

Syllabus Math 106-002, Quantitative Reasoning

Instructor: Nacir Hmidouch

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Office Hours: T-Th 10-11am

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Textbook: Mathematical Ideas, by Miller, Hereen and Hornsby, 13th edition, ISBN: 9780321977076.

Calculators: You will need a Scientific Calculator for the course.

The textbook bundled with a MyMathLab access code can be purchased in the campus bookstore.

Alternatively, the ebook and MyMathLab access code which will provide access to a digital version of the text and the on-line tools can also be purchased online (<http://www.mymathlab.com>). It is strongly recommended that you purchase the physical text as most students are more successful using a physical book.

Course Description: This course meets the quantitative reasoning requirement, one of the Foundation requirements of the University General Education program. The goal of the Foundation requirement is to help ensure that students are equipped with the tools and techniques necessary to succeed in college and throughout their lives and careers.

The learning objectives for this requirement are: 1. Students are able to interpret quantitative information (i.e., formulas, graphs, tables, models, and schematics) and draw inferences from them. 2. Given a quantitative problem, students are able to formulate the problem quantitatively and use appropriate arithmetical, algebraic, and/or statistical methods to solve the problem. 3. Students are able to evaluate logical arguments using quantitative reasoning. 4. Students are able to communicate and present quantitative results effectively.

Homework: We will be using MyMathLab for online homework, and practice exercises from the textbook. The course ID: **hmidouch74456**

MyMathLab is a powerful online, homework, tutorial and assessment system that accompanies your new textbook. Students can take assessments and receive personalized study plans based on their results. The study plan diagnoses weaknesses and links students to tutorial exercises for

objectives they need to study. In many cases students can also access video clips, PowerPoint presentations, and other animations for each section and from selected exercises.

MyMathLab is NOT a program operated by GMU. If you are experiencing technical difficulties using the program, then you can email or "chat" with Customer Support directly through the Pearson Education Customer Service website. Go to <http://247pearsoned.custhelp.com> for more information. Help is available 24 hours a day, seven days a week. You could also call the Pearson Customer Service and **Technical Support number at 800-677-6337**.

Grading: The grade will consist of quizzes, homework, three tests, and a cumulative final exam.

- Three tests: 300pts (100pts for each test)
- Online homework: 100pts
- Quizzes: 80pts
- Final Exam: 120pts

The sum of these grades divided by 6 will determine your grade according to the scale:

Scale: A-:90-92, A:93-96, A+:97-100; B-:80-82, B: 83-87, B+:87-89; C:70-76, C+:77-79; D:60-69 F:0-59

Class tests: The Class Tests will be scheduled as follows

Test 1: Wednesday Sep 25th

Test 2: Wednesday Oct 23th

Test 3: Monday Nov 25th

Final exam: It will be a cumulative exam, held on Wednesday Dec 11th from 10:30am - 1:15 pm

Make-up Exams: If you are unable to be in class on the day of a test you must notify me beforehand (in person or by-mail) to make arrangements for a make-up test. The make-up test will be different and more difficult than the in-class test. Makeup exams will only be given to students with an acceptable excuse. All absences require documentation.

Make-up Quizzes: Makeups will not be given for quizzes. I will drop the lowest two quiz grades, including any of the quizzes which you miss.

Disability statement: If you are a student with a disability and you need academic accommodations, please see me and contact the Office of Disability Resources at 703.993.2474. All academic accommodations must be arranged through that office.

Tutoring Center: The Math Tutoring Center is located in the Johnson Center Room 344. Help is available on a walk-in basis. For hours of operation see <http://math.gmu.edu/tutor-center.php>

University Honor Code: You are expected to follow the GMU Honor Code <http://oai.gmu.edu/the-mason-honor-code/>