

SYLLABUS
Mathematics 101
Mathematics in the Modern World
Winter 2010

Instructor: Bruce Woodcock
Office: Black 225-35

Office Hours: 11:00 – 12:00 daily
or by appointment

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Textbook: Using and Understanding Mathematics: A Quantitative Reasoning Approach
Bennett & Briggs
4th Edition
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Please turn cell phones off during class.

It is assumed that you have successfully achieved **one** of the following: Successful completion of Math 100B, an SAT math section score of 500 or better, an ACT math section score of 19 or better, or a COMPASS test of 50 or better.

Math 101 satisfies one of the **basic skills requirements**. Your attention in class and your utmost effort will greatly increase your chances of success in this class.

A scientific calculator will be necessary for this course. You are not allowed to borrow a calculator during an exam. Make sure you have one of your own and bring it to class. You cannot use your cell phone as a calculator .

If you have a request to allow for special learning needs, let me know as soon as possible. Students who have a copy of their "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.

Feel free to raise your hand for help during class, and as time permits I will answer your questions. If you need more time to clarify your question(s) please schedule an appointment. For the long term your **best bet** is to form a study group with some of your classmates and meet regularly during the week (or even on weekends). Go over problems from the assignments and select your own for extra practice. Answers to selected exercises are in the back of your book. Use them to your advantage. Additional help is available in the Math tutoring center in Hertz 101.

Assignments will be made on a regular basis in class. Please attempt all problems assigned since your future work will build on the ideas found in these exercises, your grade will depend on completion of all problems, and your understanding of the concepts will increase. Class notes and assignments will be posted on BlackBoard.

There will be unannounced exit questions during the quarter. Each question will be worth 10 points. Missed exit questions cannot be made up but the worst score can be dropped.

There will be three exams given during the quarter. Each exam will be worth 100 points. You may retake any exam with the following conditions: 1) All homework must be completed for that given exam. 2) Your grade can increase up to full letter grades with a maximum increase to 89 (B+).

There will be three group projects/extended questions that will involve the concepts that are learned in this course. Each assignment will be worth 50 points. Groups must consist of **two to four** members. Groups with less than four members must get approval from me. Members of each group will share the grade earned by the group. If it becomes apparent that a member of a group is not contributing to the group effort, I reserve the right to adjust that member's grade accordingly. You will be given directions and guidance for successful completion of these projects/questions.

The material covered will be as follows, in the order given:

Critical Thinking/Problem Solving

Units 1A-1D, 2A, 2B

Managing Your Money

Units 3A-3C, 3E, 4B-4D

Exponential Modeling

Units 8A-8D, 9A-9C

Geometry/Networks

Units 11A-11C, 10C, 13A, 13B

Grades for this course will be calculated as follows:

Exit Questions:	Variable (approximately 100 points)
Projects/Extended Questions:	150 pts
Exams:	300 pts
Final Exam:	100 pts (comprehensive)

Letter grades will be assigned as follows:

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