QUANTITATIVE SKILLS AND REASONING
MATH 1001
CRN 81800
Fall 2019
T R 11:00 AM — 12:15 PM NURSING BUILDING 121

Instructor: Malcom Devoe
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Office Hours: MTWR 1:45 PM — 2:45 PM, or by appointment

Textbook: "Thinking Mathematically, 6th ed." by Robert Blitzer, Pearson.
    MyMathLab Course ID: **devoe78903** (required for online access)

Course Requirements: This course requires a MyMathLab access code to complete any homework or quiz assignments that are on the course website. At the UWG bookstore, all new books come bundled with an access code. All access codes come with an online (electronic) book; if you do not require a hardcopy of the book, you may elect to purchase a stand-alone access code. This can be purchased for approximately $108.00 at coursecompass.com.

To register for MyMathLab or access course website, you will need:

1) MyMathLab access code.
2) Course ID which is **devoe78903**

How do I register for my course?
Please go to the website: http://www.pageturnpro.com/Pearson-Education/41390-MyMathLabMyStatLab-Student-Interactive-Training-Guide/default.html#page/1. It will walk you through the process step by step (See the links at the bottom of the webpage-they will give you a video tutorial to either register with an access code that came with your new book purchase or with a stand-alone access code.)
***NOTE: When you register for the course on MyMathLab,
1) You are **expected** to use your **UWG EMAIL**.
2) UWG's zip code is **30118**.

Course Homepage: The course homepage is located at https://www.pearsonmylabandmastering.com/northamerica/. The book comes with supplementary online material under the name "MyMathLab". Follow the instruction to access the online material. This is a very important constituent of the course since you will be doing your homework assignments, quizzes, and exams through this system

IMPORTANT NOTES:
1) Unfortunately MyMathLab does not run MathXL player on Macintosh. This software is necessary to complete homework and quizzes online. If you own a Mac, it is recommended to complete your work on a PC on campus. Additionally, programs such as Virtual PC, Boot Camp, Parallels, or Fusion, will allow you to run Windows in the Mac environment. In order to this, you will need one of these programs as well as a copy of Windows OS.

2) Since the University of West Georgia does not support MyMathLab nor CourseCompass (Pearson Education-the publisher of the textbook supports this software), it is the responsibility of the student to use the resources above to resolve all technical issues independently of the University. University

of West Georgia and its faculty are not responsible for outcomes due to individual technical issues, nor scheduled MML and course Compass downtime. It is expected that the student will be responsible for completing his/her work in a timely fashion to alleviate any pressure from scheduled downtime.   All students will be notified of these downtimes through the announcements page of the course

3) MyMathLab includes live tutor support available from 5pm to midnight, Sunday through Thursday. The toll free phone number is 1-888-777-0463.

4) MyMathLab Technical Assistance for Students: 1-800-677-6337.

Course Description: This course is a general overview of mathematical concepts used in quantitative reasoning and is not intended to supply sufficient algebraic background for students who intend to take Precalculus or the calculus sequences for the mathematics and science majors. This course places quantitative skills and reasoning in the context of experiences that students will be likely to 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.

Course Content:

    I. Problem Solving and Critical Thinking
   II. Set Theory
  III. Logic
  IV. Consumer Mathematics and Financial Management
   V. Counting Methods and Probability Theory
  VI. Statistics
 VII. Algebra Equations and Inequalities
VIII. Algebraic Graphs, Functions, and Linear Systems
  IX. Geometry

*** Not necessarily in this order. The Chapters or sections will be announced. This course syllabus provides a general plan for the course; deviations may be necessary.*

Homework: There will be online assignments for each section of the book.   The homework will be graded before each quiz and exam day. Problems will be discussed in class. It expected that homework will be done on a timely basis, at least several times a week. **It is virtually impossible to learn the material without doing the homework on a regular basis. It is your responsibility to do the homework and to ask questions about it if you do not understand whether or not you have done it correctly.** You are responsible for all material covered in class, whether or not you attended this class.

Team Competitions: There will be three team competitions during the last 20 minutes of class. Each competition consists of problems similar to in-class problems and the homework. The purpose of these competitions is to take attendance and to keep you up-to-date in the course. *Make-up competitions will not be given*, except when special conditions exist.

 Quizzes: There will be online quizzes. Each quiz consists of problems similar to the in-class problems and the homework. As soon as a quiz or an assignment is announced and posted on the course homepage, start it immediately. To take a quiz you must have scored 80 % or higher on the homework assignment. You will have a certain amount of time to finish the quiz.   Quizzes are normally given week before the test. Quizzes will be graded on each test day.

Exams: There will be three one-hour in-class exams and one comprehensive final exam. All hourly exams will be taken during the regular class time in the regular classroom. Books and notes will not be allowed on any tests.   Missed exams 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 hour exam.

