

Syllabus Math 075, Pre-Algebra
3 credit hours

Semester: Spring 2011, Mon/Wed 2:00 pm –3:15 pm E206

Instructor: Lou Doboe

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Phone: 860-857-4067

Office Hours: By appointment

Text:

Prealgebra, 6th edition, Elayn Martin-Gay. Pearson Prentice Hall, 2011 ISBN # 978-0-321-62886-2

Computers: Homework will be assigned on a weekly basis and will be completed online using MyMathLab at www.coursecompass.com. If you did not purchase a textbook which has an access code bundled with it, you will have to purchase an access code separately. To register with MyMathLab you will need the following information:

Course Name: **MAT 075 Spring 2011 M/W**

Course ID: **doboe92355**

Calculators will **not** be allowed to be used for quizzes, tests or the final exam.

Grading:	4 One-Hour Exams:	40% (10% each)
	Final Exam (cumulative):	20%
	Weekly Quizzes:	20%
	MyMathLab	20%

Attendance: Will be monitored. There will be no make-up quizzes. The 2 lowest quiz grades will be dropped when calculating your quiz average. Make-up exams will only be given in **EXTREME** circumstances and only if **PREVIOUS** arrangements have been made.

Class Cancellation: In the unlikely event that a class needs to be cancelled by the instructor, you will be notified by the instructor via email by noon on the day of the class cancellation. Class cancellations will also be posted in the announcements section of MyMathLab.

Extra Credit: There will be **no** “extra credit” assignments for this course.

Participation: Completion of homework, classroom participation and preparation for exams is essential for your success in this course.

Plagiarism & Academic Honesty: At TRCC, we expect the highest standard of academic honesty. The Board of Trustees' Proscribed Conduct Policy prohibits cheating on examinations, unauthorized collaboration on assignments, and unauthorized access to examinations or course materials. Plagiarism will not be tolerated.

Course Objectives: This course focuses on basic arithmetic and prealgebra skills. The topics covered in this course include: whole numbers, fractions, decimals, signed numbers or integers, proportions, percents, algebraic expressions and equations and elements of geometry. **This course is a developmental level course. This course does *not* count toward degree/graduation requirements.

Course Outcomes:

1. Add, subtract, multiply, divide, raise to powers, compute absolute value, graph on a number line appropriate use of inequality symbols with signed numbers.
2. Add, subtract, multiply, divide, raise to powers, compute absolute value, graph on a number line appropriate use of inequality symbols with fractions.
3. Add, subtract, multiply, divide, raise to powers, compute absolute value, graph on a number line 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.

Accommodations: 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.