

**SYLLABUS**  
**Mathematics 101**  
*Mathematics in the Modern World*  
*Spring 2010*

Instructor: Bruce Woodcock  
Office: Bouillon 117

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  
4<sup>th</sup> Edition  
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**Please silence cell phones 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](mailto: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 class questions during the quarter. Each question will be worth 10 points. Missed class questions cannot be made up without a valid excuse. Your worst score will be dropped. You may work on these class questions by yourself or with one other student.

There will be quizzes on every Friday unless an exam is scheduled for that week. You may drop your worst quiz grade.

There will be four exams. Each exam will be worth 100 points. **If you earn less than 73% (C) on the first exam you must schedule an appointment with me.** Your worst exam grade will be dropped.

There will be three group take-home assignments 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. 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.

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

**Logic and Problem Solving**

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

**Quantitative Information in Everyday Life**

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

**Modeling**

Units 8A-8C, 9A-9C, 10B, 10C

**Further Applications**

Units 11B, 11C, 13A, 13B

Grades for this course will be calculated as follows:

Class Questions:	100 pts
Quizzes:	100 pts
Group Take-Home 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		