

Math 107
College Algebra And Quantitative Reasoning

Text: *Mathematics in Action: Algebraic, Graphical, and Trigonometric Problem Solving, (Third Edition)*, Addison-Wesley, 2008

Course Goals: Upon completion of this course, the student will be able to:
Analyze functions that are represented numerically, graphically, symbolically, and verbally
Solve equations, inequalities, and systems both symbolically and graphically
Communicate mathematical ideas in both written and verbal form.

Prerequisites: ACT score of at least 19; Placement in MATH 107 by the Mathematics Department Placement Exam; or MATH 92 with a grade of C or better. **TI-83 or TI-84 Graphics Calculator is required.**

Week	Section and Topic
1	Sections 1.1, 1.2
2	Sections 1.3, 1.4, 1.5
3	Sections 1.6, 1.7, 1.8
4	Section 1.9, Review and 1.10, Test 1 (1.1-1.9)
5	Sections 1.11, (skip 1.12) 1.13, 1.14
6	Sections 1.15, 2.1, 2.3 (skip 2.2)
7	Sections 2.4, Review and 2.5, Test 2 (1.10-2.4, skip 1.12 and 2.2)
8	Sections 2.6, 2.7, 2.8
9	Sections 3.1, 3.2, 3.3
10	Sections 3.5, 3.6 (skip 3.4)
11	Review and 4.1, Test 3 (2.5-2.8, 3.1-3.6, skip 3.4), Section 4.2
12	Sections 4.3, 4.4
13	Review for final exam (possible Test 4 on Chpt. 4 if needed)

Emergency Evacuation Procedure: A map of this floor is posted near the elevator marking the evacuation route and the **Designated Rescue Area**. This is an area where emergency service personnel will go first to look for individuals who need assistance in exiting the building. Students who may need assistance should identify themselves to the teaching faculty.

Last updated 20 January 2010.