

Math 153.01 Winter 2010
Pre-Calculus 1
Bouillon 110, 8:00-8:50

Instructor: Dr. Jim Bisgard

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Office Hours: Monday - Friday 12:00-1:00, and by appointment.

Course Description: This course is designed to prepare students to take Calculus and Calculus-based science courses.

Course Goals: After passing this class, you should be able to

1. Analyze functions and equations numerically, algebraically, and graphically
2. Model real-world problems with appropriate functions
3. Determine the reasonableness of solutions, including sign, size, relative accuracy, and units of measurement.

Required Text: David Cohen, Pre-Calculus: A Problems-Oriented Approach 6th edition, Thomson Learning

Calculator: A graphing calculator is required for class and exams. If you have a question about whether your calculator is suitable, please see me.

1 Grades/Exams/Quizzes/Homework

Grades

Grades will be calculated using the following weighting system:

Exams: *55% total, broken up as follows: 15% for first and second exams and 25% for the final exam*

Take-Home Quizzes : *40%*

Homework: *5%*

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–	

Exams

There will be two mid-terms and a final. The mid-terms will be in class on January 28 and February 18. Make-up exams for the mid-term will be at my discretion, must be requested **before** (if possible) **or within 24 hours after the exam**, and will only be given if you have evidence of a compelling reason for missing the exam (sickness, jail, field-trip, University athletic event, etc.). The final exam is Friday, March 19, 8:00-10:00 and will be cumulative. **There will be NO early finals, so DO NOT plan on leaving before the final!**

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 noon two days after being handed out.** (So, a quiz handed out on Tuesday will be due at noon on following 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 at noon.** (For example, the problems from January 6,7, 8, 11 or 12 will all be due at noon on Friday, January 15.) I will mostly grade on completion. 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 every 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!) We may also have occasional worksheets, for which you will receive one extra credit point on your homework score if you are in class on the day the worksheet is handed out.

2 General Comments/Policies

Late and Make-up Policy for Homework and Quizzes

I will accept late homework or quiz (but not both!) for full credit twice. However, you must turn this homework or quiz in within two class days of the due date. After that, I will not accept any late work for credit. 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. In addition, you must notify me before (if possible) or within two days after the due date to be excused from a quiz or homework. I will not excuse you from a quiz or homework for circumstances you know about ahead of time!

Daily attendance is expected and considered necessary for success. It is your responsibility to find out what was covered on days you were absent. Please bring a calculator to each class meeting. You are responsible for any announcements made in class regarding homework, exams, and quizzes - even from days when you are absent! When you come to office hours, you must bring your class notes. Handouts from class may be found at www.cwu.edu/~bisgardj/teaching.html.

Students who have special needs or disabilities that may affect their ability to access information or material presented in this course are encouraged to contact me or the office of Disability Support Services at (509) 963-2171 for additional disability-related educational accommodations.

3 Important Dates

January 11 - last day of add/drop

January 28- first mid-term

February 18 - second mid-term

February 19 - uncontested withdrawal deadline

March 19 - final exam