

**University of West Georgia**  
**DEPARTMENT OF MATHEMATICS**  
**Quantitative Skills and Reasoning**  
**MATH 1001 – Sec 07 – 3 Credit Hours**

Instructor: Mr. Robert Burnham  
Email: [rburnham@westga.edu](mailto:rburnham@westga.edu) Classroom: 1301 TLC  
Office: 113 Boyd Building, in Carrollton Class time: TTh 8 – 9:15 am  
116 Newnan Center, in Newnan  
Phone: Office Hours: MW : 9 – 10:30am, Newnan Office  
TR : 11am – 12:30pm, Carrollton Office  
Other Times by Appointment

**Required Text:** *Thinking Mathematically*, 6<sup>th</sup> edition by Blitzer; from Pearson Publishers.

**Additional Required Materials:** A calculator and a notebook.

**MyMathLab:** All students in this course are required to have a MyMathLab Account. Go to [www.MyMathLab.com](http://www.MyMathLab.com) to purchase an account. The courseID for this section is **burnham26934**

**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 Precalculus or the Calculus sequences for mathematics and science majors. This course places quantitative skills and reasoning in the context of experiences that students will be likely to encounter. The course emphasizes processing information in context from a variety of representations, of both the information and the processing, and understanding which conclusions can be reasonably determined.

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**COURSE OUTLINE**

Upon successful completion of this course, students will demonstrate:

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.

**EXPECTATIONS / REQUIREMENTS**

**Grade :**

Your grade will consist of 4 tests (12.5% each), Homework/In-Class Assignments (25%), and a cumulative Final Exam (25%).

**ASSESSMENT GRADING:**

$$\text{Course Grade} = .25*(\text{Hw/In-Class Assignments})+.125*\text{Test1} + .125*\text{Test 2} +.125*\text{Test 3}+.125*\text{Test4} +0.25*(\text{Final Exam})$$

**When computing your Final Course Grade I will replace your lowest test grade with your Final Exam Grade, if the Final Exam Grade is higher than your lowest test grade.**

**In the event of academic dishonesty the student forfeits this benefit.**

**Grading Scale :**

Letter Grade	A	B	C	D	F
Grading Scale	90% to 100%	80% to 89%	70% to 79%	60% to 69%	0% to 59%

**Calculator Policy: The instructor reserves the right to when you are allowed to use Calculators on in class graded assignments.**

**Homework/In-Class Assignments :**

Homework Assignments will be completed through MyMathLab. There will be assignments due roughly every week. If time permits, there will be some In-Class Assignments. Homework plays an intricate role in succeeding in any math course and acts as a means of studying mathematics. Students who do not complete homework, do not perform well.

**Tests:**

There will be 4 tests and a comprehensive final exam. I will announce (in class) the exact dates for each test at least one week prior to said test.

**Final Exam:**

The Final Exam will be given on **Tuesday, Dec 11<sup>th</sup> from 8-10am** in our regular classroom.

**Make-up Policy:**

In the event of a student missing a Test for any reason, I will allow the final exam grade to replace that missing test grade.

**Withdrawal Policy: The last day you can withdraw from this course is Monday **Oct 8th, 2018.****

**Attendance: There is no attendance policy in this class. But you must come to class to success. Please do not arrive late or leave early.**

**Questions about grading: Questions about grading must be asked within one week of the graded works return.**

**University Closures: If the University is closed due to weather or for any other reason, any test, quiz, or graded assignment that may have been scheduled for that date will be administered on the next available class date. If an assignment is due that day, it will be due the next class.**

**UWG EMAIL POLICY:** University of West Georgia students are provided a MyUWG e-mail account. The University considers this account to be an official means of communication between the University and the student. The purpose of the official use of the student e-mail account is to provide an effective means of communicating important university related information to UWG students in a timely manner. It is the student's responsibility to check his or her email.

**CourseDen:** Course materials will be posted on CourseDen. Please check CourseDen often for updates. You may log in to CourseDen at [www.westga.edu](http://www.westga.edu) or <http://webct.westga.edu>. If you are having problems logging into CourseDen, please go to <http://uwgonline.westga.edu/students.php> or call 678-839-6248

**Accessibility Services:**

Students with a documented disability may work with UWG Accessibility Services to receive essential services specific to their disability. All entitlements to accommodations are based on documentation and USG Board of Regents standards. If you need course adaptations or accommodations because of a disability or chronic illness, or if you need to make special arrangements in case the building must be evacuated, you should notify me in writing and provide a copy of your Student Accommodations Report (SAR), which is available only from Accessibility Services. I cannot offer accommodations without timely receipt of the SAR; further, no retroactive accommodations will be given. For more information, please contact Accessibility Services.

**Math Tutoring Center (MTC):** The Math Tutoring Center is located in 205 Boyd is available for any student who needs help. No appointments are necessary for the MTC. There are computers available in the MTC so students can get help with online assignments as well as homework assignments. The MTC is scheduled to open starting the second week. The hours for the MTC this semester are:

MW: 9am-8pm

TR: 9am-7pm

F: 9am-3pm

**Center for Academic Success:** The Center for Academic Success provides services, programs, and opportunities to help all undergraduate students succeed academically. For more information, contact them: 678-839-6280 or [cas@westga.edu](mailto:cas@westga.edu)

**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.

**Cell Phones/Laptops:**

You are expected to give your full, undivided attention while class is in session. Turn off or do not bring electronics that will distract you and the class. Electronic devices are not to be used during the lecture, unless permitted by the instructor.

## **COURSE POLICIES AND INFORMATION:**

### **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](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.

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 at [http://www.westga.edu/assetsDept/vpaa/Common\\_Language\\_for\\_Course\\_Syllabi.pdf](http://www.westga.edu/assetsDept/vpaa/Common_Language_for_Course_Syllabi.pdf).

### **Academic Dishonesty:**

All students of the University of West Georgia are expected to follow the Honor Code as described in the student handbook (<https://www.westga.edu/administration/vpsa/assets/docs/2016-2017-student-handbook.pdf>). Any student who commits academic dishonesty will receive the following penalties.

1. For a first charge of academic dishonesty the student will receive a grade of "0" for said assignment. In the event of academic dishonesty the final exam grade will not replace your lowest test grade if it is higher.
2. For a second charge of academic dishonesty the student will receive a grade of "0" for the course.

Note that all incidents of academic dishonesty will be reported to the University.

### **IMPORTANT DATES:**

#### **First Day of Class:**

Wednesday, August 15th

#### **Drop Ends:**

Friday, August 17th

#### **Last Day to Withdrawal with W:**

Monday, October 8th

#### **Last Day of Class:**

Friday, December 7

#### **Final Exam Period:**

December 8-15 (see The Scoop for specific times)

#### **No classes:**

Monday, September 3<sup>rd</sup> (Labor Day)

Thursday, October 4<sup>th</sup> (Fall Break)

Friday, October 5<sup>th</sup> (Fall Break)

November 19<sup>th</sup>-23<sup>rd</sup> (Thanksgiving)

**\*\*Note\*\*** This syllabus provides a general plan for the course; deviations may be necessary