

SYLLABUS

Math 075, Pre-Algebra

Instructor: Elisa Santee 860-455-0739

NO CREDIT

Course description: the following topics will be covered: equations, percents, fractions, decimals, square roots, Pythagorean Theorem, working with geometric formulas and figures, graphing. This course will prepare the student for Math 095. A grade of 75% is required to continue onto Math 095.

- Method of evaluation: Exams and quizzes covering course work.
- Required Text: Pre-algebra, Elayn Martin-Gay, 6th edition
- Procedure: lecture, Homework and Class Participation
- No Make-ups: tests that are missed for any reason CANNOT be made-up. Any missed exam will receive a grade of ZERO.
- Attendance: students who are registered for this course are expected to attend class regularly. This course is designed in such a way that a student should get more from the in class activities than from the textbook alone.

COURSE EVALUATION: All exams will be equal in value to each other. All quiz grades will be combined and averaged together and will be equal in value to one test grade. The average of these exam scores will determine the final grade.

GRADE EQUIVALENTS:

A 93-100	B+ 87-89	C+ 77-79	D+ 67-69
A- 90-92	B 83-86	C 75-76	D 60-66
	B- 80-82	C- 70-74	F Below 60

Disabilities Statement: If you have a hidden or visible disability which may require classroom or test-taking modifications, please see me as soon as possible. If you have not already done so, please be sure to register with the coordinator for students with disabilities.

MAT075 Course Outcomes

1. Add, subtract, multiply, divide, raise to powers, compute absolute value, graph on a number line and appropriate use of inequality symbols with signed numbers.
2. Add, subtract, multiply, divide, raise to powers, compute absolute value, graph on a number line and appropriate use of inequality symbols with fractions.
3. Add, subtract, multiply, divide, raise to powers, compute absolute value, graph on a number line and appropriate use of inequality symbols with decimals.
4. Identify proportions
5. Find equivalent ratios
6. Solve proportions
7. Set up and solve application problems using ratios and proportions.
8. Calculate perimeters, areas, and volumes of basic geometric shapes using appropriate units of measurement.
9. Solve first degree equations in one variable.
10. Solve basic word problems.
11. Use mathematics terminology effectively in writing and speaking.

CLASS CANCELLATION POLICY;

If the **MANSFIELD SCHOOLS** are closed, class will be cancelled. If there is a 90 minute delay for the Mansfield Schools, we **WILL** have class.

Elisa Santee
Math 075 and Math 137
Spring 2011

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MATH 075
 Elisa Santee 860-455-0739
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 Spring, 2011

REMINDER: THIS IS A NON CREDIT course. Your grade for this course will not be used when calculating your grade point average. However, **a grade of C or better** is required to continue onto the next course.

Homework: Homework is assigned at each class period. It is a tool for the student to reinforce their understanding of the material presented in class. Homework is reviewed at the following class. Therefore, homework is a viable way for students to assess their progress and should alert them to areas of academic difficulty.

DATE:	TOPIC:	DATE:	TOPIC:
1/21	Introduction/review	3/21	Chapter 4
		3/23	
1/24	Chapter 1	3/25	
1/26			
1/28			
1/31	Chapter 2	3/28	Chapter 5
2/2	No class-snow day	3/30	
2/4	Chapter 2	4/1	
2/7	Chapter 2	4/4	
2/9		4/6	
2/11		4/8	EXAM 4 & 5
2/14		4/11	Chapter 6
2/16	Chapter 3	4/13	
2/18	EXAM 1, 2	4/15	
2/21	NO CLASS	4/18	Chapter 7
2/23	Chapter 3	4/20	
2/25		4/22	NO CLASS
2/28	Chapter 3	4/25	
3/2		4/27	Chapter 9
3/4		4/29	
3/7	EXAM Chapter 3	5/2	
3/9	Chapter 4	5/4	Review for Final
3/11		5/6	Review for Final
3/14-3/18	SPRING BREAK	5/9	Review for Final
		5/11 & 13	Cumulative Final