

General Information:

Instructor: Mardjan (Marj) Shokoufi	Text/Author: <i>Precalculus, 5th edition; Blitzer,</i> 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: 20156
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 is a course intended for students who need a thorough foundation before attempting calculus. Included will be the study of the real number system, exponential, logarithmic, and trigonometric functions, the complex numbers, theory of equations, and systems of equations.

Prerequisite: Math 140 with a grade of C or higher

COURSE OBJECTIVES

Upon satisfactory completion of the course, students will be able to:

1. Demonstrate a solid knowledge of the general concepts of functions.
2. Demonstrate the ability to work with polynomial and rational functions in the complex number system.
3. Demonstrate a working knowledge of exponential and logarithmic functions.
4. Demonstrate knowledge in the formulation of analytic trigonometry.
5. Demonstrate the ability to solve application problems involving trigonometry.
6. Demonstrate a strong foundation in the introduction to trigonometry.
7. Demonstrate skills in analytic geometry.
8. Demonstrate basic knowledge of sequences and series.

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.

Guidelines and Attendance Policy:

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. A student who fails to attend the first meeting of a class or does not complete the first mandatory activity of an online class will be dropped by the instructor as of the first official meeting of that class. Should readmission be desired, the student's status will be the same as that of any other student who desires to add a class. It is the student's responsibility to drop or officially withdraw from the class. See General Catalog for details.
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. Regular attendance in all classes is expected of all students. A student whose continuous, unexcused absences exceed the number of hours the class is scheduled to meet per week may be dropped. For online courses, students who fail to complete required activities for two consecutive weeks may be considered to have excessive absences and may be dropped.
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. Absences attributed to the representation of the college at officially approved events (conferences, contests, and field trips) will be counted as 'excused' absences.

Academic Honesty:

- Plagiarism is to take and present as one's own the writings or ideas of others, without citing the source. You should understand the concept of plagiarism and keep it in mind when taking exams and preparing written materials. If you do not understand how to correctly 'cite a source', you must ask for help.
- Cheating is defined as fraud, deceit, or dishonesty in an academic assignment or using or attempting to use materials, or assisting others in using materials, or assisting others in using materials, which are prohibited or inappropriate in the context of the academic assignment in question.

Anyone caught cheating or will receive a zero (0) on the exam or assignment, and the instructor may report the incident to the Campus Disciplinary Officer, who may place related documentation in a file. Repeated acts of cheating may result in an F in the course and/or disciplinary action. Please refer to the General School Catalog for more information on academic dishonesty or other misconduct. Acts of cheating include, but are not limited to the following: (a) plagiarism; (b) copying or attempting to copy from others during an examination or on an assignment ;(c) communicating test information with another person during an examination; (d) allowing others to do an assignment or portion of an assignment, (e) use of a commercial term paper service

Classroom Etiquette and Netiquettes:

- Electronic Devices: Cell phones and electronic devices must be turned off and put away during class unless otherwise directed by the instructor.
- Food and Drink are prohibited in all classrooms. Water bottles with lids/caps are the only exception. Additional restrictions will apply in labs. Please comply as directed.
- Disruptive Students: Students who disrupt or interfere with a class may be sent out of the room and told to meet with the Campus Disciplinary Officer before returning to continue with coursework. Disciplinary procedures will be followed as outlined in the General Catalog.
- Children in the classroom: Due to college rules and state laws, no one who is not enrolled in the class may attend, including children.
- Online communications: Students participating in electronic activity must interact with others in a supportive, positive and cooperative manner and display respect for the privacy and rights of others. Remember to be courteous about what you say to or about others in any electronic format as you would have done in a regular classroom setting. The golden rule is "Remember the Human"; there is a real person with real feelings on the receiving end of your email or post. Have an open mind and be respectful to opinions and ideas that differ from yours. The exchange of diverse thoughts, ideas and opinions are an important part of the scholarly environment. Capitalizing whole words is generally seen as SHOUTING and is often offensive to the reader. Use all capital letters sparingly, such as to highlight an important word or point. Always read what you have written before posting.

Disabled Students Program and Services:

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

Student Counseling and Health services:

Students have counseling and health services available, provided by the pre-paid Student Health Fee. We now also have a fulltime mental health counselor. For information see

<http://www.imperial.edu/students/student-health-center/>. The IVC Student Health Center is located in the Health Science building in Room 2109, telephone 760-355-6310.

Students Rights and Responsibilities:

Students have the right to experience a positive learning environment and due process. For further information regarding student rights and responsibilities please refer to the IVC General Catalog available online at

http://www.imperial.edu/index.php?option=com_docman&task=doc_download&gid=4516&Itemid=762

Information Literacy:

Imperial Valley College is dedicated to help students skillfully discover, evaluate, and use information from all sources. Students can access tutorials at <http://www.imperial.edu/courses-and-programs/divisions/arts-and-letters/library-department/info-lit-tutorials/>

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:

Upon course completion, the successful student will have acquired new skills, knowledge, and or attitudes as demonstrated by being able to:

1. Compute the difference quotient of a function. (ILO2)
2. Solve triangles using appropriate trigonometric laws. (ILO2)
3. Solve applications problems involving logarithmic and exponential functions. (ILO2)
4. Find roots of polynomials of degree 3 or higher. (ILO2)
5. Apply function operations both algebraically and graphically. (ILO2)

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)
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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-----
 Test 2-----
 Test 3-----
 Test 4-----

HW 1-----
 HW 2-----
 HW 3-----
 HW 4-----
 HW 5-----
 HW 6-----

HW 7-----
 HW 8-----
 HW 9-----
 HW 10-----
 HW 11-----

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

Note

Deadline to drop

Deadline to drop with W