Reedley College
Math 5A
Fall '10 Syllabus

Course: Math 5A, Math Analysis I
Schedule number: 56338
Instructor: Ron Reimer
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Phone: (559)638-3641 ext. 3355
Office Hours: TWTh 10:00 to 11:00 am, FEM 1C
Text: Anton, Calculus, Ninth Edition
Meeting times: Daily 9:00 – 9:50 am, 8/16/10 – 12/17/10
Important dates:

Sept 6	Monday	Labor Day
Oct 15	Friday	Last day to drop a full-term class
Nov 11	Thursday	Veterans Day, no class
Nov 25-26	Thurs,Fri	Thanksgiving, no class
Dec 15	Wednesday	Final Exam 9:00 – 10:50 AM

Course Description: Introduction to calculus, analytic geometry, differentiation and integration of polynomial, exponential, logarithmic and trigonometric functions; limits; curve sketching and applications.

Course Objectives
A. analyze and sketch the graphs of simple functions.
B. determine the domain and range of compound and composite functions.
C. calculate limits and determine the continuity of functions.
D. differentiate polynomial, trigonometric, rational, exponential, and logarithmic functions.
E. solve related rates and extrema problems using the derivative.
F. perform calculations using the Fundamental Theorem of Calculus.
G. perform indefinite and definite integration including the use of substitution.

Attendance: In order to maintain continuity of subject matter regular attendance is imperative in any academic course. Students, who do not attend class consistently, learn less and typically earn lower grades than students who do attend class consistently. You are expected to attend all class sessions, arrive on time and stay for the entire session. Each three times you are tardy to class will be counted as an absence. If more than 10 absences are accumulated on October 15, 2010, you will be dropped from this course. Do not be late to class. If you are not present when role is taken you will be marked absent.

Grading: Grades will be based on four sets of criteria: Homework, Midterm exams, Class participation and a Final exam.

Homework: Homework will be scored based on completeness and neatness. To be complete you must write down all problems (except word problems), show all necessary steps to solve the problem and show your solution. Please use standard 8.5″ x 11″ paper (no spiral notebook paper please), write your work in pencil and staple multiple papers together in the upper left hand corner. Record the **class name**, **your name**, **section and problem numbers** on each page of your homework assignment. **No late homework assignments will be accepted**. Homework will make up twenty-five percent of your grade.

Midterm Exams and quizzes: The midterm exams and quizzes will make up the majority of your grade in this course. In most cases a midterm exam will follow the completion of a chapter in the textbook and cover the material discussed in that chapter only. If appropriate a midterm exam may cover more or less than one chapter in the text. Each student's lowest midterm exam score will not be calculated in her/his overall grade. Midterm exams and quizzes will make up sixty-five percent of your grade.

Final Exam: There will be a comprehensive final exam at the end of this course. The final exam may not be dropped from your grade. The final exam will make up ten percent of your grade. The final exam date for this course is Wednesday December 15, 9:00 – 10:50 am.

Grading scale:

Final Percentage Points	Grade
90<100	A
80<90	B
65<80	C
50<65	D
0<50	F

Academic Dishonesty
Students at Reedley College are entitled to the best education that the college can make available to them, and they, their instructors, and their fellow students share the responsibility to ensure that this education is honestly attained. Because cheating, plagiarism, and collusion in dishonest activities erode the integrity of the college, each student is expected to exert an entirely honest effort in all academic endeavors. Academic dishonesty in any form is a very serious offense and will incur serious consequences ranging from a failing grade on a specific assignment to a failing grade in the course.

If you have a verified need for an academic accommodation or materials in alternate media (i.e., Braille, large print, electronic text, etc.) per the Americans with Disabilities Act (ADA) or Section 504 of the Rehabilitation Act, please contact me as soon as possible.

A blackboard website will be maintained for this course. The web address is: http://blackboard.reedleycollege.edu

User Name = *Your student I.D. number*
Password = Your student I.D. number