

CALCULUS with ANALYTIC GEOMETRY I
MAC 2311
Course Syllabus
Fall 2014

Instructor: Debbie Garrison

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Office Hours: Mon/Wed/Fri 7:45 – 8:15 AM
Mon/Tues/Wed/Thurs 11:30 AM – 1:00 PM
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Other times are available by appointment

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Course: MAC 2311 Calculus with Analytic Geometry I

Catalog Description:

Credit Hours: 5

Prerequisite: Minimum grade of C in MAC1140 and MAC 1114 or MAC 1147 or MAC 1142 or MAC 1132 or MAC 1104 and MAC 1114. Topics include limits and continuity, derivatives of algebraic and trigonometric forms, applications of derivatives, definite and indefinite integrals. Gordon Rule course. Minimum grade of C required if MAC 2311 is used to satisfy Gordon Rule and general education requirements.

Required materials:

1. *Calculus*, James Stewart, 7e
2. TI-89/TI-92 graphing calculator or another calculator with a CAS
3. Additional problems packet online at <http://frontdoor.valenciacollege.edu/?dgarrison>

Optional materials:

Student solutions manual

Competency of a Valencia Graduate:

Valencia faculty have defined four interrelated competencies (Value, Think, 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 develop your mastery of these core competencies.

Attendance:

Attendance is required at all class meetings except in case of an emergency. 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. Students with excessive absences are subject to withdrawal from the course.

Homework:

There will be suggested homework assigned for each section. The key for success in this course is to do the assigned homework before the next class. Depending on your understanding of the material, you may wish to do more than or fewer than the suggested number of problems. Homework will not be collected for a grade, but we will spend some time at the beginning of each class discussing the previous night's assignment.

Quizzes/Worksheets:

Quizzes will be given daily during the semester. Missed quizzes may not be made up. From time-to-time worksheets will be collected for a grade. The highest 90% of your quiz scores and worksheets will count as a test score in computing your final grade for the course.

Examinations:

There will be 4 tests and a comprehensive final. Each test will be worth 100 points. Test problems are similar to homework problems, examples in the book and/or examples worked in class. Not taking the final exam at the scheduled time will result in a grade of "F" for the course.

The comprehensive final exam is scheduled for Wednesday, December 10, 2014 from 7–9:30 AM for the M/W/F class (CRN 11007) and Tuesday, December 9, 2014 from 7–9:30 AM for the T/R class (CRN 10983)

Grades:

537 - 600 points = A;

477 - 536 points = B;

417 - 476 points = C;

357 - 416 points = D;

0 - 356 points = F

Make-ups:

NO make-up tests will be given. If you know ahead of time that you will not be able to take an exam at the scheduled time, arrangements may be made to take the exam early. In case of a missed exam, the final exam grade will replace the missed exam. If all exams are taken, the student's lowest test score may be replaced by their grade on the final.

Academic Honesty:

Cheating involves representing someone else's work as your own. This is unacceptable behavior. Such incidents will be handled according to the college's academic honesty policy. A zero given for an exam or quiz grade because of cheating may not be dropped or replaced by the grade on the final exam.

Withdrawal Policy:

The last day to withdraw from classes without a penalty is Friday, November 7, 2014. A grade of "W" will be issued to any student who withdraws on or before that date. Be Careful, receiving a grade of W may affect financial assistance, scholarships and your ability to enter limited access majors at a University after you leave Valencia. According to College Policy, I am unable to withdraw a student after the withdrawal deadline. If you remain in the class after the withdrawal deadline, you will receive a grade of A, B, C, D or F, depending on your class average on the last day of class.

Student with Disabilities

Students with disabilities who qualify for academic accommodations must provide a notification from the Office for Students with Disabilities and discuss specific needs with the instructor, preferably during the first week of class.

Expectations:

- The only way to succeed in this course is to do the assigned homework. It is best if the assignments are completed before the next class.
- Regular attendance is required. If you must be absent, it is your responsibility to find out what you missed by either contacting your instructor or another student.
- Please, ask questions if you do not understand something.

Classroom Etiquette:

- Please silence all cell phones and pagers before the beginning of class.
- Please be on time and plan to stay for the entire scheduled class time. Arriving late or leaving early is disruptive to others.
- Please, do not talk when I am talking, this makes it difficult for other students to concentrate.
- Please do not leave class to use the restroom unless it is an extreme emergency. We will take a 10 minute break near the middle of our class time, so you can use the facilities and stretch.
- No texting under any circumstances, phones should be put away.
- Headphones may not be worn during class time.

Important Dates

- No classes – Monday, September 1, 2014 – Labor Day Holiday
- Graduation Application deadline – Friday, September 19, 2014
- College Night – Thursday, October 9, 2014 – classes do not meet on East, West or Winter Park
- Withdrawal Deadline – Friday, November 7, 2014
- No classes – Wednesday, November 26, - Sunday, November 30, 2014 – Thanksgiving
- Friday, December 5, 2014 – Last Day of Class
- Monday, December 8 – Sunday, December 14, 2014 – Finals Week

Disclaimer:

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

Study Tips:

- After each class, go over your notes and read the text material. Write out any questions you have.
- Work on the assigned problems daily. Make note of any problems you cannot do and try them again the next day.
- Discuss the materials and homework problems with your classmates. Study groups will be very helpful.
- Studying is best done like eating, if you try to eat all your meals for the week on the weekend, you will get indigestion. If you try to do all your studying for the week on the weekend, you will get "calculus indigestion".
- Let your teacher know if you have any difficulties with the material.

Classmate's Contact information: