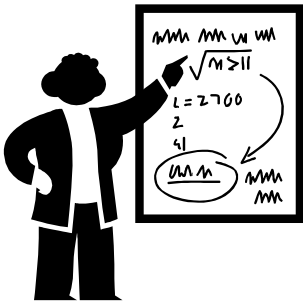

Beginning Algebra
Math 81
Fall Semester, 2012

Tuesday/Thursday 1:40 - 3:30 p.m. ***This class uses lecture along with web***
Code # 10408 Rm. 2722) ***delivered homework for instruction and mastery.***
4 units

Instructor: Mrs. Riehle ***Phone:*** 1-760-355-6521 ***Email***: betsy.riehle@imperial.edu
***Office*:** Rm. 2761
Office hours: Monday & Wednesday 9:00- 9:30 a.m. and 2:00 – 2:30 p.m
Tuesday & Thursday 10:30 a.m. – 11:30 a.m.
Office by Appointment times are also available

Prerequisite: Math 70/71 with a grade of "C" or better or appropriate placement

Course Description:
This is a one-semester course which covers an introduction to the concepts of Algebra. Topics covered include solving equations, polynomials, factoring, rational expressions, graphs of linear equations, systems of linear equations in two variables, and inequalities.

Student Learning Outcomes (SLO's):
Upon completion of this class among other skills students will be able to:

- Solve linear equations in one variable
- Factor polynomial expressions using a variety of methods and solve polynomial equations
- Graph linear equations and find values related to linear graphs
- Solve application problems appropriate to beginning algebra

Course Objectives:

1. Students will demonstrate skills in solving first degree equations.
2. Students will demonstrate the ability to solve diverse types of problems in a step-by-step manner when dealing with applications.
3. Students will demonstrate and develop manipulation skills when operating with polynomials.
4. Students will demonstrate various types of factoring and be cognizant of the factoring process of polynomials.
5. Students will demonstrate an understanding of skills in operations with and simplifications of rational expressions.
6. Students will demonstrate a visual understanding of the Cartesian Coordinate System and linear graphs.
7. Students will demonstrate the ability to solve linear systems of equations in two variables both algebraically and graphically.
8. Students will demonstrate the ability to solve linear inequalities algebraically and be able to present the solutions graphically.

Text: *Introductory and Intermediate Algebra for College Students* *4th ed.*
Author: Robert Blitzer
MathXL Access code (this may be purchased with the text or separately)

Materials: 1" ring binder notebook and dividers

Grading: The semester grade will be based on an accumulation of points:

Tests - 100 points each
(4 tests will be given during the semester see schedule for dates)

Homework – 100 points (Math XL percentage points)

Classwork – 75 points

Notebook – 25 points (graded 3 times 5, 10, and 10)

Final Exam - 150 points
(Tuesday, December 4, comprehensive)

90% - 100%	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
0% - 59%	F

Grade Record

You can always know your grade if you keep a record: add all your points and divide by the total points possible as of that time. This will give you a percentage of your points. Use the scale on the front page to translate into a letter grade.

Test 1 _____ Homework _____ Final Exam _____

Test 2 _____ Classwork _____ Bonus _____, _____, _____

Test 3 _____ Notebook _____, _____, _____
(5) (10) (10)

Test 4 _____

Keep Track of Your Classwork points: (3 points each)

Aug. 21	Aug. 23
Aug. 28	Aug. 30
Sept. 4	Sept. 6
Sept. 11	Sept. 13
Sept. 18	Sept. 20
Sept. 25	Sept. 27

Oct. 2	Oct. 4
Oct. 9	Oct. 11
Oct. 16	Oct. 18
Oct. 23	Oct. 25
Oct. 30	Nov. 1
Nov. 6	Nov. 8

Nov. 13	Nov. 15
Nov. 20	Nov. 22 (No Class)
Nov. 27	Nov. 29
Dec. 4 **Final Exam**	

Comments:

1. Attendance is required (2 absences are allowed, 3 tardies equal 1 absence) Leaving class early will be counted as an absence unless cleared with instructor in advance.

2. Calculators ***may not*** be used on tests

3. **If you leave the classroom for any reason during a test you will not be allowed to continue working on the test.**

4. Homework (Math XL) can be accessed online. You will need access to a computer. You may use the computers in the Math Lab. New assignments will be added weekly. Each assignment has a due date. Make sure you know the due date. **Keep up with your assignments. Playing catch-up in math is a dangerous habit.**

5. No Make-Up Tests will be given!! If you miss a test your score will be recorded as a zero.
(Possibility of rescheduling test with at least one class meeting advanced notice
One Test score may be replaced with your classwork points)

6. No Food or Drinks consumed in the classroom (campus rule)
(water bottles are o.k. if you keep the cap secure)

7. Cell Phones must be turned off while in the classroom
This rule will be strictly enforced during tests!!!

8. Any Student creating a disturbance or disrupting class may be dropped. (be respectful of other students . . . do not use disrespectful or offensive language)

9. Tutoring is available in the Math Lab or Learning Center (Library)

10. Any evidence of cheating will result in a failing grade!!

11. The last day to drop with a grade of **"W"** is **November 10, 2012**

12. Any student with a documented disability who may need educational accommodations should notify the instructor or the Disabled Student Programs and Services (DSP&S) office as soon as possible:

    DSP&S
    Room 2117
    Health Science Building
    1-760-355 -6312

Beginning Algebra/Math 81
Schedule, Fall, 2012 **

Text: *Introductory and Intermediate Algebra For College Students* 4th ed. by Robert Blitzer

Instructor: Mrs. Riehle

Date	Reading/Homework Assignment
August 21	Sec 1.1, 1.2, 1.3
August 23	Sec. 1.4, 1.5, 1.6, 1.7 (Chapter 1 Review)
August 28	Sec. 1.8 Sec. 2.1 and 2.2
August 30	Sec 2.3 and 2.4
September 4	Sec. 2.5 and 2.6
September 6	Sec. 2.6 and 2.7
September 11	Sec. 3.1 and 3.2
September 13	**Test 1/ Chapters 1 and 2**
September 18	Sec. 3.3 and 3.4
September 20	Sec 3.5 and Sec 4.1
September 25	Sec. 4.2 and 4.3
September 27	Sec. 4.4 and Sec. 5.1
October 2	Sec. 5.2 and 5.3
October 4	**Test 2/ Chapters 3 and 4**
October 9	Sec. 5.4 and 5.5
October 11	Sec. 5.6 and 5.7
October 16	Sec 6.1 and 6.2
October 18	Sec 6.3 and 6.4
October 23	Sec 6.5 and 6.6
October 25	Sec. 7.1 and 7.2

Date	Reading/Homework Assignment
October 30	Sec. 7.3 and 7.4
November 1	**Test 3/ Chapters 5 and 6**
November 6	Sec. 7.5 and Sec. 7.6
November 8	Sec. 7.7 and 8.1
November 13	Sec 9.1 and 9.2
November 15	Sec. 9.3
November 20	**Test 4/ Chapters 7, 8, and 9**
November 22	***Holiday**/ Thanksgiving Day*
November 27	Sec. 10.1 and 10.2
November 29	**Review**
December 4	Final Exam (Final Exam is Comprehensive)

** I reserve the right to change this schedule with due notice to students.