MATH 2163: Calculus III 001
Syllabus – Summer 2010

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Objectives: This is the third course in a three–semester calculus sequence. Students are expected to learn and understand topics in differential and integral calculus of functions of several variables, including vectors, partial derivatives, multiple integrals, and line integrals. In addition, some applications of these concepts will be covered. Calculus is fundamental for students in science and engineering.

Textbook and Supplies: The required textbook is *Calculus: Early Transcendentals*, 6th Edition (Custom Edition for Oklahoma State University) by James Stewart. Moreover, a scientific calculator may be useful for solving some homework problems. However, calculators or computers will not be allowed during the exams.

MLRC (Mathematics Learning Resource Center): The MLRC is a resource center for the mathematical learning of undergraduate students assisting them via tutoring, videotaped lectures, and microcomputers with mathematics software. It is located on the 4th floor of the Classroom Building. For more information go to http://www.math.okstate.edu/mlrc.

Homework: Homework will be assigned weekly. They will be completed using the online grading system WebAssign. No late submissions will be accepted. In order to be able to submit the assignments, students must register using the Class Key: **okstate 8399 1968**. The WebAssign homepage is http://webassign.net.

Examinations: There will be three preliminary exams given in class. The final exam will be comprehensive over all the material covered in class during the semester. The examination dates are the following

 Exam 1:   June 24
 Exam 2:   July 08
 Exam 3:   July 22
 Final Exam: July 29.

Make–up exams will be given only for very serious and unavoidable conflicts, and if the request has been approved by the instructor in advance.

Attendance: Attendance is not mandatory. However, there will be bonus points, up to a total maximum of 15, for attendance. For each absence 3 points will be deducted from the maximum. Students will be marked present if they arrive to class on time and remain until the class is dismissed. Attendance will be recorded by having the students sign the attendance sheet which will be distributed during the class period.

Grading: In the determination of the final grade, the homework will count 200 points (after scaling), each preliminary exam will count 100 points, and the final exam will count 200 points. Letter grades will be assigned according to the following scale
 A: 630–700 points
 B: 560–629 points
 C: 490–559 points
 D: 420–489 points
 F: 000–419 points.
Some discretion of the instructor may be used in deciding borderline cases. It is each student's responsibility to keep all graded exams in case there is a discrepancy with the recorded grade.

Online Classroom: Any relevant materials to the class, other than homework assignments, will be posted on Online Classroom (Desire2Learn). These include: useful information, handouts, study guides, and grades. Students should check it for updates on a regular basis. The Online Classroom website is `https://oc.okstate.edu`.

Note: Any changes to this syllabus will be communicated in class by the instructor.