

Math 109 – 006 3 hrs. credit
MWF 10:20 – 11:15
TCCW 308

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General Information:

Welcome to General Mathematics. This course provides an introduction to Algebra, Geometry, Consumer Mathematics, Probability, and Statistics. Math 109 will give you an opportunity to appreciate the power and scope of mathematics. This course satisfies the category D – 2 general education requirement but will **not** serve as preparation for algebra courses such as Math 116 or Math 118.

Prerequisite:

Three years of high school mathematics. Credits in Algebra and Geometry will be helpful as will a basic understanding of the use of a scientific or graphing calculator.

MATH 109 SYLLABUS

TEXT: Mathematical Ideas (10th Edition expanded)
Miller, Heeren, Hornsby; Pearson/Addison Wesley 2004

Instructor chooses sections from Chapters 9, 14, 12, 13; the Chapter 7 sections are required. Topics from other chapters (e.g. problem solving, sets, logic, voting, counting, consumer mathematics) may also be included.

Chapter 7: Basic Concepts of Algebra
Section 7.1
Section 7.2
Section 7.4
Chapter 9: Geometry
Chapter 14: Consumer Mathematics
Chapter 12: Probability
Chapter 13: Statistics

Attendance:

Attendance is mandatory. If a student is absent, he or she must contact me and make arrangements to make up any missed work **prior to the next class period**. Any student who misses more than **(3)** class meetings should officially withdraw or expect a failing grade for the semester. This is a departmental policy and there are no exceptions.

Exams:

There will be three exams and a comprehensive final. The dates are listed below.
Exam I: Friday, Feb. 9
Exam II: Wednesday, Mar. 7
Exam III: Friday, Apr. 13
Final Exam: Friday, May 11, 10:30 – 12:30
The drop date is Friday Mar. 9.

Homework and Quizzes:

Homework will be assigned daily and may be taken up occasionally and without warning. Do your work every night. This will be a fast paced course and the only way for you to succeed is to keep from failing behind. Sometimes, we might do special assignments in class as well. If you have troubles with an assignment or problem make use of my office hours, contact me by phone or email, or ask questions in class. If I did not enjoy talking to students, I would not teach for a living. On the days that I choose to take up the homework I will do so prior to answering questions, so try to come to class with your work completed. There is also free tutoring in the mathematics lab (TCCW 125A) every weekday.

Every day I will make out a 5 minute **quiz** from the homework assigned two days previously. Occasionally and again without warning I will give this quiz. It may also be given before I answer any questions. Always be prepared.

Academic Support:

If your Math ACT score is below 18, the CPE requires that you meet with me weekly for assistance with coursework. Failure to do so will count as an absence as will leaving these special sessions early. Recall that you are only allowed three absences. I will provide additional information on academic support policies in a subsequent document.

Grading Procedure:

Your grade will be determined as follows.

Exams: 50%

Homework and Quizzes: 30%

Final Exam: 20%

Exams or assignments other than the final may be taken early provided that I am notified ahead of time.

Student Disability Services

In compliance with university policy, students with disabilities who require accommodations (academic adjustments and/or auxiliary aids or services) for this course must contact the Office for Student Disability Services in DUC A-200 of the Student Success Center in Downing University Center. The Phone number is 745-5004.

Please **DO NOT** request accommodations directly from the professor or instructor without a letter of accommodation from the Office for Student Disability Services.