

Math 102 Syllabus

Winter 2016

Instructor: Jim Miller

Office: Black Hall 225-36, Phone 963-2990, Hours: 1:00-2:00, often earlier on Monday and Wednesday. I will also take appointments for other times. I can also be reached: email millerji@cwu.edu, cell 509 674 8138; Skype: mathdemazed; texting works to schedule a meeting time. I do have classes M-F at 2:00 and 3:00 and a seminar at 12 on Tuesdays.

Text: Using and Understanding Mathematics, A Quantitative Reasoning Approach, 6th edition by Bennett and Briggs. We will cover chapters 5, 6, and 7 as well as some other materials.

Supplies: Paper, graph paper, sharp pencils, **scientific calculator** (graphing capabilities are NOT required but I recommend TI-83 or TI-84 if you are going to buy for other math classes). Find a way to keep organized (three ring binder or whatever) that you will bring every day to class.

Course Description: Prerequisite: Math 100B or equivalent. This will be a contextual approach to mathematics. You are going to explore everyday problems and the mathematics that is use to understand and inform citizens about these problems as related to probability and statistics.

NOTE: If you intend to take further statistics classes Math 130 may be required. Math 102 satisfies some basic skills requirements for graduations but is not considered a prep for higher level statistics courses!

Expectations: It is expected that you have basic math skills, a positive attitude, and willingness to learn whether you have had bad experiences with math in the past or not. You will be learning mathematics that is practical to understanding our society.

If you are struggling, you will be expected to be spending extra time early and perhaps throughout the course to succeed. Failure will be a choice you will have to make. Success will be the other option! Choose this option though it may be the harder choice. You can track your progress on Blackboard as well as find other course information and assignments.

Attendance: Daily attendance is **expected** and considered a necessity for passing this course. It is **expected** that you actively participate in class. Attendance and appropriate participation in class is crucial to your success and will be recorded. If you are doing your homework, you will have questions to ask in class and will find the class engaging. If you aren't...

Suggestions for success: Many students find that forming peer study groups is very helpful to their success. In addition, there are several other resources: math-tutoring center, YouTube and other websites, and the instructor. The key factor is to **not** get behind. Mathematics is a cumulative subject where new topics depend upon mastery of previous concepts. Finally, read every lesson and work through every example in addition to completing the suggested homework problems/projects.

Homework: Homework will be collected nearly daily, perused, and recorded. Assignments can be found on Blackboard and will be given in class. Changes in due dates may occur occasionally and will be stated in class. It is essential that you practice your math and **ASK** for guidance in areas where your understanding is weak. Completion of homework every day **MUST BE** a priority for you! If you are unable to make the commitment this quarter, consider changing classes.

Grading: Your grade will be based on: tests and projects (60%); final (20%); homework, participation, attendance, and quizzes (20%). Letter grades based on the overall percentage: 93 A, 90 A-, 87 B+, 83 B, 80 B-, 77 C+, 73 C, 70 C-, 67 D+, 63 D, 60 D-.

Additional Note: Students with disabilities who wish to set up academic adjustments in this class should give me a copy of their "Confirmation of Eligibility for Academic Adjustments" from the Disability Support Services Office as soon as possible so we can discuss how the approved adjustments will be implemented in this class. Students without this form should contact the Disability Support Services Office, Hogue 126, or DS@cwu.edu or 963-2149. If you have non-qualifying issues talk to the instructor at your earliest convenience. **Do not wait!!!**