

Math in the Modern World
Math 101, Meeting Daily 1:00-1:50 in Bouillon 109

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Office: Black 225-39
Office Hours: 10:00-11:50 and 2:00-3:00
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, I will be using a TI-84. **You will not be able to use your smart phone on quizzes or tests.**
- **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 will post each assignment as I grade them to Canvas, so you will be able to check your grade as often as you want. Be careful, because canvas only shows you the average over the material graded, any blank will reduce your average.

- 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>

Assignment guidelines: all assignments must be **neatly done**, if I **can't read I will assume the answer to problem is wrong**. You will need to **box/circle your answer**, you don't want me to miss your correct answer by not being able to find them. If you **have just the answer you will not get full credit**, you must have the **set-up for the problem**, even if it is just a matter of putting the information into the calculator. The number 9 tells you nothing when you are studying for a test. You must do assignments in either pencil or black colored ink, I will not grade anything in other colors.

Cheating: if you are caught cheating you will receive a zero, with no chance to make up or retake the test/quiz. **This includes using your smart phones on quizzes and tests.**

Quizzes: I will give take-home quizzes. Most of the Take-home quizzes will be given on Friday, and will be due on Monday. If you are absent, copies should be available on canvas. However, if you are absent on the day they are due, you will have to come in and take a make-up quiz. **I will not grade late take-home quizzes**, if you miss a deadline then you will need to take the make-up quiz.

Tests: Tests will be given at the end of each subject section. You will only be able to use a graphing/scientific calculator and a 3X5 notecard (**both sides and handwritten by you**). **No smart phones, not even to listen to music.**

Homework Portfolio: will be due on Tuesday of the each week, unless specified by me;

The Homework Portfolio will consist of two parts:

1. Homework assignments will be given at the end of class. I will only grade a few 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 test/quiz in to get the 5 points. The grading rubric for the corrections are the following:
 - a. **1 point** for having the original quiz/test
 - b. **2 points** for the corrected answers for the quiz/test
 - c. **2 points** for the evaluation of what you did wrong. Example; I multiplied wrong, entered things into the calculator wrong etc...

Puzzle: At the beginning of the week you will be given a list of possible puzzles or riddles, you will **choose one** puzzle to turn in for credit. This is **due** at the **Friday** of each week, **Monday at the latest, any later and I will not grade them. The puzzles will be turned in on a separate piece of paper.** The grading rubric for the puzzles are the following:

- a) **1 point** for having the title of the puzzle
- b) **1 point** for the copy of the problem
- c) **2 point** for the correct answer. $\frac{1}{2}$ point for having an incorrect problem
- d) **2 points** for how well you communicate how you found or verified your solution to the puzzle

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 incorporate the data into the final. This project will be turned in as your final. ***You can turn this project in early or on time, but not late, and there are no make-up finals. Due June 10th by 2:00, delivered to my office.***

Make-ups and Late work: It will be **your responsibility** to schedule a make-up quiz or test. I will warn you that make-up quizzes and test are harder. 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. **The last day to turn in late work for the portfolios and to take make up quizzes and tests is Monday, June 1st.**

Attendance: Attendance is not mandatory, but a **bonus. 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 post assignments and make announcements for quizzes and tests on Canvas. If you are part of a team, you need to keep me up-to-date on your absences. However, you are still responsible for the work/topics covered.

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."