Calculator Policy: You will be free to use any STAND ALONE calculator (i.e. NOT a part of your cell phone/ipod/pager, etc) or any graphing calculator, but don't forget that you will be asked to provide full working for many questions in your tests and the final. You are not allowed to share calculator with any other party in your class during any in class quiz or exam unless permitted by your instructor.

Team Competition dates: 9/12, 10/12,11/14
Exam dates: 9/19, 10/24, 11/21
Final Exam: Tuesday, December 10 11am – 1pm

Grading: Homework: 15 %
                Quizzes/Team Competitions: 20 %
                Tests: 35 %
                Attendance: 5 %
                Final Exam: 25 %

Grading Scale: 90% - A; 80% - B; 80%; 70% - C; 60% - D; 0%-F

Materials Needed:
3-Ring Binder with notebook paper
Scientific Calculator (suggest at least TI-30X) or Graphing Calculator (suggest at least TI-84)
TI-89 and other equivalent calculators will not be allowed

Attendance: Regular attendance is required (see University policy in the General Catalog), and you are expected to come to class on time. Roll will usually be taken at the beginning of class by sign-up sheet; it is your responsibility to sign the sheet. If you are late, and sign-up sheet has already been collected, see the instructor after class. Anyone who is absent for 6 days or more without prior arrangement may be withdrawn by the instructor for excessive absences or may receive a failing grade.

Disruptive Behavior: Behavior that disrupts the classroom learning environment will not be tolerated. Such behavior includes talking during class, use of cellular phones or other electronic devices during class and violent or abusive speech (see University policy in the General Catalog). Student exhibiting such behavior will be removed from the class, and/or be withdrawn from the course with a grade of WF, and/or receive more serious penalties specified in University policies or state law.

Plagiarism: All work should be done independently by the student submitting it; deviation from this requirement is grounds for a failing grade and notification of the Dean of Students.

Last Day to Withdraw without grade of "WF": Wednesday, Oct 9
If you withdraw from this class on or before W-day (9 Oct 2019), you will receive a W for the class regardless of your performance provided that you have not exceeded your 6 withdrawals. If you do a withdraw after this date, you will receive a WF if your average is not 70 or higher

NOTE: The overall average in your MML grade-book may be incorrect. You should calculate your overall average according to the statement in the syllabus. Please note that your homework average and quiz average are correct only after unattended work has been assigned a zero. After you have purchase the access code from the bookstore, please review the instructions at the following website to register: http://www.coursecompass.com/html/student_how_to_register.html

Academic assistance at UWG:
  a.   Visit the Math Tutoring Center 205 Boyd Building (phone: 678-839-4140)
  b.   Visit the Center for Academic Success for learning assistance, test anxiety classes, and student support services in Room 204 of the University Community Center (UCC) (phone: 678-839-2472) https://www.westga.edu/student-services/cas/academic-coaching.php.

c. Visit the Center for Academic Success (phone: 678-839-6280) located in Room 204 of the University Community Center (UCC) for supplemental instruction and tutoring. https://www.westga.edu/student-services/cas/tutoring.php

Students, please carefully review the following information at this link https://www.westga.edu/administration/vpaa/common-language-course-syllabi.php. It contains important material pertaining to your rights and responsibilities in this class. Because these statements are updated as federal, state, university, and accreditation standards change, you should review the information each semester.

EXAMPLE OF FINAL GRADE COMPUTATION:
　　　Homework: 90
　　　In Class Attendance: 100
　　　Quiz Average: 78
　　　Test Grades: T1 = 88, T2 = 72, T3 = 0 (missed), T4 = 68
　　　Final Exam: 74
　　　Final Grade:　　.15*90 + .05*100 + .2*78 +.35*(88 +72+ 68)/3 + .25*74 = 79.2

Keys to Success in this Course

1. Do all the assignments yourself. Getting help from me, or another student is fine, but NEVER just copy someone else's work.
2. ALWAYS copy the problem before working it. (Exception: word problems.)
3. ALWAYS show your work. Turning in a list of answers is not acceptable and a waste of your time. (Exception: problems meant to be done mentally--I'll let you know.)
4. WRITE DOWN everything I do on the overhead.
5. Make sure you understand what I'm talking about. If you don't, ask me to please go over it again.
6. Make sure you are able to do assignment problems WITHOUT looking at a "model" or "sample" problem. You may need a model for the first few problems, but try to get beyond the need for it quickly. (This is a critical step for doing well on tests.)
7. Check all odd numbered problems with the answers in the back of the book AFTER you have completed the problem on your own. If you missed it, figure out why you missed it.
8. Before each test, try to work some of each type problem that is being covered. Be able to do them WITHOUT a model. There will be no model on the test!
9. Keep an excellent folder.
10. Come see me during office hours or go to the MAC Lab if you find an assignment especially difficult. If you are having problems, TELL ME ABOUT IT!
11. Learn to PAY VERY CLOSE ATTENTION TO DETAILS. In mathematics you must learn to pay attention to every letter, every minus sign, every parenthesis, etc. Many students lose lots of points because of carelessness and inattention to detail!