IMPERIAL VALLEY COLLEGE

DATE: 08-20-2013
TO: IVC Academic Services
FROM: Santos M. Moran
SUBJECT: Course Syllabus

Prerequisites: Math 70, 71 with a grade of C or better, or an acceptable score
On the Computerized Placement Test (CPT)

Course No. & Name: **Math 81 Beginning Algebra**

Class Days & Times: **CRN 10626 Tuesday & Thursday from 7:30 to 9:35 AM Hrs**

Course Goals: The students will develop an understanding of fundamental
Concepts, reasoning and skills in **Beginning Algebra**
Necessary for success in further Mathematic Courses

Course Description: The Real Numbers Set and Their Basic Operations, Logical
Development of the laws of **Beginning Algebra**, Theory of
Equations and Inequalities in 1 Variable, Functions & Graphs,
Linear Systems 2 Variables, Polynomials, Factoring, Rational
Expressions, Exponents, Radicals, and a Brief introduction
To Quadratic Equations

Textbook: Introductory & Intermediate Algebra for College Students **4th Edition**

Author: Robert Blitzer

Editors: Pearson

Student Learning Outcomes: Upon Satisfactory completion of this course, the student will
Be able to:
 a) Solve linear equations in one Variable
 b) Factor Polynomial expressions using a variety of methods & solve polynomial
   Equations
 c) Graph linear equations and find values related to linear graphs
 d) Solve Application problems appropriate to beginning algebra
 e) Simplify expressions containing Radical & Rational Expressions
 f) Be able to recognize functions, & to find domain and range of functions

Credit Units: Lecture 4: Lab 0:

Required Material(s): 1) **Textbook (Mandatory by IVC)**
 2) Scientific (TI 30x IIs)/ Graphics Calculator (TI83+),(Both Optional)

Recommended References (optional):
1) Beginning Algebra with Applications 6th Edition
   Aufmann, Barker, Lockwood. Houghton Mifflin Editors
2) Elementary & Intermediate Algebra 1st Edition Tussy, A, & Gustafson, R
   Pacific Grove Books/Cole 2000

Note:
   Any Student with documented disability that may need educational
   Accommodations should notify the instructor on the Disabled Student
   Program and Services (DSP&S) and the office as soon as possible
DSPS Room 2117
Health Science Building PH (760) 355-6312

Student Responsibilities:

Attendance Policy: Under IVC policy students are expected to attend
Every session of class in which they are enrolled
(80% Attendance & 20% Absences)

Withdrawal Policy: If a student is unable to attend the course or must drop the course
For any reason, it will be the responsibility of the student to withdraw from the course
Before the withdrawal deadline **(9 of November of 2013)**

Academic Integrity: Any student participating in acts of academic dishonesty, like stealing, stealing books, work & tests, using unauthorized "crib notes", forging an instructor's signature, Plagiarism will be subject to the procedures and consequences outlined in the IVC code of conduct

Exam & Evaluation Procedures: Grading Band:

1.-3 Exams **(Mandatory)** = 60% (600)   90% (900)-100% (1000) = A
2.-Final Exam **(Mandatory)** = 25% (250)   80% (800)-89% (890) = B
3.-Assignment Credit = 10% (100)   70% (700)-79% (790) = C
4.-Activities Credit=2.5% (25), Participation & SP Projects=2.5% (25) 60% (600)-69% (690) = D
                                                      Below 60% (600) = F

Course Outlines (by Weeks):

- ❑ Chapter 2 Linear Equations and Inequalities in one variable. Week 1, & 2
- ❑ Chapter 3 Linear Equations in 2 variables. Week 3, & 4 (**First Exam**)
- ❑ Chapter 4 Systems of Linear Equations Week 5, & 6
- ❑ Chapter 5 Exponents and Polynomials Week 7, & 8
- ❑ Chapter 6 Factoring Polynomials. Week 9, 10, & 11(**Second Exam**)
- ❑ Chapter 7 Rational Expressions Week 12, & 13
- ❑ Chapter 8 Basics of Functions Week 14
- ❑ Chapter 9 Inequalities and Problem Solving Week 14
- ❑ Chapter 10 Radical Expressions and Functions Week 15 (**Third Exam**)
- ❑ **Final Exam: Week 17 (Fourth Exam)**

All Students with Final Exam = or > 125 Points, this Points Will Be Added to the Global Total Points to get the Final Grade

The Final Points of 125 Represent an Average of 50% of Final Exam

If Final Exam is < 125 points, the Points will be subtracted to the Global Total Points if you are between

40 to 90 Points, If you are below 40, Automatically you will have an F as a final grade.

Assignments:

1) Every Chapter Review Exercise (Total of 7 Home works)
2) Read at least one section in advance per session (Optional & Controlled by Student)

Exams:

Total of 4 Exams (Reference Chart Check-Point = Each Exam)

INSTRUCTOR INFORMATION:

Name: Santos M. Moran
Office Telephone #: (760) 355-6155 Imp CA **(Message Only)**
(928) 314-9449 Yuma AZ **(Message only)**

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