

Fall 2008
Math 173
Calculus 2

Hertz 121 (for the 10:00 class) or Bouillon 109 (for the 12:00 class)

Instructor: Dr. Jim Bisgard

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Office Hours: MW 1:00 - 1:50, TTh 2:00 - 2:50
and by appointment.

Course Goals: Math 173 is a second course in the calculus of a single variable. The focus of 173 is integration. You will learn what integrals are, as well as the fundamental relationship between differentiation and integration. In addition, we will learn various techniques for calculating integrals. Finally, we will see some applications of integration to find volumes of solids of revolution as well as centers of mass of thin plates.

Required Text: Thomas' Calculus: Early Transcendentals 11th ed.; Addison Wesley

1 Grades/Exams/Homework

Grades

Grades will be calculated using the following weighting system:

Quizzes: 40%;

Homework: 10%;

Exams: 50% total, broken up as follows: 15% for each mid-term and 20% for the final and the following scale:

	87 – 89.9 : B+	77 – 79.9 : C+	67 – 69.9 : D+	below 60 : F
93 – 100 : A	83 – 86.9 : B	73 – 76.9 : C	63 – 66.9 : D	
90 – 92.9 : A–	80 – 82.9 : B–	70 – 72.9 : C–	60 – 62.9 : D–	

Quizzes

We will have a take-home quiz every week, except for those weeks when we have an exam. Each quiz will be due at 3:00 p.m. two days after being handed out. (So, a quiz handed out on Tuesday will be due at 3:00 p.m. on Thursday.) I encourage you to work with other students, but you should write up your solutions in your own words.

Homework

Almost every day in class, you will receive a few homework problems. Problems assigned on a Wednesday or later will be due on the Friday of the following week by 3 p.m. (For example, the problems from January 7, 8, 9, 12 and 13 will all be due on Friday, January 16.) I will be assigning odd problems from the book and will grade on completion only. This means I'll be most interested in the work you've done - if you just write down an answer, you won't receive any points. It is a good idea to work with other students from class. We won't have time to do many homework problems in class, so please feel free to ask during office hours. However, don't put off asking about homework until the day before it's due! (It makes me very impatient when you come by every twenty minutes to ask about material we covered a week ago!)

Late and Make-up Policy for Homework and Quizzes

I will accept a late homework or quiz (but not both!) for full credit only once. However, you must turn this homework or quiz in within two class days of the due date. I will accept a

second late homework or quiz (but not both!) for half credit only once. Again, this homework or quiz must be turned in within two class days of the due date. After that, I will not accept any late work. In addition, you may be excused from a quiz or homework if you have proof of a compelling reason. As an example: if you are sick, I will need a doctor's note.

Exams

There will be three exams: two mid-terms and a final. The first mid-term will be on January 27, the second mid-term will be February 18, and the Final Exam will either be Tuesday, March 17 (for the 10:00 class) or Friday, March 20 (for the 12:00 class). The Final Exam will be cumulative, and **CANNOT** be taken early! **DO NOT** plan on taking your final early. If you miss an exam, you can take a make-up, but only if you have proof of a compelling reason for having missed the exam. In addition, you must notify me before (if possible) or within 24 hours after an exam to get a make-up. I will not give make-ups for circumstances you know about ahead of time!

Expectation for Quizzes and Exams

Your quizzes, homework and exams should be written up neatly and legibly, using complete sentences where appropriate. (For example, I don't expect you to write $(a + b)^2 = a^2 + 2ab + b^2$ using complete sentences!) In addition, you should always try and describe what you are doing. For example, if you want to evaluate an integral using u -substitution, you should write "We use u -substitution with $u =$ [mathematical formula here]", and then carry out the appropriate calculations..

We have a great deal of material to cover in a quarter. As a result, the pace of the class will be very fast, and it may not always be possible to answer every question in class. If you have a question that we weren't able to get to in class, please come by office hours or email me to set up an appointment if you can't make office hours. When you come to office hours, **bring your notes.**

2 Important Dates

January 12 - Last Day for Add/Drop

January 27 - first mid-term exam

February 18 - second mid-term exam

February 20 - uncontested withdrawal deadline

March 17 - final exam for 10:00 class (note: this final will be at **8:00 in the morning!**)

March 20 - final exam for 12:00 class

3 Legalese/Fine Print

Students with disabilities who wish to set up academic adjustments in this class should give me a copy of their "Confirmation of Eligibility for Academic Adjustments" from the Disability Support Services Office as soon as possible so we can discuss how the approved adjustments will be implemented in this class. Students without this form should contact the Disability Support Services Office, Bouillon 205 or dssreceipt@cwu.edu or 963-2171.