



University of
Science & Technology

MISSOURI UNIVERSITY OF SCIENCE AND TECHNOLOGY

DEPARTMENT of MATHEMATICS and STATISTICS

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Mathematics 15 “Calculus for Engineers II”, Section C, Fall 2009 (Aug 24 – Dec 11)

Lecture: Monday, Wednesday, and Friday (except Sep 7, Nov 23/25/27) in CE (Butler-Carlton Hall) 120 from 11 to 11:50 AM. Lab sessions are Tuesday and Thursday (except Nov 24/26) 10-10:50 AM (C1), 11-11:50 AM (C2), and 12-12:50 PM (C3), Computer Science 209A, conducted by Logan Roddy. This class has a web site:

<http://web.mst.edu/~akine>

Office Hours: Tuesdays/Thursdays from 10AM to 11:30AM in 310 Rolla Building. Also by appointment. Appointments may be scheduled in person, by phone, or via e-mail. Other help (tutor rooms, GTA, help sessions) can be found on the web site. Weekly evening LEAD sessions are available for everybody. See Dr. Akin-Bohner if you have questions about your grade.

Text: Calculus by James Stewart (5th ed.), chapters 7-12.

Personal Response System (PRS): This class utilizes a PRS. You are responsible for purchasing a responder in the S&T bookstore, registering it in Blackboard, and bringing it with you every class period.

Attendance Policy: You are expected to attend every class period (lecture and lab). If you know in advance that you will not be able to attend, let me know. Your enrollment in this course may be terminated for excessive absences, but in any case your total points will automatically be reduced by 5 points for every unexcused absence in excess of five. If you have 3 absences before October 5, an academic alert will be issued. Anyone not responding to the PRS is counted as absent (see attached handout for more information about the PRS).

Course Coordinator: Dr. Elvan Akin-Bohner (310 Rolla Bldg).

Homework and Quizzes: On Friday at 11 AM (beginning of class), the assigned homework problems from the previous Friday, Monday, and Wednesday are collected and 2 selected problems are graded. Quizzes are taken in lab. No late homework will be accepted, and missed quizzes and PRS responses will not be made up.

Exams: There will be 4 exams in TMH 199 from 5 to 5:50 PM on the following Thursdays: Sep 10, Oct 1, Oct 29, and Dec 3. LEAD review sessions are in Schrenk G3 from 7 to 9 PM on the following Tuesdays: Sep 8, Sep 29, Oct 27 and Dec 1.

Final Exam: The final exam is comprehensive and will be on Wednesday, December 16, 2009 from 10:30AM to 12:30PM. **IMPORTANT: Travel plans are NOT a valid excuse for rescheduling the final.** If on Dec 11 you have 90% or higher and 3 or fewer absences with no absence after Dec 3, then you receive an A and do not need to take the final exam.

Grading Policy: On all work (exams, homework, quizzes, final), you must show your work clearly and completely. You will be graded on your work as well as your answers. But a correct answer that is not supported by your work will not receive credit. Each homework assignment is worth 10 points (3 points for each of the 2 selected problems and 4 points based on the overall effort shown in completing the homework) and each of the quizzes is worth 10 points. The best 12 homework assignments and the best 13 quizzes will count toward your final grade. The responses entered into the PRS are worth 150 points altogether. Each of the 4 hour exams is 100 points and the final exam is 200 points. The resulting percent values are as follows:

Homework	Quizzes	PRS	Hour Exams	Final
12%	13%	15%	40%	20%

Altogether, 1000 points are available. Your clicker points will be posted on the lecturer’s web site and will be updated frequently. If p is the final (relative) amount of points, the final (estimated) grade is determined according to the following table:

F	D	C	B	A
$p < 600$	$600 \leq p < 700$	$700 \leq p < 800$	$800 \leq p < 900$	$p \geq 900$