I. COURSE INFORMATION

Instructor: Vivian Marie Martinez
E-mail: vivian.martinez@tamucc.edu
Office location: CI 311
Office phone: leave message at (361)825-3754
Office hours: M W 4:50pm-6:50pm
Meeting place: CS 112
Meeting times: Mon/Wed 3:30 - 4:45 pm

II. COURSE DESCRIPTION

The course is designed for students needing an extensive review of mathematics to prepare them for state & campus standards and/or higher mathematics courses. The course covers number concepts, computation, elementary algebra, geometry, and mathematical reasoning. This course does not count towards graduation.

III. PREREQUISITES

There is no prerequisite for this course. Registration for this course will be determined by Placement testing or test scores.

IV. TEXT AND OTHER SUPPLIES REQUIRED

The textbook for the class is Developmental Mathematics by Elayn Martin-Gay, plus the accompanying software,
My Math Lab access code
In addition, you will need a pencil with eraser, graph paper (1/4"), notebook paper, a folder or binder and a small ruler.

V. STUDENT LEARNING OUTCOMES

By the end of the semester, the student will be able to show mastery for the following:

1. Perform basic operations with real numbers (whole & decimal numbers, fractions, mixed numbers, integers and real numbers)
2. Round whole numbers, decimal numbers and fractions to a given place value
3. Convert between decimal numbers, fractions and percents
4. Evaluate expressions using order of operation (using whole numbers, decimal numbers, fractions, integers & real numbers)
5. Factor numbers and determine a GCF, an LCM, or evaluate square roots
6. Solve equations using the addition and multiplication principles together (includes parenthesis)
7. Solve inequalities using the addition and multiplication
principles then report the answer as a set, an interval or graphed on a line.

8. Solve word problems using a variety of techniques (includes % problems, age problems, geometric problems).

9. Evaluate formulas for area, perimeter, circumference or volume for triangles, rectangles, squares, parallelograms, circles, composite figures, pyramids, prisms, spheres and cylinders.

10. Determine angles or sides for similar and congruent figures and given angles or sides determine if figures are similar or congruent.

11. Determine interior angles, exterior angles and lengths of sides for plane or composite figures.

12. Relate the properties of real numbers to algebraic expressions (includes commutative, associative, inverse, ones-, zero-, distributive and identity properties).

13. Convert metric and customary measurement (length, mass and capacity).

14. Convert between scientific and standard notation and use scientific notation in problem solving.

15. Simplify algebraic expressions (monomials, binomials & polynomials) using addition, subtraction, multiplication or division.

16. Read charts and graphs.

17. Name and graph points in a plane.

18. Graph a line from an equation by determining two points.

19. Recognize and graph vertical and horizontal lines.

20. Factor polynomials to find the GCF.

VI. INSTRUCTIONAL METHODS AND ACTIVITIES
Students will work independently to demonstrate mastery through testing. Students will use the My Math Lab software to remediate weak areas as designated by class assignments such as homework or quizzes.

VII. EVALUATION AND GRADE ASSIGNMENT

- 15% - Homework
- 5% - Quizzes
- 50% - Exams
- 30% - Final

Total points = 100%

Grading scale:
- A = 90 or more
- B = 89.9 to 80
- C = 79.9 to 70
- IP = 69 or below

VIII. Tentative Schedule

(To be given later)

IX. CLASS POLICIES

1. I expect each student to attend all classes. Attendance is mandatory.
2. If you are late then you miss any lecture given or instructions.
3. No texting or using your cell in class.
**Dates to remember:**

**Fall 2012**

<table>
<thead>
<tr>
<th>Date/Day</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>August 9, Thursday</td>
<td>Last day to apply for December 2012 graduation</td>
</tr>
<tr>
<td>August 20, Monday</td>
<td>Faculty Start Date</td>
</tr>
<tr>
<td>August 22, Wednesday</td>
<td>Classes begin</td>
</tr>
<tr>
<td>August 29, Wednesday</td>
<td>Last day to register or add a class</td>
</tr>
<tr>
<td>September 3, Monday</td>
<td>Labor Day Holiday</td>
</tr>
<tr>
<td>November 2, Friday</td>
<td>Last day to drop a class</td>
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<tr>
<td>November 22-23, Thursday-Friday</td>
<td>Thanksgiving Holidays</td>
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<tr>
<td>December 3, Monday</td>
<td>Last day to withdraw from the University</td>
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<tr>
<td>December 4, Tuesday</td>
<td>Last day of classes</td>
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<tr>
<td>December 5, Wednesday</td>
<td>Last day to apply for May 2013 graduation</td>
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<tr>
<td>December 6-7, Thursday-Friday</td>
<td>Reading Day</td>
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<td>December 10-12, Monday-Wednesday</td>
<td>Final examinations</td>
</tr>
<tr>
<td>December 13-14, Thursday-Friday</td>
<td>Grading days</td>
</tr>
<tr>
<td>December 15, Saturday</td>
<td>Fall Commencement</td>
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</table>

