

MAT 270 / MWThF 11:40-12:30 / PSF 208
 SLN: 63199
 Spring 2005 Syllabus

Instructor Info: Mark Ashbrook

Office: PSA 208

Office Hours: MWF 9-9:30 Th 9-11:30 and by appt.

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Home Page: <http://math.asu.edu/~ashbrook>

- Text:**
1. Required: Calculus - Early Transcendentals Single Variable 5th Ed, by James Stewart
 2. Optional: Student Solutions Manual - Single Variable Calc
 3. Stay Tuned: ClacLabs for Maple

Graphing Calculator: A graphing calculator is required for this course.

Recommended: Casio 9850GB+ or TI-83

If you already have a graphing calculator, you may use it.

NOT permitted: Calculators with QWERTY keyboards or those that do symbolic algebra, such at the Casio FX2, Casio 9970Gs, ,TI-89,or TI-92

Course Exams and Content: You will take five exams during the semester. The best possible preparation for them is regular **attendance** and completion of assigned **homework**.

- * These exams are taken outside of class time in the [Mathematics Department Testing Center](#), in PSA 21 (basement).
- * To be admitted to the Testing Center each student **must** have a valid ASU "Sun Card" and an official testing center label provided by the instructor. The instructor will distribute Testing Center labels in class prior to each exam.
- * The testing center is open 8:00 a.m. - 6:30 p.m. M-Th and 8:00 a.m. - 3:30 p.m. Friday. Make sure you arrive **before** 6:30 p.m. M-Th or 3:30 p.m. Fri. The testing center will not allow late entry. Arrival before the door closes allows the student an hour and a half to complete the test.
- * Students should complete exams as early as possible during the allotted time frame, since the center can get extremely busy in the afternoons.
- * Your calculator memory may be viewed during any exam and will be cleared if anything suspicious is noted. The instructor has the right to regard finding suspicious material in your calculator memory as cheating.

Exam	Dates	Sections Covered
Exam #1	Thurs-Fri Feb 3-4	Limits & Continuity 2.2-2.6
Exam #2	Thurs-Fri Feb 24-25	Derivative Concepts 2.1, 2.7-2.9, 3.3, 3.11
Exam #3	Thurs-Fri March 10-11	Derivative Mastery 3.1, 3.2, 3.4-3.8
Exam #4	Thurs-Fri April 7-8	Derivative Apps 3.10, 4.1-4.9
Exam #5	Thurs-Fri April 28-29	Integration 4.10, 5.1-5.5
Final	Saturday May 7 at 7:40 a.m.	Cummulative

Homework: Homework problem lists will be posted on the instructor's website, and assignments will be announced in class from this list. Homework will be due Monday & Thursdays at the BEGINNING of class. The instructor will answer selected homework questions AFTER assignments have been turned in; students should not count on having any time to complete homework in class on the day it's due.

Makeup exams: Makeup exams are given at the discretion of the instructor and only in two cases:

- 1) an excused absence that is brought to the attention of the instructor BEFORE the exam, and
- 2) a verified medical or other **documented** emergency. In this case, EMAIL the instructor as soon as possible to discuss the situation and make arrangements.

Webwork Quizzes: Weekly quizzes will be submitted via the internet using the online homework system WeBWorK. Students will log in using their ASURITE login name and password. For information and a tutorial, go to <http://webwork.asu.edu> and choose the tutorial link to learn how to log in and perform basic operations. Late quiz submission is not possible without instructor permission. For additional practice, see the homework list at the end of this document and/or try the practice problems in the "Practice" area on WeBWorK.

In-class Quizzes: The instructor can give a quiz at a any time, announced or unannounced. It is the student's responsibility to attend class regularly and be prepared for a quiz at any time. Make-up quizzes are only allowed at the instructor's discretion.

Grading Criteria:

Point Allocation	
5 Course Exams (None will be dropped!)	50%
Final Exam	20%
Homework, Webwork quizzes, in-class quizzes, Maple	30%

Letter Grade Determination

Grade	Percentage
A+	98% to 100%
A	90% to 97%
A-	88% to 90%
B+	85% to 88%
B	80% to 85%
B-	78% to 80%
C+	75% to 78%
C	70% to 75%
D	60% to 70%
E	< 60%

Departmental and University Policies and Procedures:

<i>Course Withdrawal:</i>	Sunday, April 3, 2005
<i>Complete Withdrawal:</i>	Tuesday, May 3, 2005

Ethics:

It is highly unethical to bring to your instructor's attention the possible impact of your mathematics grade on your future plans, including graduation, scholarships, jobs, etc. The instructor may exercise an option to withdraw you from the course if they think you are compromising the ability to assess your work independently of any other consideration. Students found to be involved in academic dishonesty will be removed from the class and a grade of **XE** for the course will be submitted to the registrar. The student will be advised to repeat the course with another professor, possibly at another institution. This is the least action taken. Further, more serious actions may be taken if the situation indicated that such actions are appropriate.

Incomplete:

If there is a last-minute personal or medical emergency, the student may receive a grade of Incomplete and make up the final within one calendar year. The student must provide written documentation and be passing the class at the time to receive an Incomplete. Make-up exams will NOT be given for reasons of a non-refundable airline tickets, vacation plans, work schedules, weddings, family reunions, and other such activities. Students should consult the final exam schedule before making end-of-semester travel plans. *The Dean of the student's college must approve any exceptions to these rules.*

Honor Policy:

The highest standards of academic integrity are expected of all students at all times. The failure of any student to meet these standards may result in suspension or expulsion from the University or other sanctions as specified in the University Student Academic Integrity Policy. Violations of academic integrity include, but are not limited to, cheating, fabrication, tampering, plagiarism and/or facilitating such activities.

HWK Problems for Exam #1

(e = evens, eoe = every other even)

1.1 2-60 e

1.2 1,2,8,12,14-16,18

1.3 2-58 e

pg. 78 2-30 e

pg. 147 38,40,48,50a,

App. D 2-38 e, 42,46,48,50,52, 62-72 e, 77,82

2.2 6,8,14,16,26,40

2.3 2,8,36,40,42,48,56

2.5 6,8,16,20,32,38,42,46,48

2.3 4,10,(12-30e),32

2.6 4,6,16,20,24,26

2.1 4,6,8