

SYLLABUS
Mathematics 101
Mathematics in the Modern World
Winter 2009

Instructor: Bruce Woodcock
Office: Black 225-35
Time: 2:00 – 2:50 daily
Email: woodcock@cwu.edu

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

Phone: 963-2602

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 (TI-82/83/84 preferred). 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 it has that capability).

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. If you miss class it is your responsibility to contact a classmate about the missed work and notes. I would recommend that you get names and phone numbers of 2 or 3 classmates for contact purposes.

There will be 20 exit questions during the quarter. They will be given randomly during the quarter and will be based on homework. You may drop your two worst exit questions.

There will be three exams. If the average on your final exam is higher than your lowest exam grade you may replace that exam average with your final exam average.

There will be three group projects/extended questions that will involve the concepts that are learned in this course. Two of the three projects/questions will be submitted for group grades. Groups must consist of **two** or **three** members. 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, 1B, 1C, 1D, 2A, 2B, 2C, Exam #1

Managing Your Money

Units 3A, 3B, 3C, 4A, 4B, 4C, 4D, Exam #2

Exponential Modeling

Units 8A, 8B, 8C, 8D, 9A, 9B, 9C, Exam #3

Geometry/Networks

Units 10A, 10B, 10C, 13A, 13B, 13C

Final exam is scheduled for: 12-2 pm, March 17.

Grades for this course will be calculated as follows:

Exit Questions	20%
Projects:	20%
Exams:	40%
Final Exam:	15% (Final Exam is 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		