

# MAC2312 CALCULUS II

Course Syllabus  
Fall Session, 2012

**Instructor:** Cathy Ferrer

**Office:** Building 1, Room 220

**Phone:** 407-582-2757

**Office hours:** East Campus 1-220: TR 8:15am – 10:15am and T 12:50pm – 1:50pm  
Online via email: WU 6:00pm – 8:00pm and F 8:00am – 9:00am

**E-mail:** cferrer@valenciacollege.edu

**Facebook:** Valencia Cathy: <https://www.facebook.com/valencia.cathy>



This syllabus is a contract between the student and the instructor. By attending this course, the student agrees to and accepts the terms and conditions of this contract. It is the responsibility of the student to carefully read this syllabus/contract, and to adhere to all policies and procedures within.

## Catalog Description:

**Prerequisite:** Minimum grade of C in MAC2311. Topics include differentiation and integration of exponential, logarithmic, transcendental functions, techniques of integration, indeterminate forms, conic sections, and infinite series. Gordon Rule Course. Minimum grade of C required if MAC2312 is used to satisfy Gordon rule and general education requirements.

## Valencia Student Core Competencies:

Valencia faculty have defined four interrelating competencies (**Think, Value, Communicate, Act**) that prepare students to succeed in the world community. These competencies are outlined in the College Catalog. In this course, through classroom lecture and discussion, group work, and other learning activities, you will further your mastery of those core competencies. Additional information is available in the College Catalog.

## Required materials:

**Text:** *Calculus*, James Stewart, seventh edition

**Calculator:** TI-89 graphing calculator

## Optional materials:

Student solutions manual

## Class Policies

### Preparation:

Please be prepared for each class meeting by completing any homework from previous sections and reading the upcoming section in the textbook.

### Attendance:

Class attendance is required beginning with the first class meeting. If you do not attend the first class meeting, you may be withdrawn from the class as a "no show".

Attendance is required and attendance will be taken every day at the beginning of class. If the student is not present at that time, he/she will be marked absent. Being late to class or leaving early is a disruption to the class and is discourteous to the professor and the other students. You should be on time to each class, complete all assignments and remain in class for the entire time unless prior permission has been given by the instructor to leave early. Students are responsible for all class materials and any announcements made in class whether or not they are present. Regular attendance and class participation are significant factors that promote success in this course. There will be no "excused" absences.

### College Withdrawal Policy:

Students may only withdraw themselves up until the withdrawal deadline (November 2, 2012) for a grade of W. After that, instructors may only withdraw a student for excessive absences, therefore; students who do not withdraw themselves prior to the withdrawal deadline will be assigned whatever grade was earned for the course as their final grade.

## Evaluation

Your grade for this course will be determined by grades on:

Quizzes	10 * 10 =	100
Tests	4 * 100 =	400
Comprehensive final exam	1 * 100 =	100
<b>Total:</b>		<b>600 points</b>

### Quizzes:

Unannounced quizzes will be given periodically during the semester. Some of the quizzes may be in class and others may be take home. Any take home assignments are due by the next class period and within the first 10 minutes of class. Late assignments will not be accepted. Each quiz will be worth 10 points and the best 10 scores will count towards 100 points of your final score at the end of the class.

### Tests:

There will be four unit tests. Tests will be taken in class. I do not allow make up tests, so be sure to be present for all scheduled tests. If you know ahead of time that you will miss the day of the test, contact me to schedule a time (before the regular time) to take the test. Your lowest test grade will be replaced by your final exam grade, if it is higher, unless the lowest score is a zero assigned for cheating in which case it will not be replaced by the final exam grade.

### Tentative Test Dates

Chapter 6 Test: September 13, 2012

Chapter 7/8 Test: October 9, 2012

Chapter 10 Test: October 30, 2012

Chapter 11 Test: November 29, 2012

### Final Exam :

A comprehensive final will be given in class. The final will be worth 100 points. Not taking the final exam will result in a grade of F for the course. Emergency situations must be communicated to the instructor before the final exam time. The final exam is scheduled in class on Tuesday, December 11, 2012, 10:00am – 12:30pm.

### Grades:

Your grade will be based on the following:

540 - 600 points = A;	480 - 539 points = B;	420 - 479 points = C;
360 - 419 points = D;	0 - 359 points = F	

### Homework:

There will be suggested homework. The key for success in this course is to do the homework. Depending on your understanding of the material, you may wish to do more than or fewer than the suggested number of problems.

### Academic Dishonesty:

All forms of academic dishonesty are prohibited at Valencia. Academic dishonesty includes, but is not limited to, plagiarism, cheating, furnishing false information, forgery, alteration or misuse of documents, misconduct during a testing situation, and misuse of identification with intent to defraud or deceive. Sanctions available to the professor should a violation occur are described in the Valencia Student Handbook.

### Disclaimer:

This syllabus is subject to changes upon the instructor's discretion.

### Tutoring:

1. Visit me, post on Facebook, or email me.
2. Walk-by tutoring is given to students in building 4 - first floor. The lab has limited tutoring hours.

### Students with Disabilities:

Students with disabilities who qualify for academic accommodations must provide a notification from the Office for Students with Disabilities (OSD) and discuss specific needs with the instructor, preferably during the first two weeks of class. The Office for Students with Disabilities determines accommodations based on appropriate documentation of disabilities.

### Tentative Fall Schedule:

August	28:	6.2, 6.3
	30:	6.4
September	4:	6.5
	6:	6.6, 6.7
	11:	6.8
	13:	Chapter 6 Test
	18:	7.1, 7.2
	20:	7.3
October	25:	7.4
	27:	7.8
	2:	8.1, 8.2
	4:	8.3
	9:	Chapter 7/8 Test
	16:	10.1, 10.2
	18:	10.3
	23:	10.4
	25:	10.5
	30:	Chapter 10 Test
November	1:	11.1, 11.2
	6:	11.3, 11.4
	8:	11.5, 11.6
	13:	11.8
	15:	11.9
	20:	11.10
	27:	11.10
December	29:	Chapter 11 Test
	4:	9.3
	6:	Review
	11:	Final Exam

### Classroom Behavior:

Valencia College is dedicated to promoting honorable personal and social conduct. By enrolling at Valencia, a student assumes the responsibility for knowing and abiding by the rules articulated in the Student Code of Conduct. The instructor reserves the right to refer students who engage in activities that are disruptive to the learning environment to the Dean of Students for disciplinary action.

The following list, though not exhaustive, includes things that are disruptive to the learning environment:

Use of any electronic devices including but not restricted to: **cell phones**, iPods, and laptop computers (documentation from OSD will be taken into consideration)

Preparing homework for other courses during class.

Engaging in private conversations with classmates while class is in session.

Excessive tardiness.

Leaving and re-entering the classroom while the class is in session.