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http://www.anokaramsey.edu/IT/stu_email.cfm

Homework: Homework will be assigned for each section covered in class. Odd problem answers are in the back of your textbook and in the student solution manual. I will be collecting even homework problems almost daily to see how well concepts are understood. Each homework turn in will be worth 5 points and I will drop 4 at the end of the semester.

Remember: **A minimum of two hours** of homework/studying is expected for each hour of class. Keeping up with homework is extremely important.

Quizzes: A few quizzes may be given.

CAS: CAS(computer algebra systems) assignments will also be given during the semester.

Exams: There will be four exams during the semester and one final exam. If you cannot take the exam on the schedule day, be sure to see me and we can make arrangements for you to take the test **BEFORE** the scheduled day. If you cannot take the exam on or before the test day (car problems, ill, ...), all is not lost. You **CANNOT** make up the exam, but I will replace the missed exam with half your final exam score. This can only be used for one exam. Other missed exams will result in a zero. For those of you that do not miss any exams, I will replace your lowest exam score with half of your final exam score (assuming your final exam is not your lowest score).

The final exam is:
May 13th, 9:40-11:40am

Generally, students will score higher on quizzes and exams if they work more problems.

Grades: Grades will be based on the following percentages: 90-100% A, 80-89% B, 70-79% C, 60-69% D, below 60% F.

Help: If you have questions or need help on class material there are three places you can go for free:
1-instructor
2-classmates
3-academic support center

Pass/No Credit: If you wish to take this course on a pass/no credit basis, you must inform me in writing by May 1st. Passing is 70% or better. Be sure to check with your counselor first.

Incomplete:
No incomplete will be considered unless you are doing C or above work, have

completed more than half the course, and have missed class because of unavoidable circumstances (e.g. hospitalization).

Add/Drop/Withdraw: The last day to add a class is January 18th. Please see your Student Handbook for more details.

Accommodations for Students with Special Needs:

Anoka Ramsey Community College does not discriminate on the basis of race, color, national origin, gender sexual orientation, religion, age or disability in employment or in the provision of our services. Within the first week of class, students with special needs that require accommodations should contact the Director of Access Services at (763) 433-1350 to discuss possible support services.

Learner Outcomes

At the conclusion of the course, the student should be able to:

1. Calculate limits of algebraic functions of a single variable.
2. Determine continuity (or discontinuity) of a function.
3. Calculate derivatives of algebraic functions of a single variable.
4. Calculate higher order derivatives.
5. Apply the derivative to determine increasing and decreasing functions, relative extrema, absolute extrema over an interval, concavity, inflection points, and sketching the graphs of algebraic functions.
6. Solutions to problems involving extrema and related rates.
7. Calculate a derivative using implicit differentiation.
8. Calculate the differential of an algebraic function.
9. Calculate integrals using the Fundamental Theorem of Calculus, substitution, integration by parts, and tables.
10. Find derivatives and integrals that involve exponential and logarithmic functions.
11. Use definite integrals to find the area under a curve and between two curves.
12. Find the solution to very elementary differential equations.
13. Apply the concepts contained in a-j above to elementary but practical problems for business and the social and natural sciences.
14. Use a computer algebra systems (CAS) where applicable in the above outcomes and interpret the results.