

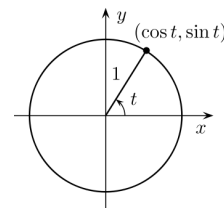
- COURSE SYLLABUS - FALL 2012 -CAÑADA COLLEGE -
ANALYTIC TRIGONOMETRY - MATH 130 AB - 4 UNITS
<http://www.smccd.net/accounts/hoffmann>

Meeting Times: MW 8:30-10:30pm + 16 HBA
Location: 22-118
Duration: Aug 20th - Dec 18th
CRN 92127

Instructor: Michael Hoffman
Office: 18-104
Office Hours: M-Th 4-6pm in Math Lab or *By Appointment*.
Contact Info: hoffmanm@smccd.edu, 650-267-0825

• **Required Materials:**

1. **Text Book:** *Trigonometry* by Yoshiwara and Yoshiwara
2. **Graphing Calculator:** TI-83+ or TI-84
3. **Supplies:** Binder, dividers, ruler, protractor, pencil and eraser.



- **Prerequisites:** Math 120 with a grade of C or better or appropriate score on the college placement test.
- **Coverage:** We will cover all of chapters 1 - 8 and section 9.1. More if time allows.
- **Course Objectives:** By the end of this course you should be able to...
 1. Solve both right and oblique triangles in context.
 2. Use radians to solve applied problems involving arc-length.
 3. Produce and interpret graphs of the six trigonometric functions including transformations.
 4. Use algebra and identities to solve trigonometric equations and verify identities.

Expectations and Evaluation of Students

- **Letter Grades:** The following represents your grade break down:

$$F < 60\% \leq D < 70\% \leq C < 80\% \leq B < 90\% \leq A$$

		Categories		
Homework	15%	Exams	50%	
Mastery Quizzes	10%	Final Exam	20%	
Hours By Arrangement	5%			

- **Homework:** Homework will be assigned and collected at each class meeting. If you're not doing the homework, chances are you are not learning the Math. Please show all of your own work for full credit and box your answers. I will drop your lowest homework score. You will receive two homework coupons good for turning in two homework assignments late without penalty. Attach one to each late assignment that you wish to be graded. No other late homework will be accepted.
- **Mastery Quizzes:** Mastery quizzes make up 10% of your grade and will be given at the beginning of class every Wednesday. You must score at least 80% on a quiz to pass and no partial credit will be given. If you do not pass, you will receive a 0% for the quiz, if you pass, your score will be 100%. You will be allowed a total of three attempts on each mastery quiz, but you must take the additional two during office hours or make an appointment. All attempts must be completed within two weeks of the original quiz date. If you miss a quiz in class, that counts as your first attempt.
- **HBA in the Learning Center:** As a part of this course, you will need to complete 16 worksheets in the Math Lab and log in for at least 16 hours. Hours by arrangement will count for 5% of your grade. Worksheets are due every Friday by 3 pm. You will need to submit them to a tutor or instructional aide in the Math Lab before it closes for the weekend each week. No late work will be accepted, but you can turn them in early.

- **Study Time:** For every hour of class time it is expected that students will spend at least two hours studying, doing homework or otherwise working on the course. This means you should schedule at least 8 hours each week outside of class-time to work on the course. If you don't have at least that amount of time, you don't have time to succeed in this class.
- **Participation:** This includes working on projects or selected problems with other students and presenting results to the whole class. Also, if you don't attend class, you are not participating. You are expected to be present and engaged in class activities.
- **Exams** Four exams will be given, each worth 12.5% of your grade. No makeup exams will be given. If your lowest exam score is lower than your final exam score, then that exam score will be replaced by your final exam score. No makeup tests will be given.
- **Final Exam:** There will be a cumulative final exam on **Dec 18th from 8:10 - 10:40 am.** You must take the final exam at this time, NO EXCEPTIONS!

Policies

- **Classroom Conduct:** Be polite and be respectful to everyone in the class. Please do not talk or be loud when it is not appropriate. Cell phones must be silent and mp3 players must be turned off and put away. **Cell phone use during an exam or quiz will result in a 0.** Use of electronic devices with the exception of calculators is prohibited during class time. Any use of electronic devices during class - this includes text messaging and checking your phone - will result in you being asked to leave class for the day.
- **Attendance:** You should plan on arriving to class on time and staying for the duration of the class. If you arrive late or need to leave early, please do so quietly as to not disrupt the class. If you must be absent, please notify me in advance. It is your responsibility to obtain the class notes and assignments from another student so you can catch up. Attendance will be taken daily.
- **Academic Integrity:** Do not cheat. For example, do not talk to or consult other students, share calculators or use disallowed materials during an exam or quiz. If you are caught cheating or helping someone cheat, you will receive a 0 for that activity and an Academic Integrity Violation Report will be filed. If you cheat on a mastery quiz, you will receive a 0 for that quiz and cannot retake it. If you are unsure of what constitutes cheating, see http://www.canadacollege.edu/inside/acad_integrity
- **Adding & Dropping:** Please make sure to add or drop yourself from this class. If you stop coming to class, it is your responsibility to drop yourself, otherwise you will receive an F for the course.

Resources For Success

- **Your Commitment:** The first step to succeeding in this course is to make a commitment to it. Think about your priorities. How is passing this class related to your goals? How are you going to follow through on that commitment?
- **Your Book:** Read the relevant sections of the book before beginning the Homework. Try to follow the examples and ask questions about them.
- **Your Classmates:** Two heads are better than one! Meet with a classmate to work on the homework or utilize the Discussion board to ask questions of the class.
- **Your Professor:** I encourage you to take advantage of my office hours or to schedule appointments to talk to me. I can also be reached by email or on my cell phone.
- **Tutoring:** Please visit the Learning Center on the second floor of building 9 for tutoring.
- **DRC:** If you have a disability which may require classroom or test accommodations, please contact Disability Resource Center (DRC) in Building 9, Room 133 or call DRC at (650) 306-3259. Please make arrangements with me at the beginning of the semester or as soon as possible.

Important dates: Mark these important dates on your calendar or organizer.

Aug. 31 st Last Day to Add / Drop With Refund	Nov 15 th Last Day to Withdraw with a "W"
Sep 5 th Holiday (No Class)	Dec 12 th , 8:10 - 10:40am Final Exam
Sep 9 th Last Day to Drop Without "W"	