

# Calculus I, MAC 2311

Fall 2017

(updated 9/29/2017)

**Instructor:** Xiaosheng Li

**Lecture Time and Location:**

MW 12:00pm – 12:50pm CBC 142      F 12:00pm – 1:50pm PC 432

**Office Hour:** MW 1:50pm – 2:50pm or by appointment

**Office:** DM 419C

**Email:** xli@fiu.edu

**Textbook:**

*Calculus, Early Transcendentals* by Anton, Bivens and Davis, 11th Edition

**Course Objective:** The course deals with the theory, calculation, and application of limits, continuity, derivatives and integration.

**Course Plan:**

Chapter 1: Section 1, 2, 3, 4, 5, 6, 7, 8

Chapter 2: Section 1, 2, 3, 4, 5, 6

Chapter 3: Section 1, 2, 3, 4, 5, 6

Chapter 4: Section 1, 2, 3, 4, 5, 8

Chapter 5: Section 2, 3

Chapter 10: Section 1

**Prerequisite:**

C or better in MAC 1140 AND C or better in MAC 1114, or C or better in MAC 1147

**Exam Schedule:**

Midterm I : September 29 (Friday), 12:00pm – 1:40pm, PC 432

Midterm II : October 20 (Friday), 12:00pm – 1:40pm, PC 432

Midterm III : November 17 (Friday), 12:00pm – 1:40pm, PC 432

Final : December 13 (Wednesday), 12:00pm – 2:00pm, GL 100B

(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
$\geq 90$	$\geq 85$	$\geq 80$	$\geq 75$	$\geq 70$	$\geq 65$	$\geq 60$	$\geq 45$	$< 45$

**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: November 6 (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 “Calculus I&II”. You will find the link for the solutions manual for the 11th edition. Or you can go to the website directly <http://mathstat.fiu.edu/useful-information/math-resources/calculus-ii/complete-solutions-manual-11th-edition/>  
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.*