MATH 1001 - Quantitative Skills and Reasoning
MW 1:20 to 2:10 in the Humanities Building Room 203
F 1:20 to 2:10 in the Anthropology Building Room 7

Hours Credit: 3 hours
Prerequisites: None

COURSE INSTRUCTOR
Instructor: Wesley Gay
Office: Room 111 B (in the Boyd Building)
Email: wgay@westga.edu
OFFICE HOURS: Friday 9:15 – 11:45, 3:00 – 5:30
Other times by appointment.

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

COURSE DESCRIPTION
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.

ASSESSMENT GRADING
NOTE: Graphing calculators equivalent to the TI 83, 84, 85, and 86 will be allowed on the exam, as will scientific calculators. The TI-89 and other equivalent calculators will not be allowed.
Chapter 1 Test (10%)  Tentative Date: Friday August 18th, 2017
Chapter 2 Test (12%)  Tentative Date: Friday September 1st, 2017
Chapter 3 Test (12%)  {3.1 to 3.4, possibly 3.5} Tentative Date: Friday September 22nd, 2017
Chapter 8 Test (12%)  {8.1 to 8.5, possibly 8.6} Tentative Date: Friday October 13th, 2017
Chapter 11 Test (12%)  {11.1 to 11.5} Tentative Date: Wednesday November 1st, 2017
Chapter 12 Test (12%)  {12.1 to 12.4, possibly 12.5} Tentative Date: Friday Nov. 17th, 2017
Comprehensive Final (30%)  Tentative Date: Wednesday, Dec. 6, 11:00-1:00 pm

TOTAL: 100%

Grading Scale:
90% - 100%:  A
80% - 89%:  B
70% - 79%:  C
60% - 69%:  D
<60%:  F

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 give no make-up exams. If you miss a test(s), then your grade on the final examination will be used in place of the test(s) that you missed. If you miss the final you will receive a zero on it and all other missed test(s).

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

NOTE: ALL FORMS OF ACADEMIC DISHONESTY MAY BE REPORTED FOR PURPOSES OF DOCUMENTING THE TRANSGRESSION ON YOUR STUDENT RECORD.

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:

All forms of electronic communication devices must be out of sight and in the power-off mode for class and testing periods. During testing periods, any use of a personal electronic communication device, without the prior consent of the instructor constitutes prima-facie evidence of academic dishonesty with no right of grade appeal. If the instructor observes the device, the presumption is that cheating has occurred and a grade of “F” (zero) will be assigned for that examination. (If upon investigation of your record it is found that you have been caught cheating before, then additional penalties may apply.)

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:**

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<tr>
<th>Event</th>
<th>Date</th>
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<tr>
<td>First Day of Class:</td>
<td>Wednesday, August 9th</td>
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<td>Drop Ends:</td>
<td>Friday, August 11th</td>
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<td>Last Day to Withdrawal with W:</td>
<td>Friday, September 29th</td>
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<td>Last Day of Class:</td>
<td>Friday, December 1</td>
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<td>Final Exam Period:</td>
<td>December 2-8 (see The Scoop for specific times)</td>
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<td>No classes:</td>
<td>Monday, September 4th (Labor Day)</td>
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<td>Thursday, October 5th (Fall Break)</td>
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<td>Friday, October 6th (Fall Break)</td>
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<td>November 20th-24th (Thanksgiving)</td>
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