**UNIVERSITY of MISSOURI-ROLLA**
DEPARTMENT of MATHEMATICS and STATISTICS

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## Mathematics 15 "Calculus for Engineers II", Section C, Fall 2004 (Aug 23 – Dec 10).

**Lecture:** Monday, Wednesday, and Friday (except Sep 6, Oct 1, Nov 24/26) in CE-120 from 1 to 1:50 in the afternoon. Lab sessions are Tuesday and Thursday (except Nov 25) 12-12:50, 1-1:50, 2-2:50 in the afternoon, conducted by Angela Jugan (311 Rolla Bldg). This class has a web site:

http://www.umr.edu/~bohner/math15-04/math15.html

**Office Hours:** Monday, Wednesday, and Friday in ROLLA-106 from 2 to 3 in the afternoon. 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 website. Weekly night help sessions (announced in class and on the website) are **mandatory** for students with grade 65% or lower. Mandatory means that you will be dropped on the next day if you have 65% or lower and miss one of these sessions. You can learn anytime whether you have 65% or lower by going to the webpage and using your secret code.

**Text:** "Calculus" by James Stewart (edition 5e), Chapters 7–12.

**Attendance Policy:** You are expected to attend every class period. If you know in advance that you will not be able to attend, let me know. Your enrollment in this course may be terminated due to excessive absences (more than 5 for the semester). If you have a class grade of 60% or less or 3 or more absences by Oct 4, you will be dropped from the course.

**Course Coordinator:** Dr. Martin Bohner (106 Rolla Bldg). If talking to the course coordinator does not resolve your concern, you may then speak to the chairman of the math department, Dr. Leon Hall (207 Rolla Bldg).

**Homework Assignments:** Homework will be collected on Friday at 1 in the afternoon (the assigned problems from the previous Friday, Monday, and Wednesday) and 2 selected problems will be graded. Quizzes will be written on Tuesday or Thursday. No late homework is accepted. Missed quizzes will not be made up.

**Exams:** There will be 4 exams in CE-120 from 5 to 6 in the evening on the following Thursdays: Sep 9, Sep 30, Nov 4, and Dec 2.

**Final Exam:** The final exam is comprehensive and will be on Thursday, Dec 16 from 8 to 10 in the morning. If you have 90% or higher before the final exam, 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 unsupported by your work will not receive credit. Each homework assignment is worth 8 points (3 points for each of the 2 selected problems and 2 points based on the overall effort shown in completing the homework) and each of the quizzes is worth 8 points. The best 12 homeworks and the best 13 quizzes (together 200 points) will count toward your final grade. Each of the 4 hour exams is 100 points, and the final exam 200 points. Hence the emphasis on the final amount of points is weighted as follows:

| Homework | Hour Exams | Final |
|----------|-----------|-------|
| 25% | 50% | 25% |

Altogether 800 points are available. The accumulated scores may be found on the lecture's web site (using a personal password). Note that these scores as well as estimated final grades are updated weekly. If $p$ is the final (relative) amount of points, the final (estimated) grade will be determined according to the following table:

| F | D | C | B | A |
|---|---|---|---|---|
| $p < 480$ (60%) | $480 \leq p < 560$ (70%) | $560 \leq p < 640$ (80%) | $640 \leq p < 720$ (90%) | $p \geq 720$ |

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