTh 12:45pm – 1:45pm or by appointment

Office: DM 419C

Email: xli@fiu.edu

Textbook:

Calculus, Early Transcendentals by Anton, Bivens and Davis, 10th Edition

Course Objective: The course deals with the differential and integral calculus of real multivariable functions.

Course Plan:

Chapter 11: Section 1, 2, 3, 4, 5, 6, 7, 8
Chapter 12: Section 1, 2, 3, 4, 5, 6
Chapter 13: Section 1, 2, 3, 4, 5, 6, 7, 8
Chapter 14: Section 1, 2, 3, 4, 5, 6, 7, 8
Chapter 15: Section 1, 2, 3, 4, 5, 7, 8

Prerequisite:

Grade C or better in MAC2312 (Calculus II)

Exam Schedule:

Midterm I :	February 1 (Thursday),	2:00pm – 3:40pm,	ZEB 120
Midterm II :	March 1 (Thursday),	2:00pm – 3:40pm,	ZEB 120
Midterm III :	April 5 (Thursday),	2:00pm – 3:40pm,	ZEB 120
Final :	April 26 (Thursday),	12:00pm – 2:00pm,	ZEB 120

(Final exam is **Cumulative**.)

Grading Policy:

Midterm I :   20%
Midterm II :   20%
Midterm III : 20%
Final :   40%

Letter grades will be assigned approximately as follows (Total=100):

A	A-	B+	B	B-	C+	C	D	F
$>= 90$	$>= 85$	$>= 80$	$>= 75$	$>= 70$	$>= 65$	$>= 60$	$>= 45$	< 45

Important:
- No make ups are permitted. Please consult your calendar to be sure that you can take all exams.
- All exams are closed books. You will not be permitted to use calculators and formula sheets during exams.
- Picture I. D. with signature is required and must be presented upon request for all exams.
- The homework will not be collected for grading. But a good way to prepare for the exams is to do the assigned problems.
- Deadline to drop a course with a DR grade: March 19 (Monday).

Helpful Information:
- The math website lists various available help for students. Please visit
  http://mathstat.fiu.edu/useful-information/
  then click "Math Help for Students" in the left column.

- Student Solutions Manual: Under "Math Help for Students" in the left column, click "Multivariable Calculus". You will find the link for the solutions manual for the 10th edition. Or you can go to the website directly
  http://mathstat.fiu.edu/useful-information/math-resources/calculus-ii/
  solutions_manual_10th/
  I will give the password in class.

Early Alert:
In an effort to help you succeed in your academic courses, FIU utilizes an Early Alert system. Instructors are now able to notify students academic advisors if there are concerns about class performance. If an alert is submitted, your academic advisor will send you a message via your Student Dashboard (accessed via your MYFIU page) to discuss ways to improve your performance. Please respond to any communication you receive from your academic advisor about an early alert. Our goal with this program is to help you to be successful by identifying any issues as early on as possible and working to address them.

The instructor reserves the right to make changes to this syllabus. These eventual changes, if any, would be announced in class and you are responsible to be aware of them.