

**General Information:**

<b>Instructor:</b> Mardjan (Marj) Shokoufi	<b>Text/Author:</b> Trigonometry 10 <sup>th</sup> edition; Lial, Hornsby, etc, Pearson Publisher
<b>Office:</b> 2766	<b>Chapters Covered:</b> 1-8
<b>Phone:</b> 355-6401	<b>Class Code:</b> 20235
<b>e-mail:</b> mardjan.shokoufi@imperial.edu	<b>Credit Units:</b> 3
<b>Class Days and Times:</b> TR 10:15-11:40	<b>Room:</b> 2723
<b>Office hours:</b> MW: 8-8:35, MTWR: 9:45-10:15, R:11:40-12:30	<b>Appointment Hours*:</b> as requested

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

**Course Description:**

Right angle trigonometry and applications, unit circle trigonometry, graphs of trigonometric functions, inverse trigonometric functions, trigonometric identities, solving triangles using the Laws of Sines and Cosines, and polar coordinates will be covered.

**Prerequisite:** Math 90 or 91 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 140 Student Learning Outcomes:**

Students who successfully complete MATH 140 at Imperial Valley College will demonstrate competency in these 3 areas:

1. Verify trigonometric identities (ILO2)
2. Solve a triangle given two sides and the angle in between. (ILO2)
3. Show understanding in solving trigonometric equations (ILO2)

**Grading:**

<b>11 Homework sets* @ 10 points each</b>	<b>100</b> (one count as extra credit)
<b>3 Tests @100 points each</b>	<b>300</b> (See the attached calendar for dates)
<b>Final (cumulative)</b>	<b>200</b> (See the attached calendar for date)
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<b>Total</b>	<b>600</b>

\*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.

**540-600 points = A**  
**480-539 points = B**  
**420-479 points = C**  
**360-419 points = D**  
**Zero -359 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-----

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

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

WEEK#/ Week of	SCHEDULE	Note
1- Jan 14	Intro, review, 1.1-1.3	
2- Jan 21	<b>HW 1</b> , 1.4, 2.1-2.2	Deadline to drop
3- Jan 28	2.3, 2.4	
4- Feb 4	<b>HW 2</b> , 2.5, 3.1	
5- Feb 11	<b>Test 1, HW 3</b> , 3.2, 3.3	
6- Feb 18	3.4, 4.1, 4.2, 4.3	
7- Feb 25	<b>HW 4</b> , 4.4, 4.5	
8- Mar 4	<b>HW 5</b> , 5.1 - 5.3	
9- Mar 11	<b>Test 2, HW 6</b> , 5.4, 5.5	
10- Mar 18	<b>HW 7</b> , 5.6, 6.1, 6.2	
11- Mar 25	<b>HW 8</b> , 6.3, 6.4, 7.1	
12- Apr 8	<b>HW 9</b> , 7.2, 7.3, 7.4	Deadline to drop with W
13- Apr 15	7.5, 8.1, 8.2	
14- Apr 22	<b>Test 3, HW 10</b> , 8.3, 8.4	
15- Apr 29	8.5, review	
16- May 6	<b>FINAL, HW 11</b>	