

MATH 132 03 Survey of Calculus – Syllabus

Mark Pedigo

1 Contact Information

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Course page: <http://math.slu.edu/Members/pedigom/2008/fall/MATH132-03>

2 Catalog Description

Introductory differential and integral calculus, optimization and rate problems, calculus of rational, exponential and logarithmic functions, partial derivatives and applications. Fall, Spring and Summer. Prerequisite: 3.5 years of high-school mathematics or a grade of “C-” or better in MATH 120.
3.000 Credit Hours 3.000 Lecture hours

3 Book

Required: *Calculus, For Business, Economics, Life Sciences, and Social Sciences*, 11th Ed., Barnett et. al. (ISBN 0-13-232818-6)

Student’s Solutions Manual for Calculus for Business, Economics, Life Sciences and Social Sciences: Not required. Not even recommended, but you should know it exists. (Although, as of the time that I typed up the syllabus, it was out of stock on Amazon.com).

4 Calculators

A graphing calculator is required. In class, I will occasionally use a TI-83 Plus. No calculators are allowed during tests. You will find them useful on the homework.

5 Grading

Percentages	
Homework	10%
Project	10%
Tests (Best 2 of 3)	50% (collectively)
Final	30%

Grading Scale			
A	93-100%	C+	77-79%
A-	90-92%	C	73-76%
B+	87-89%	C-	70-72%
B	83-86%	D	60-69%
B-	80-82%	F	0-59%

6 Homework

Homework will be assigned on a regular basis. Students are expected to at least attempt all assigned problems. Homework is due at the beginning of the class every Friday. Some subset of the assigned problems (probably five problems per homework) will be graded and returned.

7 Project

Each student must complete a project for the course. The topic of the paper will be an application which uses calculus. You may work solo if you wish, or in groups of up to three. Late projects are not accepted. More details will be presented later in the course.

8 Tests

No books, calculators, etc. are allowed on tests. I will provide paper and any other materials you might need. I reserve the right to alter seating arrangements for the course, including tests.

9 Drops and Makeup Policies

- Two grades will be dropped: the lowest homework score, and the lowest test grade.
- No makeup tests are given. No homeworks, assignments or projects are accepted late.

- Permission to take the final at any time other than scheduled must come from the Dean's Office of the College of Arts & Sciences.

10 Tutoring

- Math Tutoring Lab: Ritter Hall 28
- A list of personal tutors is available from the Mathematics Office Secretary.
- Student Educational Services Tutoring Center: (314) 977-2930
(<http://www.slu.edu/departments/sesc/acadresources/tutoring/index.html>)

11 Cell Phones

Please turn off your cell phones before class begins. Cell phones are extremely disruptive to the other students. If you're expecting a call you absolutely cannot miss, please let me know before class begins.

12 Academic Honesty

Students are expected to be honest in their academic work. The University reserves the right to penalize any student whose academic conducts, in its judgment, detrimental to the University. Such conduct shall include cases of plagiarism, collusion, cheating, giving or receiving or offering or soliciting information on examinations, or the use of previously prepared material in examinations or quizzes. Violations should be reported to your course instructor, who will investigate and adjudicate them according to the Policy on Academic Honesty of the College of Arts & Sciences. If the charges are found to be true, the student may be liable for academic or disciplinary probation, suspension, or expulsion from the University.

13 Academic Accommodations

Any student who feels that he/she may need academic accommodations in order to meet the requirements of this course as outlined in the syllabus, due to presence of a disability, should contact the Disabilities Office at (314) 977-8885.

14 Change

This syllabus and any course material is subject to change at the discretion of the instructor to accommodate instructional and/or student needs. It is the student's responsibility to keep abreast of such changes.