

Class Meetings

Lectures:

MTWRF 9:55–10:45 120 MSB

Professor

Professor: **Dr. Mark L. Lewis**
Office Hours: MTWRF 11:00–11:50
or by appointment
Office: 210 Mathematical Sciences Building
Office Phone: (330)672-9033 (*Voicemail will pick up after several rings.*)
E-Mail: lewis@math.kent.edu
mllewis@kent.edu (Please note that this e-mail address does not get checked as frequently)

The Text

Calculus

by James Stewart
(Kent State Custom Edition)

Chapters 1–5 will form the heart of the course, although we may change the order and skip certain sections. We may also supplement the text with materials from other sources. In addition, Sections 1.1 and 1.2 and Appendix A of Stewart provide a review of basic Algebra and Trigonometry skills which are prerequisite to this course. I strongly suggest that you read these sections, then quickly determine and remediate any problems you may have with these prerequisites.

Material Covered

- Chapter 1 Limits and continuity
- Chapter 2 Derivatives
- Chapter 3 Max/Min methods, applications, curve sketching
- Chapter 4 Integration
- Chapter 5 Transcendental functions

Grading Scheme

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| In-class exams | 500 points (5 exams @ 100 points each) |
| Gateway differentiation exam | 50 points |
| Comprehensive final exam | 200 points |
| Hand-in problems, writing assignments, and quizzes | 250 points |
| Total | 1000 points |
| Attendance and class participation | used in determining borderline grades. |

Grading Scale

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|----|-----------------|----------|----|----------------|---------|
| A | 920-1000 points | 92%-100% | C | 720-779 points | 72%-78% |
| A- | 900-919 points | 90%-92% | C- | 700-719 points | 70%-72% |
| B+ | 880-899 points | 88%-90% | D+ | 680-699 points | 68%-70% |
| B | 820-879 points | 82%-88% | D | 600-679 points | 60%-68% |
| B- | 800-819 points | 80%-82% | F | 0-599 points | 0%-60% |
| C+ | 780-799 points | 78%-80% | | | |

Exams

There will be five in-class exams (tentatively scheduled for **September 11, October 2, October 23, November 13, and December 8**). The in-class differential gateway exam is scheduled for September 25. (Information regarding the gateway exam will be passed out by September 16.) The final exam is scheduled for Wednesday, December 16 at 10:15-12:30 am.

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Exam Make-up Policy

Make-up exams will be given only to those students who contact me in advance stating a valid reason for missing the exam. Students who cannot reach me in person must leave a voicemail message **before** the time of the exam (the time and date of the message will be recorded automatically). **Students missing an exam for an invalid reason will receive a zero.**

Attendance and Class Participation

All students are expected to attend class on a regular basis. Each student is expected to miss no more than five “hours” of class. Students are responsible for all material covered and assignments made during their absences. Excessive absences will lower your course grade. Students are also expected to complete assigned reading and homework exercises and to participate in class discussions. Students may be expected to put homework problems up on the board on a regular basis.

Student Responsibilities

Primary responsibility for learning the material in this course lies with the student. Each student is responsible for attending class regularly, carefully completing daily reading and homework assignments, coming to class on time and prepared, and actively participating in class. Any student having trouble with the material is responsible for seeking help from the instructor, tutors, or fellow students.

Reading will be assigned daily. The lectures are designed to supplement and amplify your reading, not replace it. That means that you are expected to complete the reading assignment before class so that you can engage in a discussion of the material. Also, you will be accountable for information in the book that will not be covered explicitly in class. At first, this may be difficult, but with time and effort you will get better at reading mathematics.

To master the material in this course, you will have to work lots of exercises. I will assign many problems—some I will collect and mark and others I will not. Although most homework assignments will not be collected, they are *all* expected to be completed. There is generally a strong correlation between the amount of effort expended on homework and the level of success on exams. It is expected that reading, studying the text and notes, and working homework problems will require *at least* 3 hours per day outside of class. Any student who chooses not to fulfill the responsibilities outlined here should not expect to succeed in this course.

Cellphones, Pagers, Etc.

Cellphones, pagers, and other noise-making devices are very distracting to me and to the other students when they go off in class. For that reason, I would prefer that you not bring them to class. If you must bring them, then they should be turned off or put in a silent mode. I reserve the right to impose appropriate sanctions when necessary.

Supplies

I recommend that you have access to a **graphing calculator**. You should also bring your book, notes, and pencils and erasers to each class. You may wish to bring a few colored pens or pencils as well.

Student Accessibility Policy

University Policy 3342-3-01.3 requires that students with disabilities be provided reasonable accommodations to ensure their equal access to course content. If you have a documented disability and require accommodations, please contact the instructor at the beginning of the semester to make arrangements for necessary classroom adjustments. Please note, you must first verify your eligibility for these through Student Accessibility Services (contact 330-672-3391 or visit www.kent.edu/sas for more information on registration procedures).

Registration Requirement

The official registration deadline for this course is September 13, 2009. University policy requires all students to be officially registered in each class they are attending. Students who are not officially registered for a course by published deadlines should not be attending classes and will not receive credit or a grade for the course. Each student must confirm enrollment by checking his/her class schedule (using Student Tools in FlashFast) prior to the deadline indicated. Registration errors must be corrected prior to the deadline. The last day to withdraw is November 8, 2009.

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Academic dishonesty

The university statement on Academic dishonesty can be found at
http://cms.kent.edu/math/Undergraduate/course_descriptions.cfm
Please familiarize yourself with this policy. We will be following this policy.