



Course Syllabus - Math 173 - Calculus II - Winter 2011

9:00 - 9:50 AM / MTWRF / Bouillon Hall 102

10:00 - 10:50 AM / MTWRF/ Bouillon Hall 101

Professor: Dr. Jane Whitmire
Email: whitmire@cwu.edu
Phone - Office: 509-963-2268 Black 232
Office Hours: MTRF 11:00-11:50 am
Textbook: Thomas Calculus Early Transcendentals 11th Edition
Required Supplies: book, graphing calculator, pencil, engineering paper, erasers

Course Description:

Integral calculus is intended for students majoring in business, economics, mathematics, science, or technology. The course covers the theory, techniques, and applications of integration of elementary algebraic and transcendental functions.

Course Goals: Upon successful completion of the course, the student will be able to:

- utilize graphical, numerical, and algebraic techniques in solving a variety of problems relating to the concept of the integral.
- communicate, verbally and in writing, understanding of mathematical concepts.

Prerequisites: It is assumed:

- each student has internet access either at home or available during class hours in one of the many labs across campus.
- each student is able to type at least 45 words per minute.
- each student has mastery of content from differential calculus.
- each student can read, write, and type complete sentences using appropriate grammar and punctuation.

Course Policies

Electronics: Unless otherwise stated, students will not be allowed to operate any type of electronic equipment in class such as cellular phones or beepers. Electronics, including calculators and cell phones, will not be allowed during examinations. If you are calculator dependent, you are in the wrong class.

Homework: Daily homework exercises will be assigned, but never collected. As assigned problems form the basis for exams, it is to your advantage and responsibility to keep up. Full solutions, as well as steps to achieving each solution is available at Wolfram Alpha or will be posted under the Blackboard assignments icon.

Attendance: Daily attendance is expected and considered necessary for success. Please bring the text to each class meeting. You are responsible for any announcements made during class regarding homework exercises and exams.

Exams: No credit will be given for exams not taken. Only the 7 highest scores from the 8 exams will be used in the calculation of the final grade. Part of taking the exam is to complete the exam in the time allotted. Since emergencies occur, the lowest exam score will be dropped for every student. Questions on each exam will be similar to homework exercises assigned in class. Notes, books, or calculators will not be used on exams, unless otherwise indicated. A student who is unable to attend class on an exam day must notify the professor in advance to make arrangements for taking the exam early.

Comments:

You are expected to solve the problems on the exams using the methods we discuss in class, thereby demonstrating your understanding of these methods. Non-legitimate means of finding solutions to the given problems include guessing, trial-and-error, copying another student's answer, or remembering an answer from the back of the book will be given minimal credit.

Calculus requires a higher level of mathematical sophistication. For this reason, students all over the world struggle with calculus. It is expected that you will devote at least 10 productive hours of work per week to this course.

Read the relevant parts of the textbook before attending lectures, review your lecture notes after each lecture, and do all the assigned problems. To pass this course, you must practice. Mathematics is not a spectator sport.

Grades are frequently posted on the class Blackboard website. Blackboard can be accessed using the Wildcat Connection. Check this site regularly to insure that the recorded score is correct.

Important Dates:

<i>Exam1</i>	→ 100 points	→ 1/10/2011	
<i>Exam2</i>	→ 100 points	→ 1/17/2011	
<i>Exam3</i>	→ 100 points	→ 1/24/2011	
<i>Exam4</i>	→ 100 points	→ 1/31/2011	
<i>Exam5</i>	→ 100 points	→ 2/07/2011	
<i>Exam6</i>	→ 100 points	→ 2/14/2011	
<i>Exam7</i>	→ 100 points	→ 2/28/2011	
<i>Exam8</i>	→ 100 points	→ 3/07/2011	
<i>Final(9am class)</i>	→ 300 points	→ 3/15/2011	8 – 10 am
<i>Final(10am class)</i>	→ 300 points	→ 3/18/2011	8 – 10 am
<i>TOTAL</i>	1000 points	<i>8 Exams and Final</i>	

Special Needs Statement:

Students with disabilities who wish to set up academic adjustments in this class should provide a copy of their "Confirmation of Eligibility for Academic Adjustments". Eligible students without this form should contact the Disability Support Services Office by visiting Bouillon 205, emailing dssrecept@cwu.edu, or calling the phone number 509-963-2171.

HELP:

The Academic Skills Center (Hertz Hall) is a useful source of help (hours: Mon-Thu 1-4pm, Tue and Thu 6-8pm). A list of private mathematics tutors be be obtained from the mathematics secretary (Bouillon 108). You may qualify for free tutoring. See the Academic Achievement Program: <http://www.cwu.edu/aap/campus.html>