MATH 190   **Pre-Calculus**   **Fall 2013**

General Information:

Instructor: Mardjan (Marj) Shokoufi	**Text/Author:** Pre*calculus, 5*[h] *edition; Blitzer,* Prentice Hall Publisher
Office: 2766	**Chapters Covered:** 1-10
Phone: 355-6401	**Class days/time and location:** TR 10:15-12:45 in 2723
e-mail: mardjan.shokoufi@imperial.edu	**Credit Units:** 5 **Class Code: 10669**
Class Days and Times: TR 10:15-12:45	**Room:** 2723
Office hours in my office room 2766: MW 1-2, T 1:15-2, TH 12:45-2	**Appointment Hours*:** as requested

* A minimum of 24 hours notice need to be given for appointment hours.

Course Description:

This course is a review of numerical, analytical, and graphical properties of functions for students intending to continue further studies in Calculus. Additional topics include: Trigonometric functions, inverse functions, conic sections, and sequences and series.

Prerequisite: Math 140 with a grade of C or higher

Guidelines:
1. Late assignment is **not** accepted
2. **No** make-up test will be given
3. Bring your book, binder, pen, pencil, highlighter, and calculator to the class everyday.
4. It is **your responsibility** to drop before the W deadline
5. **School policy:** No food or drink in the classroom
6. **School policy:** No children allowed in the classroom
7. It is **your responsibility** to take notes and make copies of the notes from the days you have been absent.
8. Maximum number of absence allowed: **2,** being tardy or leaving the class early will count as half absence. The instructor can drop you from the class if the number of absence exceeds the number allowed.
9. Cheating Policy: If a student is caught cheating once then the student will receive a zero for the particular work and will not be allowed to drop that grade. If a student is caught cheating a second time, the student will receive an F for the course and will be referred to the college administration for further disciplinary actions. Examples of cheating include, but are not limited to, submitting someone else's work as your own, and using unauthorized materials on the exams.
10. Cell phones and pagers: need to be turned off during the class time.

Philosophy: This course is designed to have you learn facts while gaining an appreciation of the power of mathematics and getting ready for your future advanced courses in this field. My responsibility is to do my best to be an effective guide, while you are responsible to make a commitment to learning and keeping up with the daily work.

Material needed: Textbook, binder (1.5 or 2 inch), filler paper, pen, pencil, highlighter, graphing calculator, and access to a stapler.

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

DSP&S
Room 2117
Health Sciences Building
(760) 355-6312

SLO: IVC has developed SLO (student learning outcomes) for the institution and the courses.

Institutional Student Learning Outcomes:
Students who complete a degree or certificate at Imperial Valley College will demonstrate competency in these five areas: communication skills, critical thinking skills, personal responsibility, information literacy, and global awareness.

MATH 190 Student Learning Outcomes:
Students who successfully complete MATH 190 at Imperial Valley College will demonstrate competency in these five areas: computing the difference quotient, solving triangles using appropriate trigonometric laws, solving application problems involving logarithmic or exponential functions, finding roots of polynomials of degree 3 or more, and ability to perform various operations with functions both graphically and algebraically.

Grading:

11 Homework sets* @ 10 points each	**100** (one count as extra credit)
4 Tests @100 points each	**400** (See the attached calendar for dates)
Final (cumulative)	**200**(See the attached calendar for date)
Total	**700**

*Each set would consist of 50 to 150 exercises, depending on the material

Grading Scale: The standard grading scale will be used: 90%=A, 80%= B, 70%-C, 60%=D, less than 60% will result in the grade of F.

630-700 points = A
560-629 points = B
490-559 points = C
420-489 points = D
Zero –419 points = F

Learning resources: Me, the tutors at the library and at the Math Lab

Tips for Success:
- **Expect to spend 2-3 hours for every one hour spend in the class for review, reading and doing homework**
- **Read your textbook before the class lecture**
- **Take good notes in the class**
- **Read your notes**
- **Do your homework**
- **Avoid getting behind**
- **Get help when needed**
- **Form a study group**
- **Be organized**

Test 1---------   HW 1--------------   HW 7--------------
Test 2---------   HW 2--------------   HW 8--------------
Test 3--------   HW 3--------------   HW 9--------------
Test 4--------   HW 4--------------   HW 10-------------
                         HW 5--------------   HW 11-------------
                         HW 6--------------

WEEK	DAY	SCHEDULE	Note
1	T	Intro, review, 1.1-1.2	
1	TH	1.3 - 1.4	
2	T	1.5 - 1.6	
2	TH	**HW 1,** 1.7 - 1.8	Deadline to drop
3	T	1.9 - 1.10	
3	TH	**HW 2,** 2.1 - 2.3	
4	T	2.4 - 2.5	
4	TH	**T 1, HW 3**	
5	T	2.6 - 2.7	
5	TH	2.8 – 3.1	
6	T	3.2 - 3.4	
6	TH	**HW 4**, 3.5 – 4.2	
7	T	4.3 - 4.6	
7	TH	**T 2, HW 5**	
8	T	4.7 - 4.8	
8	TH	5.1 - 5.3	
9	T	**HW 6**, 5.4- 5.5	
9	TH	6.1 – 6.3	
10	T	6.4 – 6.6	
10	TH	**T 3, HW 7**	
11	T	6.7- 7.2	
11	TH	7.3 - 7.4	
12	T	**HW 8,** 7.5 - 8.1	
12	TH	8.2 - 8.4	Deadline to drop with W
13	T	8.5 – 9.3	
13	TH	**HW 9,** 9.4, 9.5, 10.1	
14	T	10.2 - 10.4	
14	TH	**T 4, HW 10**	
15	T	10.5	
15	TH	**No Class**	
16	T	**FINAL, HW 11**	
16	TH	**No Class**	