

University of West Georgia
MATH 1001: Quantitative Skills and Reasoning
Spring 2015
Course Syllabus

Instructor: Dr. Christopher Jett

Office: 322 Boyd Building

Class Location: 304 Boyd Building

Office Hours: M/W/F 10–12; M/W 3:30–4:30

E-mail: cjett@westga.edu

Phone: (678) 839-4130

Class Meeting: M/W/F 1–1:52 p.m.

University Policy:

Please carefully read and review the important information at the following link: [http://www.westga.edu/assetsDept/vpaa/Common Language for Course Syllabi.pdf](http://www.westga.edu/assetsDept/vpaa/Common%20Language%20for%20Course%20Syllabi.pdf). This link contains material pertaining to your rights and responsibilities as a student in this class. Because these statements are updated as federal, state, university, and accreditation standards change, please carefully review the information each semester.

Course Description:

This course is for students needing practical, comprehensive instruction, with a focus on life applications, college level study abilities, and clear understanding of mathematics for additional coursework, careers and everyday living.

Catalog 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 sequence 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.

Required Textbook:

Blitzer, R. (2014). *Thinking mathematically* (6th ed.). Boston, MA: Pearson Addison-Wesley.

Student Learning Objectives:

The students should be able to do the following:

- Strengthen their understanding of mathematical ideas.
- Use appropriate mathematical vocabulary, language, symbols, etc.
- Apply mathematical methods and use mathematical models to solve authentic problems.
- Reason quantitatively and employ quantitative skills to critique mathematical arguments.
- Demonstrate their conceptual understandings of mathematical ideas through writing.
- Understand mathematics literacy and the implications associated with it.
- Develop a deeper understanding of the pervasiveness of mathematics in college, career fields, and everyday life.

Attendance Policy:

It is my expectation that you will attend every class session and be punctual. Class participation entails being an active participant to your respective learning community. In the event of an absence, you are expected to get the materials and information relevant to the missed class from your peers. There are only 5 unexcused and excused absences allowed this semester. If you exceed 5 absences, you will fail the course. Please note that it is your responsibility to sign the attendance sheet during each class period.

Instructional Methods and Activities:

During class sessions, a variety of pedagogical strategies will be employed to engage students in the mathematics teaching and learning dynamic. Students are expected to be professional and to be active participants in class activities, mathematics tasks, learning designs, etc.

Evaluation Techniques:

Tests: 4 @ 115 Points Each

“Mathematics in my Field” Brochure: 90 Points

Quizzes: 5 @ 20 Points Each

Homework: 4 @ 25 Points Each

Final Examination: 250 Points

Total – 1000 Points

Information about Course Assignments:**Mathematics in my Career Field Brochure**

This brochure must align with your major/career aspirations. You must bring four copies of your brochure to class in addition to submitting it in Desire2Learn/Course Den by Friday, April 10, 2015 by 1:00 p.m. A rubric concerning the specifics of this assignment will be forthcoming.

Exam Dates:

Test 1 is scheduled for Wednesday, January 28, 2015; Test 2 is scheduled for Friday, February 20, 2015; Test 3 is scheduled for Friday, March 13, 2015; and Test 4 is scheduled for Monday, April 13, 2015. The final examination is scheduled for Wednesday, April 22, 2015 from 11:00 a.m.–1:30 p.m.

Other Important Dates:

There will be no class on Monday, January 19, 2015 in observance of the Dr. Martin Luther King, Jr. Holiday. There will be no class on Friday, March 27, 2015 in observance of UWG’s MATH Day. Additionally, there will be no class on Friday, February 13, 2015 and Friday, March 6, 2015 as the professor will be away at a conference.

Grading Scale:

A: 1000–900 Points

D: 699–600 Points

B: 899–800 Points

F: Below 600 Points

C: 799–700 Points

Class Policies and Procedures:

1. Students are strongly encouraged to visit the Math Tutoring Center located in room 205 of the Boyd Building in the event that mathematical assistance is needed.
2. Homework must be completed by the scheduled test dates in MyMathLab; the MyMathLab code for this course is jett39511. Please register at the following site: <http://www.pearsonmylabandmastering.com/northamerica/students/get-registered/index.html>. If problems occur when seeking to enroll in MyMathLab, please call 1-800-677-6337.
3. There will be no make up for quizzes under any circumstances.
4. Late work is accepted with a 50% penalty for one late assignment. Please note that only one assignment can be submitted late. Other late submissions above the allotted one will result in a grade of zero.
5. If a student must miss a test and has excused documentation, then the final examination will be used for the missed test in the calculation of the final course grade.
6. Calculators can be used during the final exam; however, cell phones may not be used (even as calculators).
7. In an effort to respect the learning process, please make certain that cellular phones are placed on vibrate or silent during class time.
8. Cheating is not tolerated. If a student is caught cheating, then the student will receive a zero for the test or assignment and will be reported for academic dishonesty.
9. Conferences can be beneficial and are encouraged. All conferences should occur during office hours.
10. Office hours will not be kept during final exam week. Please schedule an appointment to meet during that week if necessary.

Mathematics Concepts Covered

Algebraic Concepts	Number Theory
Consumer Mathematics	Probability Theory
Counting Methods	Problem Solving
Financial Management	Quantitative Skills
Graphs	Set Theory
Logic	Statistics