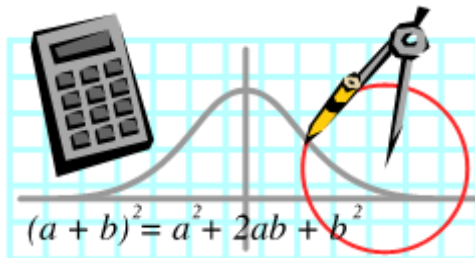


PRE-ALGEBRA

MAT 075



Instructor: Gayla Holmes

Office Phone: (860) 892-5714

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<u>Text and Resources:</u>	Pre-algebra 5 th edition, by Elayn Martin-Gay, Solutions Manual, Martin-Gay's CD Lecture Series, & MyMathLab Access Code.
<u>Course Description:</u>	Course focuses on basic arithmetic and pre-algebra skills. Topics include whole numbers, fractions, decimals, proportions, ratios, percents, perimeter, area, signed numbers, algebraic expressions, equations, and elements of geometry. Course does not count towards graduation requirements. This course requires a grade of C# or better to pass and go to the next math course (MAT 095). Calculators are not allowed.
<u>Course Evaluation:</u>	Tests – 70%; Homework – 10%; Final Exam – 20%. Extra credit (15%) will be earned for participating in Supplemental Instruction, if attended at least 10 to 12 sessions.
<u>Grading:</u>	A = 100--96; A- = 95--91; B+ = 90--86; B = 85--81; B- = 80--78; C+ = 77-75; C = 74--72; C- = 71--69; D+ = 68--66; D = 65--63; D- = 62--60; F = Below 60.
<u>Attendance:</u>	Attendance is extremely important. Regular attendance required.
<u>Homework:</u>	Homework is assigned at the end of each class period. To increase your potential for success you must do all assigned homework. Completing problems from the text will give you an opportunity to practice your basic math skills but will not be collected. Only assignments from "MyMathLab" will be credited toward your final grade. (10 percentage points)
<u>Support Services:</u>	Free tutorial services are available in the Tutoring and Academic Support Center – TASC. You can also schedule an individual or group appointment with me when you need extra help.
<u>Office Hours:</u>	My office is located in the A-Wing room A-128. I am available by appointment. To schedule, please call 383-5217.

Disabilities Statement: Students with learning, physical, or mental disabilities, who may require special accommodations and support services, are encouraged to contact one of the following:

1. Chris Scarborough, Learning Specialist 892-5751
2. Kathleen Gray, Counselor 383-2328
3. Matt Liscum, Counselor 383-5240
4. The instructor during the first two weeks of class 892-5714

Class Cancellations: In case of a cancelled class I will call or email you in advance. I'll post the announcement to my email account, and to my out-going voice message. My voice mail is: 892-5714 and my Email address is: gholmes@trcc.commnet.edu

College Withdrawal Policy:

A student who finds it necessary to discontinue a course must complete a withdrawal form in the Registrar's Office. The deadlines to withdraw from class is April 29th. Students who do not withdraw and stop attending classes will be assigned an "F #". Eligibility for refund of tuition is based on the date withdrawal is received by the Registrar's Office.

Cellular Phones/Beepers: Cellular phones and beepers are allowed in the class or in the Learning Resource Center **only** if they are turned off or turned to a silent mode. Under no circumstances are phones to be answered in class. When there are extenuating circumstances that require a student to be available by phone or beeper, the student should speak to the instructor prior to class, so that together they can arrive at some mutual agreed upon protocol.

Academic Integrity Policy: Academic integrity is essential to high standards of excellence in higher education. Failure to act with academic integrity severely limits a person's ability to succeed in the classroom and beyond. Furthermore, academic dishonesty erodes the legitimacy of every degree awarded by the college. In this class and throughout your academic career, present only your own, best work.

This course may be a review for some of you, but I encourage you to approach it as if it's brand new material. For others this course will give you a new opportunity to learn or to re-learn all the basic math concepts to which you've ever been exposed. You will have to become your own best motivator, constant encourager, and personal disciplinarian. Remember "whether you think you can or you think can't, you're right".

SKETCHES
By Ben Boroughs

“The easiest thing in the world to do is to quit (075) when things get tough:

To give up trying and to say that you have had enough.

To loose your faith when skies are gray and troubles will not end;

Then turn your eyes upon the ground while all your hopes descend:

To admit you are a failure and to seek a helping hand;

Then thereafter go about with failure as your brand.

With great ease you can accomplish all the things that I have said;

For the resting place of failure makes a most inviting bed.

But, if you like some must waiver while your dreams are dying;

Remember you can still be victorious, if only you keep trying.”

COURSE CONTENT AND COURSE OUTCOME:

Chapter 1 **Whole numbers. Introduction to Algebra**
Sections 1.7 - 1.8

Outcomes Objectives in sections 1.7 and 1.8

Chapter 2
Integers
Sections 2.1 - 2.6

Outcomes Objectives in sections 2.1 through 2.6

Chapter 3 **Equations**
Sections 3.1 – 3.4

Outcomes: Objectives in sections 3.1 through 3.4

Chapter 4 **Fractions**
Sections 4.1 – 4.8

Outcomes: Objectives in sections 4.1 through 4.8

Chapter 5 **Decimals**
Sections 5.1 – 5.6

Outcomes: Objectives in sections 5.1 through 5.6

Chapter 6 **Ratio and Proportion**
Sections 6.1 – 6.4

Outcomes: Objectives in section 6.1 through 6.4

Chapter 7 **Percent**
Sections 7.1 – 7.4

Outcomes: Objectives in sections 7.1 through 7.4

Chapter 9 **Geometry and Measurement**
Sections 9.2 and 9.3

Outcomes: Objectives in sections 9.2 and 9.3

