

Calculus I (MAC2311 – U12 Fall 2017) Syllabus

Class Time and Room:

- Monday and Wednesday 1:00-1:50pm, Charles E. Perry (PC) 214
- Friday 1:00-2:50pm, Charles E. Perry (PC) 211

Textbook: Calculus, Early transcendentals, by Anton, Bivens and Davis, 11th edition

Instructor: Yanqiu Guo **Email:** yanguo@fiu.edu **Office:** DM 415A

Office Hours:

- Monday 2:00-2:45pm
- Wednesday 2:00-3:45pm
- Friday 3:00-3:45pm

Course webpage: <http://faculty.fiu.edu/~yanguo/2311.htm>

Pre-requisite: MAC 1147 with a grade of C or better, or, both MAC 1114 and MAC 1140 with grades of C or better, or, for students who have not previously taken a college math class, a score of 75 or better on the ALEKS Exam.

Topics to be covered:

- Chapter 1: Limits and continuity - 1.1-1.6
- Chapter 2: The derivative - 2.1-2.6
- Chapter 3: Topic in differentiation - 3.1-3.6
- Chapter 4: The derivative in graphing and applications - 4.1-4.5, 4.8
- Chapter 5: Integration - 5.2, 5.3
- Chapter 10: Parametric curves - 10.1

Exams: Three 110min in-class midterm exams, and a 120min comprehensive final exam will be given.

- Exam 1: September 29, Friday, 1:00-2:50pm, Charles E. Perry (PC) 211
- Exam 2: October 27, Friday, 1:00-2:50pm, Charles E. Perry (PC) 211
- Exam 3: December 1, Friday, 1:00-2:50pm, Charles E. Perry (PC) 211
- Final Exam: December 11, Monday, 12:00-2:00pm, Charles E. Perry (PC) 214

Calculators: The use of calculators is NOT permitted in exams.

Homework: Homework assignment will be posted on the course webpage

<http://faculty.fiu.edu/~yanguo/2311.htm>

Homework problems are selected from the textbook and their solutions can be found on the math department webpage (password: calculus): <https://mathstat.fiu.edu/useful-information/math-resources/calculus-ii/complete-solutions-manual-11th-edition/>

Please work on homework carefully since the problems on exams will be similar to the homework assignment. Homework will NOT be collected.

Evaluation: Your course grade is based on:

Exam 1	24%
Exam 2	24%
Exam 3	24%
Final Exam	28%
Total	100%

Grade-scale: Course letter grades will be assigned as follows:

A 90-100, **A-** 87-89, **B+** 84-86, **B** 80-83, **B-** 77-79, **C+** 74-76, **C** 70-73, **D** 60-69, **F** 0-59.

Important Dates:

- August 28, Monday, Last day to add courses; last day to drop courses or withdraw from the University without incurring financial liability for Tuition and Fees
- September 4, Monday, Labor Day Holiday (University Closed)
- October 30, Monday, Deadline to drop a course with a DR grade
- November 10, Friday, Veterans Day Holiday (University Closed)
- November 23 & 24, Thursday and Friday, Thanksgiving Holiday (University Closed)

Main Rules:

- Any cell phones must be turned off during class.
- If you miss a class, get notes from a classmate.
- If you must miss an exam, see me beforehand, and document your excuse, for fair treatment.
- I will try to identify any cheating that may occur in the course. To avoid unfounded suspicion, please show all your work, turn in any scratch paper you use in exams, and avoid sitting next to your study partners during exams.

Academic Misconduct includes (but is not limited to) giving or receiving assistance on a test or quiz for which such assistance is not permitted, falsifying a document to obtain an excusal from a test, and using unauthorized notes on a test or quiz. Penalties for Academic Misconduct range from an F in the course to expulsion from the university.

The instructor plans to participate in the FIU Early Alert system.