

PREALGEBRA-NUMBER SENSE, GEOMETRY (MATH 075)

CRN 11259

INSTRUCTOR – HOWARD JONES

SPRING 2010

THREE RIVERS COMMUNITY COLLEGE - RM. D-203

Tuesday 6:00-8:45

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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

Tu	1/26	Exponents, Variables, Algebraic Expressions and Equations	1.7-1.8
Tu	2/2	Integers, Order of Operations, Addition and Multiplication Properties	2.1-2.6
Tu	2/9	Simplifying Algebraic Expressions, Linear Equations	3.1-3.4
Tu	2/16	TEST #1 (Ch. 1-3)	
Tu	2/23	Fractions, Multiplying and Dividing Fractions, Like/Unlike Fraction	4.1-4.5
Tu	3/2	Complex Fractions, Operations on Mixed Numbers, Solving Equations	4.6-4.8
Tu	3/9	Spring Break – Classes Not in Session	
Tu	3/16	TEST #2 (Ch. 4)	
Tu	3/23	Decimals, Adding, Subtracting, Multiplying, and Dividing Decimals	5.1-5.6
Tu	3/30	Ratios, Rates, Proportions, Pythagorean Theorem	6.1-6.3
Th	4/6	TEST #3 (Ch. 5-6)	
Tu	4/13	Percents, Percent and Problem Solving	7.1-7.6
Tu	4/20	Perimeter, Area, Volume, and Surface Area	9.2-9.3
Tu	4/27	TEST #4 (Ch. 7&9)	
Tu	5/4	Review for Final Exam	

M 5/10 Last day to withdraw from classes
Tu 5/11 FINAL EXAM
Th 5/27 Grades available on web (www.online.commmnet.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. At certain sections of the course, and at the discretion of the instructor, students will be allowed to use a calculator but 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). A make-up test will be given at the end of the semester for the student to retake the test for which they received their lowest grade. The average of the two scores can be used 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 10th week of classes. From the 11th week through the end of the 13th week, a student may withdraw with the signature of the instructor or advisor.

Statement on Disabilities

If you have a question regarding a disability that may affect your progress in this course, please contact one of the college's Disability Service Providers as soon as possible. Chris Scarborough (892-5751) generally works with students who have learning disabilities or attention deficit disorder. Kathleen Gray (885-2328) generally works with students who have physical, visual, hearing, medical, mobility, and psychiatric disabilities. Matt Liscum (383-5240) also works with students who have disabilities.

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)