

## **PREALGEBRA-NUMBER SENSE, GEOMETRY (MATH 075)**

CRN 30451

INSTRUCTOR – HOWARD JONES

FALL 2007

MOHEGAN - RM. P1

W 6:30-9:15

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### COURSE DESCRIPTION

Course focuses on basic arithmetic and pre-algebra skills. Topics include whole numbers, fractions, decimals, proportions, percents, signed numbers, algebraic expressions and equations, and elements of geometry including perimeter, area, and volume.

### TEXTBOOK

Pre-Algebra – by Elayn Martin-Gay (Fifth Edition)

### TENTATIVE SCHEDULE

W	8/29	Exponents, Variables, Algebraic Expressions and Equations	1.7-1.8
W	9/5	Integers, Order of Operations, Addition and Multiplication Properties	2.1-2.6
W	9/12	TEST #1 (Ch. 1-2)	
W	9/19	Simplifying Algebraic Expressions, Linear Equations	3.1-3.4
W	9/26	Fractions, Multiplying and Dividing Fractions, Like/Unlike Fraction	4.1-4.5
W	10/3	Complex Fractions, Operations on Mixed Numbers, Solving Equations	4.6-4.8
W	10/10	TEST #2 (Ch. 3-4)	
W	10/17	Decimals, Adding, Subtracting, Multiplying, and Dividing Decimals	5.1-5.6
W	10/24	Ratios, Rates, Proportions, Pythagorean Theorem	6.1-6.4
W	10/31	TEST #3 (Ch. 5-6)	
W	11/7	Percents, Percent and Problem Solving	7.1-7.6
W	11/14	Perimeter, Area, Volume, and Surface Area	9.2-9.3
W	11/21	Classes not in session	
W	11/28	TEST #4 (Ch. 7&9)	
M	12/3	Last day to withdraw from classes	

W 12/5 Review  
W 12/12 FINAL EXAM  
M 12/31 Grades available on web (www.online.comnet.edu)

#### Attendance/Homework/Requirements

It is strongly suggested that students make every effort to attend ALL classes. More than three absences during the semester will jeopardize the student's success in the course. Homework will be assigned on a daily basis. All homework assignments must be completed. Students will be required to have a two-section math notebook. One section is to be dedicated to class notes while the other section will be dedicated to homework. The student's math notebook should be available to the instructor at each class. Students are not allowed to use a calculator and are not allowed to bring in a paper with notes or formulas to class. Cell phones may not be used as a calculator and must be turned off during class.

#### Methods of Evaluation/Make-ups

Tests will be announced. Unannounced quizzes may be given at the discretion of the instructor. Tests that are missed for any reason cannot be made up (with the exception of snow conditions). If a student misses one of the first four tests, a make-up test will be given at the end of the semester. A student can also use this make-up test to replace their lowest test grade. Final grades will be assigned according to the following:

<u>CLASS AVERAGE</u>	<u>FINAL GRADE</u>
90 -100	A- / A
80 - 89	B- / B+
70 - 79	C- / C+
60 - 69	D- / D+
Below 60	F

**NOTE: A grade of "C" or better (75) is required to pass this course and move on to Math 095.**

#### College Withdrawal Policy

Students may withdraw, in writing at the Registrar's Office, for any reason until the end of the 10<sup>th</sup> week of classes. From the 11<sup>th</sup> week through the end of the 13<sup>th</sup> week, a student may withdraw with the signature of the instructor or advisor.

#### Statement on Disabilities

If you are a student with a disability and believe you will need accommodations for this class, it is your responsibility to contact the Disabilities Counseling Service at 383-5240. To avoid any delay in the receipt of accommodations, you should contact the counselor as soon as possible. Please note that I cannot provide accommodations based upon disability until I have received an accommodation letter from the Disabilities Counselor. Your cooperation is appreciated.

## TENTATIVE HOMEWORK ASSIGNMENTS

- 1.7 Questions 1 - 101 (every other odd)
- 1.8 Questions 1 - 93 (every other odd)
  
- 2.1 Questions 1 - 115 (every other odd)
- 2.2 Questions 1 - 97 (every other odd)
- 2.3 Questions 1 - 88 (every other odd)
- 2.4 Questions 1 - 110 (every other odd)
- 2.5 Questions 1 - 85 (every other odd)
- 2.6 Questions 1 - 56 (every other odd)
  
- 3.1 Questions 1 - 106 (every other odd)
- 3.2 Questions 1 - 94 (every other odd)
- 3.3 Questions 1 - 89 (every other odd)
- 3.4 Questions 1 - 50 (every other odd)
  
- 4.1 Questions 1 - 106 (every other odd)
- 4.2 Questions 1 - 97 (every other odd)
- 4.3 Questions 1 - 99 (every other odd)
- 4.4 Questions 1 - 99 (every other odd)
- 4.5 Questions 1 - 87 (every other odd)
- 4.6 Questions 1 - 81 (every other odd)
- 4.7 Questions 1 - 111 (every other odd)
- 4.8 Questions 1 - 77 (every other odd)
  
- 5.1 Questions 1 - 107 (every other odd)
- 5.2 Questions 1 - 95 (every other odd)
- 5.3 Questions 1 - 89 (every other odd)
- 5.4 Questions 1 - 110 (every other odd)
- 5.5 Questions 1 - 101 (every other odd)
- 5.6 Questions 1 - 72 (every other odd)
  
- 6.1 Questions 1 - 68 (every other odd)
- 6.2 Questions 1 - 76 (every other odd)
- 6.3 Questions 1 - 48 (every other odd)
- 6.4 Questions 1 - 60 (every other odd)
  
- 7.1 Questions 1 - 96 (every other odd)
- 7.2 Questions 1 - 56 (every other odd)
- 7.3 Questions 1 - 56 (every other odd)
- 7.4 Questions 1 - 54 (every other odd)
- 7.5 Questions 1 - 42 (every other odd)
- 7.6 Questions 1 - 28 (every other odd)
  
- 9.2 Questions 1 - 52 (every other odd)
- 9.3 Questions 1 - 64 (every other odd)