

PREALGEBRA (MATH 075) – ROOM D 219  
INSTRUCTOR – BARBARA MAURICE  
SPRING 2010  
T/R 9:30 – 10:45  
OFFICE: RM C 206; OFFICE PHONE 383-5221  
OFFICE HOURS: MW 1:00 – 2:00; TR 10:45-11:45  
HOME PHONE 887-6419  
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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) MyMathLab ([www.coursecompass.com](http://www.coursecompass.com)) is not required but may be used as a resource. The instructor ID is maurice64316.

### TENTATIVE SCHEDULE

R	1/21	Exponents, Variables, Algebraic Expressions and Equations	1.7-1.8
T	1/26	Integers, Adding and Subtracting Integers	2.1-2.3
R	1/28	Multiplying and Dividing Integers, Order of Operations	2.4-2.5
T	2/2	Solving equations: Addition and Multiplication Properties; Simplifying Algebraic Expressions	2.6-3.1
R	2/4	College Professional Day – Classes Not in Session	
T	2/9	Solving Equations	3.1-3.3
R	2/11	Problem Solving; Review	3.4
T	2/16	Test #1 (Ch. 1 – 3)	
R	2/18	Fractions, Factors and Simplest Form	4.1-4.2
T	2/23	Multiplying and Dividing Fractions	4.3
R	2/25	Adding and Subtracting Fractions	4.4-4.5
T	3/2	Complex Fractions, Operations on Mixed Numbers	4.6-4.7
R	3/4	Equations with Fractions	4.8
	3/7 – 3/13	Spring Break – Classes Not in Session	

T	3/16	Review	
R	3/18	TEST #2 (Ch. 4)	
T	3/23	Decimals: Adding, Subtracting, Multiplying	5.1-5.3
R	3/25	Dividing Decimals, Order of Operations	5.4-5.5
T	3/30	Equations Containing Decimals; Ratios, Proportions	5.6, 6.1-6.3
R	4/1	Square Roots and the Pythagorean Theorem; Review	6.4
T	4/6	TEST #3 (Ch. 5-6)	
R	4/8	Percents, Decimals, and Fractions	7.1
T	4/13	Solving Percent Problems	7.2-7.3
R	4/15	Applications of Percents	7.4
T	4/20	Percent and Problem Solving; Sales Tax, Commission, Discount, and Interest	7.5-7.6
R	4/22	Perimeter, Area, Volume, and Surface Area	9.2-9.3
T	4/27	Review	
R	4/29	TEST #4 (Ch. 7&9)	
T	5/4	Review	
R	5/6	FINAL EXAM	
T	5/11	Make – up	
R	5/13	To be used as needed	

5/27 Grades available on web ([www.online.commnet.edu](http://www.online.commnet.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 three 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.**

The last day to withdraw from classes is May 10 2010.

### 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 - 91 (every other odd)
- 1.8 Questions 1 - 83 (every other odd)
  
- 2.1 Questions 1 - 95 (every other odd)
- 2.2 Questions 1 - 97 (every other odd)
- 2.3 Questions 1 - 88 (every other odd)
- 2.4 Questions 1 - 91 (every other odd)
- 2.5 Questions 1 - 85 (every other odd)
- 2.6 Questions 1 - 56 (every other odd)
  
- 3.1 Questions 1 - 96 (every other odd)
- 3.2 Questions 1 - 84 (every other odd)
- 3.3 Questions 1 - 89 (every other odd)
- 3.4 Questions 1 - 50 (every other odd)
  
- 4.1 Questions 1 - 86 (every other odd)
- 4.2 Questions 1 - 87 (every other odd)
- 4.3 Questions 1 - 89 (every other odd)
- 4.4 Questions 1 - 89 (every other odd)
- 4.5 Questions 1 - 87 (every other odd)
- 4.6 Questions 1 - 81 (every other odd)
- 4.7 Questions 1 - 91 (every other odd)
- 4.8 Questions 1 - 77 (every other odd)
  
- 5.1 Questions 1 - 87 (every other odd)
- 5.2 Questions 1 - 79 (every other odd)
- 5.3 Questions 1 - 83 (every other odd)
- 5.4 Questions 1 - 83 (every other odd)
- 5.5 Questions 1 - 81 (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 - 86 (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)