

Syllabus — Math 155 (Section 2949)

Calculus and Analytic Geometry II

Instructor: Daniel McAllaster

Fall 2015

1 Instructor/Class Information

Instructor	Daniel McAllaster
E-Mail	dmcallaster@miracosta.edu
Website	http://math155.ae6mb.net/
Class Location	SAN 305
Class Time	MW 5:30PM - 7:25PM
Final Exam	Tue., Dec. 15, 2015, 5:00PM–6:50PM

2 Course Material

Text: *Calculus of a Single Variable*, by Larson and Edwards, 2014, 10th edition.

Calculator: A scientific calculator is recommended, but not required. Calculators will not be permitted during exams.

3 Prerequisites

MATH 150 or MATH 150H.

4 Course Description

This second course in a three-semester calculus sequence covers advanced integration techniques, improper integrals, infinite series, conic sections, parametric equations, and polar coordinates. The course is designed for mathematics, science, and engineering majors.

5 Questions

Questions are an important part of the learning process. If you have a question, please feel free to ask it at any time. Whenever you have a question, there are probably several other students with the same question.

6 Exams

6.1 Chapter Exams

There will be four midterm exams. They will not be cumulative, though they may build on material that came before them. The date of each exam is listed later in this syllabus.

Your lowest exam score will be dropped. If you miss an exam, that one will count as a score of zero and be the exam that is dropped. There are NO makeup exams.

6.2 Final Exams

The final exam **will** be cumulative. In other words, you will be expected to know everything which was covered on previous exams, as well as everything which was covered in class.

7 Homework

In order to be successful in this course, **you must practice math problems**. Homework will be assigned in class and is to be completed by the next day of class. Homework will be

collected during the midterm exams. There may (at the instructor's option) be occasional pop quizzes containing problems taken directly from the homework. These quizzes will be during class will also be counted toward your homework score.

8 Attendance and Tardies

You are responsible for your registration in this class. If you intend to drop the class, you are responsible to drop yourself using SURF.

You must attend the first four class meetings or inform with me beforehand if you are going to be absent. Failure to do so will result in being immediately dropped from this class. You will NOT be able to re-enroll, as I will have already given your spot to another student.

Attendance does not affect your class grade, but it is required. More than four absences during the semester may result in being dropped. If you have a situation that is going to cause you to miss more than this, please discuss it with me prior to missing the class days.

WARNING: I do not guarantee that I will drop you, so if you intend to drop, PLEASE DROP YOURSELF USING SURF.

9 Disability Support Services (DSS)

DSS provides programs and services for students with disabilities. MiraCosta College recommends that students with disabilities discuss academic accommodations with their professors during the first two weeks of class. This syllabus and course handouts are available in alternate media upon request.

10 Tutoring

The Tutoring and Academic Support Center (TASC) is committed to enhancing student retention and success by providing assistance to students through innovative academic support services. TASC offers a comprehensive, free peer tutoring program for any student enrolled in credit courses at MiraCosta college. Tutoring is available in the Library and Information HUB on the 1st Floor.

11 Behavior

- **Any person caught cheating or plagiarizing will get an F** on the assignment or test in question and can potentially get a grade of F for the course and/or be referred to the college discipline process.
- To minimize disruptions to the class:
 - Please arrive to class early or on time.
 - If you know you need to leave class early, or if you arrive late, take a seat near the door.

- Please do not use your cell phone during class at any time. During class your cell phone should be silenced or turned off.

12 Grading

- Chapter Exams: 60%
- Homework: 15%
- Final: 25%

13 Tentative Spring 2014 Schedule

Note: The test dates are not likely to change; please make sure you will be able to be present on the dates listed for midterms and the final exam. The days on which sections are covered or order in which they are covered is almost certain to change.

Tuesday	Thursday
Aug. 25 Syllabus, §4.5	Aug. 27 §5.4, §8.1
Sep. 1 §8.2	Sep. 3 §8.3, §8.4
Sep. 8 §8.5	Sep. 10 §8.6, §8.7
Sep. 15 Review	Sep. 17 — MT1 —
Sep. 22 §8.8	Sep. 24 §9.1, §9.2
Sep. 29 §9.3, §9.4	Oct. 1 §9.5
Oct. 6 Review	Oct. 8 — MT2 —
Oct. 13 §9.6	Oct. 15 §9.7, §9.8
Oct. 20 §9.9	Oct. 22 §10.1
Oct. 27 Review	Oct. 29 — MT3 —
Nov. 3 §10.2, §10.3	Nov. 5 §10.4
Nov. 10 §7.1	Nov. 12 §7.2
Nov. 17 Review	Nov. 19 — MT4 —
Nov. 24 §10.5	Nov. 26 *** <i>NO CLASS</i> ***
Dec. 1 §10.6	Dec. 3 Review
Dec. 8 Review	Dec. 10 Review
Dec. 15 FINAL EXAM	