



Central Washington University

Mathematics Department  
400 E. University Way  
Ellensburg, WA 98926



Math 102	Decision Making	Spring 2016
E-mail: AndrewR@cwu.edu	Room: Bouillon Hall 109	Office Hour: 1:00 p.m.
Number of credits: 5	Office Rm. Bouillon Hall 121	Tues/Thurs/Fri

Text: *Using and understanding mathematics: A quantitative reasoning approach*, Bennett, Pearson, 2015 (6<sup>th</sup> Edition).

Note: Text is optional, but you will need an access code to MyMathLab.

Recommended Materials: Graphing Calculator (TI-83/84 preferred), pencils, erasers, lined paper or graph paper, notebook, and a large eraser.

Note: You will not be able to use a cell phone on exams.

Course Description: Selected topics from probability, statistics and mathematical decision making with real world applications.

Prerequisites: either at least 500 on the SAT, 19 on the ACT, a Compass test score of either 50- Pre-Algebra, 26- Algebra, 31-College Algebra, or 31- Trigonometry, or completed MATH 100B or a higher level math class. Basic Skills D – Reasoning.

Math Mission Statement: In support of liberal education, scientific careers, teacher preparation, and actuarial science, the mathematics department prepares students for quantitative and symbolic reasoning and advanced mathematical skills through general education, service, major, and graduate programs.

Attendance: I expect you to attend every class meeting as I have found that scores and grades reflect the amount of time in class. If you can't attend because your circumstances change, you must drop by **11:59pm, Apr. 4, 2016**, to be eligible for a refund. If you have to be absent for some emergency, be sure to contact me at the earliest possible time.

Homework: Success in a math class goes hand-in-hand with completing the homework assignments. When doing your homework, feel free to ask for help. The University Math Center is here to help you; get in the habit of doing your homework during open hours. Form a study group with other members of the class. Talking with others about math is where learning begins!

Late Work: It is your responsibility to submit your assignments on-time, which means that you need to maintain awareness of the due dates and plan accordingly. **Any late work will receive a 20% penalty and an additional 5% every day after. The last date you may turn in late work will be the Thursday prior to finals week. Exceptions are given pending instructor approval.**

Homework Advice: The homework is assigned to provide you with enough practice to retain the ideas and techniques you're learning. Many people do well by taking good notes in class and doing the homework daily as we cover the topics. Doing homework daily gives you the advantage of taking in smaller amounts of information at a time, and getting help early when you need it. This is the class to begin to develop good study habits. If you need help outside of the classroom there are several options available to you: get a second opinion from a classmate, an assistant in the drop in University Math Center in the Brooks Library, or from me during my office hour.

Grading: Grades will be based on

2 Exams/Projects (@ 20% each)	40%
Homework (@ 2% each week)	20%
Quizzes (@2% each week)	20%
Final	20%

Note: One quiz score will be dropped with exam corrections to 100%.

Disability Resources Statement: Central Washington University is committed to creating a learning environment that meets the needs of its diverse student body. If you anticipate or experience any barriers to learning, discuss your concerns with the instructor. Students with disabilities should contact Disability Services to discuss a range of options to removing barriers, including accommodations. Student Disability Services is located in Hogue 126. Call (509) 963-2214 or email [ds@cwu.edu](mailto:ds@cwu.edu) for more information.