

CALCULUS I SYLLABUS

MICHAEL BUTROS

FALL 2014

COURSE INFORMATION

Section Number: 49818

Course Number and Title: Math 226 - Calculus I

Lecture Days and Times: Monday - Wednesday 5:30 - 8:05 PM

INSTRUCTOR INFORMATION

Name: Michael Butros

Office: Science Building - Room 45

Office Hours:

Monday and Wednesday 8:30 - 9:30 AM

Monday and Wednesday 4:10 - 5:10 PM

Tuesday 9:30 - 11:00

Phone: 760.245.4271 Ext. 2506

E-mail: BUTROS@ME.COM

Instructor's Page: <https://www.butros.info>

Moodle's Page: <https://www.butros.info/Moodle>

IMPORTANT DATES:

Semester Begins: August 25, 2014

Labor Day Holiday: September 1, 2014

Veteran's Day Holiday: November 10, 2014

Thanksgiving Holiday: November 27 - 30, 2014

Semester End: December 13, 2014

GENERAL CLASS INFORMATION:

Textbook: Calculus by Stewart (optional).

There is an online component to this class through the Moodle course management system.

Course Description: This class offers an introduction to the calculus of single variables. Topics covered include limits, using limits of functions to determine continuity, finding derivatives and integrals of functions, basic properties of derivatives and integrals, the relationship between derivatives and integrals as given by the Fundamental Theorem of Calculus, and applications. Prerequisites: Both Math 104 and Math 105 (or Math H105) with a grade of "B" in both, OR Math 116 with a grade of "C" or better. CSU, UC.

Student Learning Outcomes:

Upon completion of the course the student can:

- Calculate basic limits
- Calculate basic derivatives
- Calculate basic integrals
- Apply the derivative and integral to elementary applications

Course Content:

The following topics will be covered in lecture

- Functions
- Limits
- Derivatives
- Applications of Differentiation
- Integrals
- Applications of Integration

Attendance Policy: Regular attendance to lecture is strongly recommended.

Grading Policy:

The grading for this class will consist of the following components:

Component	Percentage of Final Grade
Moodle	10 %
Worksheets	10 %
Quizzes	10 %
Exams	60 %
Final	10 %

The final grade will be earned according to the following scale:

Total Percentage	Final Grade Earned
90 - 100 %	A
80 - 89 %	B
70 - 79 %	C
60 - 69 %	D
0 - 59 %	F

IMPORTANT NOTE: Students with disabilities, whether physical, learning, or psychological, who believe that they may need accommodations in this class, are encouraged to contact Disabled Student Program & Services as soon as possible to ensure that such accommodations are implemented in a timely fashion.

Authorization from DSPS is required before any accommodations can be made.

CLASS CONDUCT POLICIES:

- Anyone caught cheating will receive a grade of “F” for the course, in addition, I will pursue the strongest disciplinary action available at the college.
- Only those registered for the class are allowed in the classroom during lectures and labs
- It is expected that the sound features on all cell phones will be turned off before class or lab begins. If you have to answer a call or a text message, then you should leave the classroom and return when your call or message is done.
- You are encouraged to work in groups on homework and practice problems, but each student should turn in their own work.
- All assignments and exams are to be completed on the assigned due dates. There will be no make up homework assignments, quizzes, or exams. It is your responsibility to inform the instructor if you are going to be absent on a day when an assignment or exam is due.
- You are encouraged to ask questions.
- FOOD AND DRINKS ARE NOT ALLOWED DURING LAB SESSIONS.