

MATH 1001 - Quantitative Skills and Reasoning

TTh 12:30pm - 1:45pm CALLAWAY 120

TTh 3:30pm - 4:45pm Boyd 306

Hours Credit: 3 hours

Prerequisites: None

COURSE INSTRUCTOR

Instructor: Irina Pashchenko

Office: Library #311

Email: ipashche@westga.edu

Phone: TBD

OFFICE HOURS: In my office MW 12:45 pm-1:30 pm, TTh 5:15 pm-6:00 pm
In the Math Tutoring Center (Boyd 205) TTh 2:15 pm-2:45 pm

REQUIRED COURSE MATERIALS

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

You are required to have a MyMathLab account, which includes an electronic version of the textbook.

Courses 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 using the following methods:

Homework

All homework assignments will be completed online through the companion website using *MyMathLab* (MML). Be sure to understand all problems and be able to show all steps in the solutions. Homework is due by the chapter exam and will not be available afterward. The Course ID is printed in the MyMathLab instruction that will be provided by me.

Tests

There will be four in-class tests. All tests will be taken during the regular class time in the regular classroom. Books and notes will not be allowed on any tests. Missed tests will receive a grade of 0. The lowest test grade will be dropped. **THERE WILL BE NO MAKE UPS.** We will have a review session before each test.

Final Exam

There will be a comprehensive final exam at the end of the semester given in the regular classroom. The exam will be given on Thursday December 13th.

11:00am – 1:00pm for the class that meets TTh 12:30pm – 1:45pm.

2:00pm – 4:00pm for the class that meets TTh 3:30pm – 4:45pm.

ASSESSMENT GRADING:

<i>MyMathLab</i> Homework	30%
Exams	45%
Comprehensive Final	25%

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. A calculator, which is a part of your cell phone, iPod, or any other electronic devices will not be allowed. You are not allowed to share calculator with any other party in your class during any in class tests or exams unless permitted by your instructor.

Grading Scale:

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

OTHER COURSE INFORMATION

Students are expected to come to class and be "present". If you come to class to sleep, be disruptive, or use your phone, you may be asked to leave. It is the student's responsibility to catch-up on any missed material. It is your responsibility to get notes from your classmates.

COURSE POLICIES AND INFORMATION

University Policies and Academic Support

For important policy information, i.e., the UWG Honor Code, Email, and Credit Hour policies, as well as information on Academic Support and Online Courses, please review the information found in the Common Language for Course Syllabi documentation. 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.

https://www.westga.edu/academics/assets/docs/Common_Language_for_Course_Syllabi.pdf

Academic Honesty

Any form of academic dishonesty will result in a failing grade for the assignment for the first offense (students will not be able to replace this grade). A second offense will result in a failing grade for the course. All forms of academic dishonesty will be reported.

NOTE: ALL FORMS OF ACADEMIC DISHONESTY SHOULD BE REPORTED AND THE STUDENT NOTIFIED.

Definitions of academic dishonesty are defined in the student handbook:
www.westga.edu/handbook/

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. Respect and courtesy are required of all students while in the classroom. The following is also mandatory:

- 1) Cell phones and laptops will not be permitted in class, unless prior arrangements have been made with the instructor (emergencies, disabilities, etc). Continued use of cell phones/laptops will result in your dismissal of class.
- 2) Students are required to be courteous to others and the instructor. If a student is being disrespectful or disruptive, they will be asked to leave.

On campus resources:

Math Tutoring Center: Located in Boyd 205, MTC has a number of computers and some math tutors who can help you in studying math courses.

Class Schedule:

08/16/18	INTRO
08/21/18	1.1/1.2
08/23/18	1.3/2.1
08/28/18	2.2
08/30/18	2.3/2.4
09/04/18	2.5
09/06/18	Review
09/11/18	TEST1
09/13/18	3.1
09/18/18	3.2
09/20/18	3.3
09/25/18	3.4
09/27/18	Review
10/02/18	TEST2
10/09/18	8.1/8.2
10/11/18	8.3
10/16/18	8.4
10/18/18	8.5
10/23/18	Review
10/25/18	TEST 3
10/30/18	11.1/11.2
11/01/18	11.3
11/06/18	11.4
11/08/18	11.5
11/13/18	Review
11/15/18	TEST 4
11/27/18	12.1/12.2
11/29/18	12.3
12/04/18	12.4
12/06/18	Review

IMPORTANT DATES:

First Day of Class: Wednesday, August 15
Drop Ends: Friday, August 17
Last Day to Withdrawal with W: Monday, October 8
Last Day of Class: Thursday, December 6
Final Exam Period: December 10-13 (see The Scoop for specific times)

No classes: Monday, September 3 (Labor Day)
Thursday October 4 and Friday October 5 (Fall Break)
Monday November 19- Friday November 23 (Thanksgiving)