

Math in the Modern World
Math 101, Meeting Daily 11:00 to 11:50 in Hertz 122

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Office: Black 225-39
Office Hours: 9:00-10:50 and 12:00-12:50
Daily or by appointment

Required Materials

- Text: Using & Understanding Mathematics: A Quantitative Reasoning Approach 6th edition by Bennett and Briggs.
- A scientific calculator is required. You will not be able to use your smart phone on quizzes or tests
- Pencils. I want all assignments that are turned in to me to be done in pencil.
- Access to Canvas. I will post grades, assignments, the course syllabus, test dates, and other important information.
- Additional material and content will be provided to you in class and posted to Canvas as needed.

Course Description

This course is designed to help develop your ability to reason with quantitative information, develop your critical thinking and reasoning skills, and prepare you for mathematics you may encounter in your other college courses as well as your life beyond the classroom.

Grading: I hope to post all graded material to Canvas, so you will be able to check your grade as often as you want.

- 25% Homework Portfolio
- 20% Quizzes
- 30% Tests
- 10% Puzzle
- 15% Final Project
- 5% Attendance
- 105% Total

A	A-	B+	B	B-	C+	C	C-	D+	D	D-	F
100-93	92-90	89-87	86-83	82-80	79-77	76-73	72-70	69-67	66-63	62-60	59>

Homework Portfolio: will be due the first day of the week (Mondays or Tuesdays if we have that Monday off)

The Homework Portfolio will consist of two parts:

1. Homework assignments will be given at the end of class. I will only grade 5 or 6 problems from the even numbered problems, as the odd numbered problems have solutions in the back of the book.
2. I am a firm believer in learning from one's mistakes. You will correct any problem that was marked wrong or partially wrong (***on a separate piece of paper***). If you got a perfect score on the quiz or test, please turn that in also as it makes marking them done/corrected easier.

Quizzes

I will give one/two quizzes during a week. Quizzes will only cover topics that were covered between quizzes.

Tests

Tests will be given at the end of each subject section. You will only be able to use a scientific calculator and a 3X5 notecard (both sides and handwritten by you). **No smart phones.**

Make-ups

It will be your responsibility to schedule a make-up quiz or test. I will warn you that make-up quizzes and test are shorter and harder and the answers are either right or wrong, no partial credit for make-ups. My reasoning is you have more time to study, so should be better prepared than those who took the quiz/test when it was given. So if you know you will miss a quiz/test, you might want to come to me and arrange to take the original quiz/test early.

Puzzle

At the beginning of each week I will give you/post several puzzles, riddles or various types of math problems to solve. You can choose to solve anyone you want. Once you solve one you will write what the solution is and how you found and verified the solution. This will be turned in with the weekly portfolio. **You can only turn in one puzzle a week, so you have until that Friday to turn one in or that week's puzzle score will be 0.**

Final Project

During the course I will give you assignments during the course that will allow me to individualize the final project to you and your goals. I will keep these until the final project is assigned. This project will be turned in as your final. **You can turn this project in early or on time, but not late.**

Attendance

Attendance is not mandatory, but a bonus. For every absence 0.5% will be subtracted from the bonus. You are responsible for deciding whether you want to attend class and participate. However, you are also responsible for the information and assignments given during the classes you missed. I suggest you find someone that you can contact to get the notes. (I will attempt to keep up assignments and up-dated announcements for quizzes and tests on Canvas)

Extra Help

Please come to me and either drop in during office hours or schedule an appointment. If you don't feel comfortable with coming to me for help there is the University Math Center, located in ARC on the first floor of Brooks library has tutoring hours. If you need other options please speak to me and we will work out a plan of action.

Accommodations

"If you have a disability and require accommodations for this course, please speak with me privately as soon as possible so that your needs may be appropriately met. If you have not already done so, you will need to register with Disability Services (DS). DS is located in Bouillon 140. Call (509) 963-1202 or email ds@cwu.edu for more information."