

MATH 570 SUMMER 2004

Your Prof: James D. Harper, Ph.D.
Office: 107C Bouillon

Phone: (963) 2402
E-mail: harperj@cwu.edu

Office Hours

Monday through Thursday 10:30 to 11:30
And by appointment

Text BYOB (Bring your own Book)

(If you do not have a calculus text, then your Prof can loan you one).

Equipment Graphing Calculator (I will be using a TI-83)

Syllabus and Objectives We will review the basic skills and concepts from differential and integral calculus. In particular students will be reacquainted with and increase their understanding of: limits, derivatives, the product, quotient and chain rules, max/min of a continuous function, integrals as areas and as a limit of Riemann Sums, the Fundamental Theorem of Calculus, basic integration techniques.

Homework Homework will not be assigned. However, you will be expected to review your notes and choose *appropriate* practice problems from your favorite calculus book.

Grading

Quiz 10%

There will be a 20 minute quiz at the beginning of class on Tuesday, July 6.

Exam 40%

We will have an in-class exam on Monday, July 26.

Team Project 50%

Teams of two students each will select a concept or problem to expand and explore. The team will prepare a 4 to 5 page paper to be handed to the professor and give a 20 minute presentation during the sixth week of the course on their topic. The team and their project must be pre-approved.

Grading Scale

A 90%; B 80%; C 70%

Note: A plus grade is "+4%" and a minus grade is "-2%".

Holiday The University will be closed on Monday, July 5.

N.B., There will be no class meetings on July 27, 28 & 29.