MATH 1001 Section N01 – Quantitative Skills and Reasoning

**Hours Credit:** 3 hours

**Prerequisites:** None

**COURSE INSTRUCTOR**
**Instructor:** Mr. Kyle Carter
**Office:** Boyd 104 - D
**Email:** kylec@westga.edu
**Phone:** 678-839-5134

**OFFICE HOURS:**
Boyd 104 – D: Tuesday 1:30 pm – 2:00 pm and 4:30 pm – 7:30 pm  
Thursday 1:30 pm – 2:00 pm and 3:30 pm – 7:30 pm
Boyd 205 (Math Tutoring Center): Tuesday 3:30 pm – 4:30 pm

**REQUIRED COURSE MATERIALS**

**TEXT AND OTHER REQUIRED COURSE MATERIALS.**

**TEXT:** *Thinking Mathematically, by Blitzer (Pearson).* An eBook version of the text is included in your MyMathLab subscription, so you don’t have to purchase the book separately.

**MYMATHLAB:** Students are required to have a MyMathLab Subscription to complete this course. Go to http://www.pearsonmylabandmastering.com/northamerica/mymathlab/ to register and purchase an account. The course code for this section is carter84513

**CALCULATOR:** A calculator is required for this course.

**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 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.

**Learning Outcomes**
Students should be able to 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.
COURSE ASSESSMENT

Students’ mastery of course learning outcomes will be assessed using the following methods:

Discussion/Participation: This portion of your grade will be assessed in the form of Weekly Check-Ins. Every week, you should post in the Weekly Check-In discussion board in CourseDen. The Weekly Check-Ins are due every Monday (unless Monday is a holiday) and just require you to write two sentences about anything just to check in.

Homework through MyMathLab: This portion of your grade is based on your completion of homework for each section through MyMathLab. Each section contains a homework set with problems that can be attempted as many times as you want. MyMathLab has a “help me solve this” feature that will walk you through how to solve the problem if you are having trouble. Every week there will be a homework for each section we cover.

Quizzes through MyMathLab: This portion of your grade will assess your understanding of what you learn each week. You will have one quiz per week (three attempts at each quiz), and they will be completed in MyMathLab. The quizzes will be representative of the homework questions you work on for each section, so it is best to work through the homework first so that you will be as prepared as possible.

Online Tests in MyMathLab: There will be 4 Online Tests that will be completed in MyMathLab. You will have one attempt per Online Test, and they will only be available for a couple of days each. The dates are posted in the Calendar in CourseDen, and I will remind you when we approach those dates.

Proctored Final Exam: There will be one Proctored Final Exam at the end of the semester. You will need to sign up to take the Exam at the testing center at UWG or another authorized testing center. Instructions will follow through CourseDen.

GRADE BREAKDOWN

<table>
<thead>
<tr>
<th>Component</th>
<th>Percentage</th>
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</thead>
<tbody>
<tr>
<td>Discussion/Participation</td>
<td>5%</td>
</tr>
<tr>
<td>Homework</td>
<td>10%</td>
</tr>
<tr>
<td>Quizzes</td>
<td>10%</td>
</tr>
<tr>
<td>Online Tests</td>
<td>50% (12.5% each)</td>
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<tr>
<td>Proctored Final Exam</td>
<td>25%</td>
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</tbody>
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ASSESSMENT GRADING:

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

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

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.

Academic Honesty
While some parts of this course may be completed in groups (such as the Homeworks), the Quizzes and Online Tests are meant to be completed alone, without the help of any other person. Any serious form of academic dishonesty will be reported to the University. 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/discussion board.