MATH 010  
DEVELOPMENTAL MATHEMATICS  
Spring 2004

INSTRUCTOR:  Nancee Ryan Mancel, M.A.

COURSE DESCRIPTION:  MATH 010:  Developmental Mathematics -  A pre-college mathematics course.  Emphasis is placed on basic operations, fractions, decimals, percents, ratios, and introductory algebra. The course is intended for students whose placement test scores indicated a need for intensive study of pre-algebra fundamentals.  Credit does not count towards degree.  Corequisite: MATH 010L.


WHAT DO YOU NEED -  A calculator, A paper folder for your portfolio, A set of 5 dividers, A set of colored markers or pencils, A hole puncher, Another notebook of any kind to hold other papers

ATTENDANCE POLICY:  Students are responsible for any missed class assignments.  I do take attendance.  Excessive absence ( 5 missed class periods) may be grounds for administrative action.  A missed exam may be taken during the next class meeting for a 10 point reduction, or the following class period for a 20 point reduction.

TARDY POLICY:  Arriving for class late is disruptive.  Please make every effort to arrive on time for class.  A student who is more than 5 minutes late will be marked tardy.  Three tardies equals one missed class.

EARLY OUTS:  Leaving class early is disruptive.  While it is acceptable to leave class early once or twice during a term, it is not acceptable to do so on a regular basis.  The “early out” policy is the same as the tardy policy; 3 early outs equals one missed class.

UNACCEPTABLE CLASSROOM BEHAVIORS  The following behaviors are considered disrespectful and will not be tolerated:  sleeping in class, talking to classmates while the instructor is lecturing, getting up and leaving the classroom while the instructor is lecturing for any purpose other than a dire emergency, habitually showing up for class without the materials necessary (books, paper, pencil, calculator).

GRADING POLICY:  This course may be taken for a letter grade (A, B, C, No credit [NC]) or on a credit/no credit (CR/NC) basis.  Students elect their grading option at registration, but may change their grading option through the first 3 weeks of class.

Grades will be based on portfolios and exams.  There will be 4 exams.  Exam 1 covers Lessons 1-6.  Exam 2 covers Lessons 7-14.  Exam 3 covers Lessons 15-20.  Exam 4 covers Lessons 21-25.  The final exam is cumulative.  Portfolio grading includes homework (Check Your Understanding), handouts, individual projects, and group project.  The notebook will be picked up 4 times over the course of the semester.  The portfolio pickup dates will be 2/10, 3/11, 4/8 and 4/29.

Grades will be computed using the following scale:

Exams  40%  
Portfolio  30%  
Final Exam  20%
Additionally, you must pass the final exam to pass the class. A grade of 60 or higher must be earned on the final.

**MAIN COURSE OBJECTIVES**

1. Adding subtracting, multiplying, and dividing whole numbers, fractions, decimals, and integers.
2. Convert between decimal, fractional, and percent notation.
3. Solve problems using whole number, fraction, decimal, and percent skills.
4. Calculate averages, medians, and square roots.
5. Solve algebraic equations in one unknown using the distributive law, the addition and multiplication principles.

**COURSE CONTENT**

We will cover material from the following chapters of the textbook.

Lessons 1-24

**Teaching Schedule:**

<table>
<thead>
<tr>
<th>Time</th>
<th>Course</th>
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<tbody>
<tr>
<td>TR 9:00 - 10:15 am</td>
<td>MATH 010 - 001</td>
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<tr>
<td>TR 10:30 - 11:45 am</td>
<td>MATH 010 - 003</td>
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<tr>
<td>TR 1:30 - 2:45 pm</td>
<td>MATH 010 - 017</td>
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<tr>
<td>TR 3:00 - 4:30 pm</td>
<td>MATH 010-371</td>
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**Office Hours**

T noon to 1:30 pm or by appointment

**MATH 010 LAB**

Every student enrolled in MATH 010 must also be enrolled in a MATH 010 lab with the same instructor. This one credit hour lab is a separate (arranged) class with a separate syllabus and will be explained in detail during the first class meeting. If you are not yet enrolled in a MATH 010 lab, please see the Registrar.
TENTATIVE COURSE OUTLINE

Tuesday, January 20, 2004
Lesson 1

Thursday, January 22, 2004
Lesson 2

Tuesday, January 27, 2004
Lessons 3

Thursday, January 29, 2004
Lesson 4

Tuesday, February 3, 2004
Lesson 5

Thursday, February 5, 2004
Lesson 6 and exam review

Tuesday, February 10, 2004
Exam 1
First Portfolio Pickup

Thursday, February 12, 2004
Lesson 7

Tuesday, February 17, 2004
Lesson 8

Thursday, February 19, 2004
Lesson 9

Tuesday, February 24, 2004
Lesson 10

Thursday, February 26, 2004
Lesson 11

Tuesday, March 2, 2004
Lesson 12

Thursday, March 4, 2004

Lesson 13

Tuesday, March 9, 2004

Lesson 14 and review for Exam 2

Thursday, March 11, 2004

Exam 2
Second Portfolio Pickup

Tuesday, March 16, 2004

Lesson 15

Thursday, March 18, 2004

Lesson 16

Tuesday, March 23, 2004

Lesson 17

Thursday, March 25, 2004

Lesson 18

Tuesday, March 30, 2004

SPRING BREAK - NO CLASS

Thursday, April 1, 2004

SPRING BREAK - NO CLASS
Tuesday, April 6, 2004
Lesson 19 and review for exam 3

Thursday, April 8, 2004
Exam 3
Third Portfolio Pickup

Tuesday, April 13, 2004
Lesson 20

Thursday, April 15, 2004
Lesson 21

Tuesday, April 20, 2004
Lesson 22

Thursday, April 22, 2004
Lesson 23

Tuesday, April 27, 2004
Lesson 24 and exam Review

Thursday, April 29, 2004
Exam 4
Fourth portfolio pickup

Tuesday, May 4, 2004
Review for final

Thursday, May 6, 2004
Review for Final

Final exam week May 8-15 - see back cover of spring 2004 schedule for exact times and dates