

ELEMENTARY ALGEBRA (MATH 095) – ROOM D 126  
PAIRED WITH ENG 100  
T/R 1:00-2:15  
CRN 10333  
INSTRUCTOR – BARBARA MAURICE  
SPRING 2010  
OFFICE: ROOM 206; 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

This course extends the basic algebra skills acquired in MATH 078. The topics include: signed numbers, solving first-degree equations, exponents, polynomials, factoring, graphing, systems of linear equations, inequalities, radicals and scientific notation. (This course does not count towards the minimum requirements for graduation.

### PREREQUISITE

Acceptable placement score or Math 075 with a “C” grade or better.

### TEXTBOOK

Beginning Algebra by 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 maurice97037.

### TENTATIVE SCHEDULE

R	1/21	Review of basics	1.3-1.5
T	1/26	Review of basics	1.6-1.7
R	1/28	Algebraic expressions, add./mult. properties of equality	2.1-2.3
T	2/2	Solving linear equations, problem solving	2.4-2.5
R	2/4	College Professional Day – Classes Not in Session	
T	2/9	Problem solving, formulas, inequalities	2.6-2.8
R	2/11	Review	
T	2/16	TEST #1 (CH. 1-2)	
R	2/18	Coordinate system, graphing, intercepts	3.1-3.3
T	2/23	Slope, slope-intercept form	3.4-3.5
R	2/25	Point-slope form	3.6

T	3/2	Systems of equations	4.1-4.2
R	3/4	Systems of equations, problem solving	4.3-4.4
	3/7 – 3/13	Spring Break – Classes Not in Session	
T	3/16	Review	
R	3/18	TEST #2 (CH. 3-4)	
T	3/23	Exponents	5.1
R	3/25	Add./subt./mult. of polynomials	5.2-5.3
T	3/30	Special products, negative exponents, scientific notation	5.4-5.5
R	4/1	Division of polynomials, radicals	5.6 & 8.1
T	4/6	Review	
R	4/8	TEST # 3 (CH. 5 & 8.1)	
T	4/13	GCF, factoring by grouping	6.1
R	4/15	Factoring $x^2 + bx + c$ , $ax^2 + bx + c$	6.2-6.3
T	4/20	Factoring binomials	6.4
R	4/22	Factoring strategy, quadratic equations	6.5
T	4/27	Problem solving, review	6.6
R	4/29	TEST #4 (CH. 6)	
T	5/4	Review	
R	5/6	FINAL EXAM	
T	5/11	Make – up	
R	5/13	To be used as needed	
T	5/18	To be used as needed	
	5/21	Grades available on web: <a href="http://www.trcc.commnet.edu">www.trcc.commnet.edu</a>	

### 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 allowed to use a calculator. 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

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.

### Class Cancellation

The Three Rivers web site provides a full listing of radio and television stations that alert students to school closings and delays. Go to: [www.trcc.commnet.edu](http://www.trcc.commnet.edu) and click on General Information and Weather Procedures.

## TENTATIVE HOMEWORK ASSIGNMENTS

- 1.3 1-83 odd
- 1.4 1-89 odd
- 1.5 1-29 odd, 35-53 odd, 65-79 odd
- 1.6 1-67 odd, 79-87 odd
- 1.7 1-111 odd
- 1.8 1-89 odd

Chapter 1 Review/ Test as needed

- 2.1 1-69 odd
- 2.2 1,3,5,13 17-27 odd, 33-39 odd, 43-47 odd, 51, 53,55
- 2.3 1-13 odd, 17-27 odd, 31,35, 37,41, 43, 45,55,56,67-72
- 2.4 1-75 odd
- 2.5 1-15 odd, 21, 25, 27, 33, 39
- 2.6 15-27 odd, 63-67 odd
- 2.7 7,9,11,13,27,34
- 2.8 1-9 odd, 11-47 eoo

Chapter 2 Review/Test as needed

- 3.1 1-15 odd, 23-41 eoo
- 3.2 1-41 odd
- 3.3 1-55 odd
- 3.4 1-57 odd
- 3.5 1-23 odd, 27-57 eoo
- 3.6 1-49 odd

Chapter 3 Review/Test as needed

- 4.1 1-5 odd, 9-19 odd
- 4.2 1-31 odd
- 4.3 1-45 odd
- 4.4 11, 13, 20, 23, 25, 27, 29, 35, 38

Chapter 4 Review/Test as needed

- 5.1 1-95 odd
- 5.2 17-45 odd, 61-81 eoo, 95-101 odd
- 5.3 1-15 odd, 19-25 odd, 35-47 odd, 51-61 odd, 99, 101
- 5.4 1-77 odd
- 5.5 1-71 odd
- 5.6 1-53 eoo

Chapter 5 Review Test as needed

- 8.1 1-63 odd

- 6.1 1-71 odd
- 6.2 1-61 eoo
- 6.3 1-8, 11-31 odd, 37, 39, 41, 45, 51-57 odd
- 6.4 1-71 eoo, 79-86
- 6.5 1-95 eoo

Pages 384-385 odd

- 6.6 13, 15, 21, 23, 27

Chapter 6 Review/Test as needed