MATH 1001 - Quantitative Skills and Reasoning

Hours Credit: 3 hours
Prerequisites: None

COURSE INSTRUCTOR

Instructor: Wesley Gay
Office: Room 111 B (in the Boyd Building)
Email: wgay@westga.edu
Office Phone: 678-839-3108
OFFICE HOURS: Monday 5:00 to 6:45 & Friday 3:30 to 6:45

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

Also, I have well over 100 students and 5 different classes. So, at least for the first few weeks make sure that you include: your name and the time that you have my class in your e-mail.

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, non-graphing calculator, and 6 green scantrons.

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
NOTE: Graphing calculators are not allowed on test(s).

Chapter 1 Test (10%) Tentative Date: Monday August 27th, 2018
Chapter 2 Test (12%) Tentative Date: Friday September 14th, 2018
Chapter 3 Test (12%) {3.1 to 3.4} Tentative Date: Monday October 1st, 2018
Chapter 8 Test (12%) {8.1 to 8.5} Tentative Date: Monday October 22nd, 2018
Chapter 11 Test (12%) {11.1 to 11.5} Tentative Date: Friday November 9th, 2018
Chapter 12 Test (12%) {12.1 to 12.4} Tentative Date: Monday December 3rd, 2018
Comprehensive Final (30%) Date: 12:05 class -> Monday December 10th from 11:00 to 1:00
1:20 class -> Wednesday, December 12th, from 11:00-1:00

TOTAL: 100%

Grading Scale:
89.5% <= x A
79.5% <= x < 89.5% B
69.5% <= x < 79.5% C
59.5% <= 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:** If any bonus points are given, it will most likely be near the end of the semester, done in class, and be based on the number of test that you have taken so far. If you are absent that day you miss that opportunity. **If you are caught cheating on any assignment you will forfeit any bonus points that are given in this course. This penalty may be applied retroactively to include previous assignments.** This is in addition to other penalties that may be applied to cheating such as a zero on the assignment or for the whole class.

**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.

***In addition to the rules defined in the handbook the following is also in affect for this class:

**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:** Wednesday, August 15\(^{th}\)

**No classes:**
- Monday, September 3\(^{rd}\) (Labor Day)
- Thursday, October 4\(^{th}\) (Fall Break)
- Friday, October 5\(^{th}\) (Fall Break)
- November 19\(^{th}\)-23\(^{rd}\) (Thanksgiving)

**Last Day of Class:** Friday, December 7\(^{th}\)