

Math 101 Math in the Modern World

Winter Quarter 2008

Daily, 10-10:50 am, Hertz 119

Instructor: Erin M. Lee, MAT

Office: Hertz 101B

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Office Hours: Mon-Thurs, 11 am (& by appt.)

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Course Information

Text— *Using and Understanding Mathematics: A Quantitative Reasoning Approach* (4th Edition), by Bennett & Briggs

Calculator— You will need a scientific calculator for this course. A graphing calculator is recommended but not required. I will be using a TI-83+. Whatever calculator you choose, make sure you are comfortable using its various functions.

Course Description— This is a project-based course. This means you will work on projects that include writing. These projects will constitute 30% of your grade. The remainder of your grade will be determined by assignments both in and out of class: quizzes, exams, and a final exam.

Course Rationale— Math 101 satisfies part of the basic skills requirement needed for graduation. The course consists of various topics with applications to daily life: Problem Solving, Managing Your Money, Mathematical Modeling, and Mathematics and Politics.

Course Conduct— It is expected that you will attend class daily. Learning the skills and concepts required to be successful in this class won't happen without regular effort on the part of the student. Though you will not receive credit for attendance, it will weigh in your favor for those who make the effort to show up and participate. You are responsible for any material covered in class in addition to the material in the textbook. Some in-class assignments will be graded and cannot be made up. It is your responsibility to stay informed—if you miss class, ask your fellow students for notes, check the website for course details, and/or talk to me. Cell phones should be turned off during class (unless you'd like to favor us with a song) and electronic music devices should not be used. It is also expected that your presence will contribute to and never distract from the learning of others in the class.

Grading

You may expect homework on a near-daily basis. To keep the class moving, we will only use class time to answer homework questions from the previous section under study. Though I won't grade this work, it will prepare you for other assignments.

Projects

30%

There will be 3 group projects that involve research, applying the mathematics in the unit, and writing. In general, a group will share the same grade. However, if it becomes apparent that a group member is not contributing to the group effort, I reserve the right to make a decision on assigning grades accordingly. Directions for completing each project and a scoring guide will be given at appropriate times during the quarter. If circumstances prevent you from successfully completing group projects, you must contact me well in advance to arrange for an alternate assignment.

Quizzes (& in-class assignments)

20%

You can expect a quiz on most Fridays. Other quizzes and in-class assignments may be given at random to encourage attendance and participation. The intent of the quizzes is to motivate you to stay involved in the class, provide more frequent feedback on your progress with the material covered, and prepare you for the exams. Your lowest quiz score will be dropped so **no make-ups will be allowed**.

Exams**35%**

There will be 3 regular exams given during the quarter. Dates will be announced. The exams will be similar in format to the quizzes.

Final Exam**15%**

The final will be cumulative. It will be similar in format to the quizzes and previous exams.

Your grade in this class will be determined on the following scale:

93-100%	A	87-89%	B +	77-79%	C +	67-69%	D +	Below 60%	F
90-92%	A -	83-86%	B	73-76%	C	63-66%	D		
		80-82%	B -	70-72%	C -	60-62%	D -		

Important Dates

- Martin Luther King Jr. Holiday, January 21
- Uncontested Withdrawal Deadline, February 15
- Presidents Day Holiday, February 18
- Final Exam, March 14, 8-10 am

Policy for Late Work

As a general rule, I do not accept late work. If there are extenuating circumstances, please let me know and I will consider the merit of your plea. Due dates will be announced in advance so any foreseeable problems should be brought to my attention **before** the assignment is due. As noted above, there are no make-ups for quizzes.

Please Note

Math is not a spectator sport. Watching me or classmates solve problems is not a substitute for making the effort to participate in class and complete homework assignments.

If you have any requests to allow for special needs, let me know within the first 5 days of class. Students who have "Confirmation of Eligibility for Academic Adjustments" from the Disability Support Services Office and wish to have adjustments in this course should provide me with a copy of the form and discuss their needs with me. Students with disabilities without this form may contact the Disability Support Services Office, Bouillon 205, dssrecept@cwu.edu, or 963-2171.