

# Syllabus - Math 101 Section 9 Fall 2007

**Instructor:** Dr. James Ruffo  
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**Office Hours:** Monday 11-12, Wednesday & Friday 10-11

**Time:** Monday, Wednesday, & Friday 2:00-2:50  
**Room:** 221 Fitzelle Hall  
**Text:** *A Survey of Mathematics with Applications*, 7<sup>th</sup> edition,  
Angel, Abbott, and Runde, Addison-Wesley

**Catalog Description:** Sets, logic, number theory, algebra, combinatorics, probability, statistics, coordinate geometry. Not open to Mathematics or Secondary Mathematics majors.

**Goals:** Understand of basic mathematical concepts as described above, and develop quantitative and analytical reasoning skills.

**Attributes:** LA,CPA,M2

**SUNY Learning Outcome:** Students will show competence in the following quantitative reasoning skills: arithmetic, algebra geometry, data analysis, and quantitative reasoning.

**Grading Policy:** Your grade will be determined by the following:

- Three cumulative midterm exams, each worth 15% of your grade.
- Quizzes, given once a week and worth a total of 20% of your grade.
- The final exam, cumulative and worth 35% of your grade.

Your final grade will be assigned according to the following scheme:

A	$92 \leq x \leq 100$	B <sup>-</sup>	$82 \leq x < 80$	D <sup>+</sup>	$67 \leq x < 70$
A <sup>-</sup>	$90 \leq x < 92$	C <sup>+</sup>	$77 \leq x < 80$	D	$62 \leq x < 67$
B <sup>+</sup>	$87 \leq x < 90$	C	$72 \leq x < 77$	D <sup>-</sup>	$60 \leq x < 62$
B	$87 \leq x < 82$	C <sup>-</sup>	$70 \leq x < 72$	E	$0 \leq x < 60$

**Course Outline:** We will cover Chapters 1-3, 5, 7, 9 and 12-14 from the text. Below is a tentative schedule.

- 29 Aug Chapter 1: Critical Thinking Skills
- 31 Aug - 7 Sept Chapter 2: Sets
- 10 Sept Chapter 3: Logic
- 12 - 14 Sept **No class**
- 17 - 19 Sept Chapter 3, continued
- 21 - 24 Sept Chapter 5: Number Theory and the Real Number System
- 26 Sept **Exam 1**
- 28 Sept - 5 Oct Chapter 5, continued
- 8 - 22 Oct Chapter 7: Systems of Linear Equations and Inequalities
- 24 Oct **Exam 2**
- 26 Oct **No class**
- 29 Oct - 2 Nov Chapter 9: Geometry
- 7 - 14 Nov Chapter 12: Probability
- 16 Nov **Exam 3**
- 19 - 23 Nov **No class**
- 26 Nov - 7 Dec Chapter 13: Statistics
- 10 - 14 Dec Chapter 14: Graph Theory

**Calculators:** You are allowed to use *your own* calculator on all quizzes and exams.

**Attendance:** Please come to class regularly and on time. Any material missed due to an unexcused absence is the responsibility of the student.

Students missing 25% or more of class, any time from the second week of class up until the last day to withdraw from an individual course may be removed from the course by the instructor.