

MATH 1001 - Quantitative Skills and Reasoning

Hours Credit: 3 hours

Prerequisites: None

COURSE INSTRUCTOR

Instructor: Wesley Gay

Office: Room Boyd 111 B

Email: wgay@westga.edu

Office Phone: 678-839-3108

OFFICE HOURS: Tuesday and Thursday 12:20 to 1:50 and 3:20 to 4:20

A note on e-mails: Keep a check on your UWG e-mail. Often times I send study guides, helps, homework assignments, or announce test dates via e-mail.

Also, I have about 150 to 175 students this semester. So make sure that you include: your name and the time that you have my class in your e-mail. So I can better discern who you are and the information that you need.

Example:

Mr. Gay,

My name is Ray Comfort and I am in your 11:00 to 12:15 class. I missed the first day of class and wanted to know if there was an assignment given that I should be working on or an announcement made that I need to know about?

Sincerely,

Ray Comfort

REQUIRED COURSE MATERIALS

TEXT: Thinking Mathematically, 6e, by Robert Blitzer (Pearson/Prentice Hall)

Paper, pencils, and 7 green scantrons. You may use a calculator, but it is not required.

COURSE DISCRIPTION

This course is an alternative in Area A of the Core Curriculum and is not intended to supply sufficient algebraic background for students who intend to take Pre-calculus or the Calculus sequence for science majors. This course places quantitative skills and reasoning in the context of experiences that students will likely encounter. It emphasizes processing information in context from a variety of representations, understanding of both the information and the processing, and understanding which conclusions can be reasonably determined.

LEARNING OUTCOMES

Upon successful completion of this course students will demonstrate the ability to:

1. Interpret a wide variety of quantitative information
2. Use mathematical reasoning to analyze quantitative information, and use it to reach conclusions in real-world contexts.
3. Understand how mathematics and quantitative reasoning are an integral part of society and history
4. Process information and develop procedures for solving problems.
5. Use different units and formats of numbers including metric system and percentages.
6. Understand and deal with uncertainty in mathematics
7. Be able to interpret and calculate financial information including interest and loans.
8. Understand and interpret statistical results found in the media and society.

COURSE ASSESSMENT

Students' mastery of course learning outcomes will be assessed via 6 chapter tests and 1 final examination.

ASSESSMENT GRADING

Chapter 1 Test (10%) {Whole chapter} **Tentative Date:** Thursday January 17th, 2019

Chapter 2 Test (12%) {Whole chapter} **Tentative Date:** Tuesday February 5th, 2019

Chapter 3 Test (12%) {3.1 to 3.4} **Tentative Date:** Thursday February 21st, 2019

Chapter 8 Test (12%) {8.1 to 8.5} **Tentative Date:** Tuesday March 12th, 2019

Chapter 11 Test (12%) {11.1 to 11.5} **Tentative Date:** Tuesday April 9th, 2019

Chapter 12 Test (12%) {12.1 to 12.4} **Tentative Date:** Tuesday April 23rd, 2019

Comprehensive Final (30%) **9:30 class Thursday May 2nd, 8:00 to 10:00**

11:00 class Tuesday May 7th, 11:00 to 1:00

2:00 class Tuesday May 7th, 2:00 to 4:00

TOTAL: 100%

Grading Scale:

89.5% \leq x	A
79.5% \leq x < 89.5%	B
69.5% \leq x < 79.5%	C
59.5% \leq x < 69.5%	D
x < 59.5%	F

Note: I do not change grades. So, don't ask me to. Nor do I give grades. You get what you earn. So, if you want an "A" you need to start now and do what is necessary to earn an "A". I keep up

to 2 decimal places in courseDen. So if you end the semester with 89.49% you missed an “A” by one one-hundredth of a percent.

OTHER COURSE INFORMATION

Attendance Policy: Attendance is encouraged, but not required. You are responsible for all information presented in any class that you miss. This includes but is not limited to the announcement of future test dates and material presented.

Make-up Policy: I will not be giving any make-up exams. However, you may take a test early if we can arrange a mutually agreeable time. Any missed test will be replaced by your final exam grade.

Bonus points: In the last week of the semester there will be a class survey. I will give bonus points to those who stay and fill one out. There will be up to 12 bonus points available (2 points per test that you were present for and participated in).

Note: If you are caught cheating on any assignment you will forfeit the bonus points that are given in this course. This penalty may be applied retroactively to include any scale put on previous tests. This is in addition to other penalties that may be applied to cheating such as a zero on the test or for the entire course.

COURSE POLICIES AND INFORMATION

Upon completing the application for admission to the University of West Georgia, the student agrees to abide by the rules and regulations of the University. University regulations go into effect at the time a student enrolls and matriculates, and will continue until the time of graduation or withdrawal.

The Student Code of Conduct shall apply to conduct that occurs on University premises, at University sponsored activities, and to off campus conduct that adversely affects the University community and/or pursuit of its objectives. Each student shall be responsible for his or her conduct from the time of application for admission through the actual awarding of the degree, even though the conduct may occur before classes begin or after classes end, as well as during the academic year and during periods between terms of actual enrollment. The Student Code of Conduct shall apply to a student’s conduct even if the student withdraws from school while a conduct case is pending.

University Policies and Academic Support

Please carefully review the following Common Language for all university course syllabi at the link:

http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf

It contains important material pertaining to university policies and responsibilities. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.

***It is your responsibility to know and abide by these rules.**

Academic Honesty

Definitions of academic dishonesty are defined in the student handbook:

www.westga.edu/handbook/

***It is your responsibility to know what constitutes academic dishonesty. If caught, ignorance is not a valid defense.**

Disabilities Act/Accessibility for the Course

If you are a student whom is disabled as defined under the Americans with Disabilities Act and require assistance or support services, please notify me and provide me with a copy of your packet from Student Services. The university will provide you with resources for any audio/visual needs that you may have with the learning management system or course content.

Please contact UWG Accessibility Services for more information.

Student Conduct

Students are expected to abide by the guidelines detailed in the university catalog. You are responsible for knowing these. Respect and courtesy are required of all students while in the classroom.

IMPORTANT DATES:

First Day of Class:

Tuesday January 8th

No classes:

Tuesday, March 19th (Spring Break)
Thursday, March 21st (Spring Break)
Tuesday April 2nd (Scholar's Day)

Last Day of Class:

Thursday, April 25th