

University of Central Florida



CALCULUS AND ANALYTIC GEOMETRY II
MAC 2312
Section: C004
Monday-Friday 2:00-2:50 PM
Room: Map 109
4 Credits

INSTRUCTOR: Daniel Joseph (D.J.) Galiffa

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TEXT: Calculus 5e by James Stewart, 2003 Brooks/Cole

ATTENDANCE:

Attendance is MANDATORY and success in a course of this nature can often be dependent upon attending lectures. Any student that misses no fewer than 4 lectures throughout the entire course will be awarded three bonus points towards their final grade. Attendance will be taken daily.

HOMEWORK ASSIGNMENTS:

There will essentially be daily assignments and students will be expected to do ALL of the assigned problems efficiently and in a timely manner. Homework will not be collected or graded. However, there will be a variety of optional bonus problems throughout the course.

EXAMINATIONS:

There will be five examinations, one per chapter, covering the material on chapters 7, 8, 9, 11 and 12 and a comprehensive final exam. Students will also be assigned graded take-home projects.

GRADING:

5 Examinations: 70%

Projects: 10%

Comprehensive final: 20%

TOPICS:

Chapter 7 (Exponential, Logarithmic, and Inverse Trigonometric Functions)

Chapter 8 (Techniques of Integration)

Chapter 9 (Further Applications of Integration)

Chapter 11 (Parametric Equations and Polar Coordinates)

Chapter 12 (Infinite Sequence and Series)

DISCLAIMER:

At anytime in the course the aforementioned statements of the syllabus may be amended at the discretion of the instructor. If this is to happen students will be notified in a timely manner during a regularly scheduled class period only. It is the student's responsibility to ascertain this information in the case of an absence.