**Homework** – Practice is an essential component of developing math skills. **Homework is assigned online and due the day before a test**

**Responsibility:**

**Exams** – Show your understanding of the most important concepts in the class through individual exams during regular class time. Make-up exams will not be given. But the final can replace the lowest test exam.

**Quizzes** – Be prepared to take a quiz each time you come to class. It is important you attend class every time on time.

**Final Exam** – complete a comprehensive summative evaluation of your knowledge through an individual exam. The final exam cannot be made-up if missed.

**Important Dates:**

- Campus will be closed on Sept. 3rd for Labor Day Holiday
- Campus will be closed during Thanksgiving Holiday, on Nov. 22-23.
- Last day of classes is Dec. 4th.
X. LEGAL STATEMENTS

Students with Disabilities:
Texas A&M University-Corpus Christi complies with the Americans with Disabilities Act in making reasonable accommodations for qualified students with disabilities. If you suspect that you may have a disability (physical impairment, learning disability, psychiatric disability, etc.), please contact the Services for Students with Disabilities Office, located in Driftwood 101, at 825-5816. If you need disability accommodations in this class, please see me as soon as possible.

Grade Appeal Process:
As stated in University Rule 13.02.99.C2, Student Grade Appeals, a student who believes that he or she has not been held to appropriate academic standards as outlined in the class syllabus, equitable evaluation procedures, or appropriate grading, may appeal the final grade given in the course. The burden of proof is upon the student to demonstrate the appropriateness of the appeal.
A student with a complaint about a grade is encouraged to first discuss the matter with the instructor. For complete details, including the responsibilities of the parties involved in the process and the number of days allowed for completing the steps in the process, see University Rule 13.02.99.C2, Student Grade Appeals, and University Procedure 13.02.99.C2.01, Student Grade Appeal Procedures. These documents are accessible through the University Rules Web site at http://www.tamucc.edu/provost/university_rules/index.html. For assistance and/or guidance in the grade appeal process, students may contact the Office of Student Affairs.

Final Schedule:  Final Exam Wednesday Dec 12 1:45pm-4:15pm
**Fall 2012 Exam Schedule**

Final examination schedule for courses that begin/meet regularly at the following times:

<table>
<thead>
<tr>
<th>FINAL EXAM TIME</th>
<th>Meet time</th>
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<th>Meet time</th>
<th>Meet time</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:00 a.m. - 10:30 a.m.</td>
<td>8:00 TR</td>
<td>8:00 MWF</td>
<td>9:00 S</td>
<td>9:00 MWF</td>
<td>9:30 TR</td>
<td>10:00 MWF</td>
</tr>
<tr>
<td>11:00 a.m. - 1:30 p.m.</td>
<td>11:00 TR</td>
<td>11:00 MWF</td>
<td>12:00 S</td>
<td>12:00 MWF</td>
<td>12:30 TR</td>
<td>1:00 MWF</td>
</tr>
<tr>
<td>1:45 p.m. - 4:15 p.m.</td>
<td>2:00 TR</td>
<td>2:00 F</td>
<td>2:00 MW</td>
<td>3:30 TR</td>
<td>3:30 MW</td>
<td></td>
</tr>
<tr>
<td>4:30 p.m. - 7:00 p.m.</td>
<td>4:20 R</td>
<td>4:20 M</td>
<td>4:20 T</td>
<td>4:20 W</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:15 p.m. - 9:45 p.m.</td>
<td>7:00 TR</td>
<td>7:00 R</td>
<td>7:00 M</td>
<td>7:00 T</td>
<td>7:00 W</td>
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Your final exam will take place on:

| Thurs December 06 | Fri December 07 | Sat December 08 | Mon December 10 | Tues December 11 | Wed December 12 |

Example: If your class typically meets at 11:00 a.m on Tuesdays and Thursdays (R), your final examination will take place on 11:00 a.m. to 1:30 p.m. on Thursdays, December 6, 2012.