

**MATH 60 - INTRODUCTORY ALGEBRA - FIRST TERM**  
**PORTLAND COMMUNITY COLLEGE**  
**ROCK CREEK CAMPUS**  
**17705 NW SPRINGVILLE ROAD**  
**WINTER 2005**

<b>DAY &amp; TIME:</b>	Mon, Wed, 12:30-2:50pm	<b>CRN #:</b>	12513
<b>LOCATION:</b>	RC Bldg 2 Room 226	<b>CREDITS:</b>	4
<b>INSTRUCTOR:</b>	Diane Edwards	<b>E-MAIL:</b>	dedwards@pcc.edu
<b>OFFICE:</b>	RC Bldg 2 Room 105e	<b>VOICE MAIL:</b>	(503)244-6111x3886
<b>Mail Box:</b>	RC Bldg 2 Room 230	<b>FAX:</b>	(503) 614-7887
<b>OFFICE HOURS:</b>	by appointment, (I am usually in my office 10:00–11:00am, Mondays, Wednesdays, and Fridays.)		

**ADA Statement:** PCC encourages students who have disabilities to contact the office of Students with Disabilities (614-7576) for assistance in requesting classroom accommodations.

**Text:** Introductory Algebra for College Students, Third Edition, by Robert Blitzer; Student Solution Manual (optional) may be available in the Learning Center

**Prerequisite:** Successful completion of Math 20 or ASSET placement & successful completion of Reading 80 or ENNL 250.

**Calculator:** Graphing calculator technology may be introduced. Scientific or graphing calculator necessary.

**Course Content:** Study of real numbers, algebraic expressions, linear equations and inequalities in one and two variables, and systems of equations.

**Assignments:** Assignments will consist of regular practice and review exercises, writing assignments, and projects. Some assignments may not be collected. Work **MUST** be handed in on time. Under RARE occasions, late work may be accepted at the discretion of the instructor. Any accepted late work may result in a reduction in possible points.

**Service Learning Project (optional):** See attached sheet.

**Exams:** The course will include four chapter tests and one comprehensive final exam. You may retake one chapter test to improve your score. If you choose to retake an exam, you will do so on the designated date listed on the course schedule. Missed exams that are not made up within one week of the class exam, will become retake exams and will be taken according to the class schedule. In the event that you miss, or will miss, an exam it is your IMMEDIATE responsibility to inform me and make the necessary test make-up arrangements. Additional quizzes may be given at any time.

**Evaluation:** Your grade will be determined in one of the following ways:

Assignments/Quizzes/Projects (approximate):	200
Tests: (4 at 100 pts each)	400
Comprehensive Final Exam:	<u>200</u>
Total Points (approximate)	800

**OR:** For those students choosing the service learning option, your grade will be determined as follows:

Assns./Quizzes/ Projects (approximate):	200
Tests (4 at 100 pts each):	400
SL Project:	100
Comprehensive Final Exam:	<u>100</u>
Total Points (approximate):	800

**Grade Scale:** 90-100% = A 80-89 % = B 70-79 % = C 60-69 % = D 0-59 % = F

**Extra Help:** Getting to know and work with students in your class is an incredibly successful study technique. There is a Learning Center located on each campus where you can work with other students and a mathematics tutor is available. Videotapes on the course topics are located in the Learning Centers (Rock Creek - bldg 2 room 212).

Note to cell phone carriers: Please take the necessary steps to avoid cell phone interruptions during class. Thanks!

## **MATH 60 SERVICE LEARNING OPTION**

One of the ways that we learn is by teaching someone else. With this in mind, you have the option to tutor math at the school of your choice throughout the term. In choosing this option, you will be committing to tutor students in basic math or pre-algebra weekly. You will keep a journal of your experience and meet with me at least twice throughout the term. You will receive 100 points for successfully completing this project.

### **Tutoring Requirements**

You will arrange to tutor in the elementary/middle school/classroom of your choice. (I can help you set this up.) You will be required to tutor students at the school at least once a week, for a minimum of 8 visits. You will be expected to tutor for a minimum of 50 minutes each visit. The school, grade, teacher, and a tutoring day and time, must be decided upon by the second week of class. You will be expected to arrive on time and stay for the entire period. The students and teacher will expect your visit each week. Therefore, it is essential that you make each scheduled appointment. It is also essential that you confirm each future visit and make any necessary adjustments for field trips/holidays/etc.

During this assignment one or more of the following service-learning objectives should be met:

1. You will review previously learned math concepts.
2. You will explain previously learned math concepts.
3. You will improve your own confidence in your ability to do math.
4. You will provide a positive role model for younger students.

You will keep a journal of your experience. You must have a journal entry for each tutoring visit. Each entry must include the following:

1. Date and time (including length of time) of your tutoring
2. The names of students that you assisted
3. The math topics of the day
4. How you think that you were effective, and
5. How you feel that the tutoring is going.

You may include anything else you would like in your journal entry.

You will be expected to meet with me, and bring your journal, at least twice during the term.

You will also be expected to hand in a minimum one page typed summary of your experiences. Your summary should include the following:

1. A list of which of the four service-learning objectives were met, including some explanation about how each objective was met.
2. Some or all of the following: expectations that you had before you began, your thoughts regarding how the tutoring went, when or how you were helpful, when you weren't, how the tutoring may have been helpful to you, and what you learned from the experience.

### **Grading**

The goal is that you make all of your tutoring appointments and that your journal notes and observations are thorough and that your summary is clear and reflective. In doing this, you will receive 100 points for your tutoring experience. Choosing this option reduces the value of your final exam by 100 points.

Most importantly, you have to commit to the tutoring option. **You MAY NOT commit to the option and then change your mind later in the term.** Again, you may not decide that you would like to use your final exam to be worth the standard 200 points. One of the goals of the tutoring option is to provide a good, consistent role model for the students you are tutoring. So, you must be willing to tutor conscientiously and consistently throughout the term.

### **To hand in at the end of the term:**

1. Journal entries, including information from each visit.
2. Completed sign in sheet, handed out at the beginning of the term.
3. One page typed summary including 1) the service-learning objectives that were met and 2) further reflective thoughts