Course Description: This is a 3-unit course in trigonometry, for students who have passed Geometry (Math 104, 104R or high school geometry) AND Intermediate Algebra (Math 106, 106R or high school algebra II) with a C or better or have a qualifying score on the placement exam. This course covers angles, vectors, the basic trigonometric functions and their inverse functions, the unit circle, graphs, equations, identities, the laws of sines and cosines, and applications of trigonometry.

Student Learning Outcomes:
1. Solve a trigonometric equation.
2. Describe trigonometric and inverse trigonometric functions symbolically, graphically, and numerically.

Course Materials: You must purchase access to the online homework system WebAssign, which comes with an electronic textbook. You do not have to buy a physical copy of the textbook. You can purchase access to WebAssign online OR you can buy a WebAssign access code in the bookstore.

Everyone will be signing up for WebAssign through a link in Canvas Modules. You will not need a Classkey, but you do need to be enrolled (not on the waitlist). Get signed up by the 1st week of class.

Calculator: You will need to have your own graphing calculator to complete the work for this course. A cell phone CANNOT be used during exams as a calculator. You also cannot use a CAS calculator (CAS = Computer Algebra System, so the TI-Nspire CX CAS and TI-89 are not allowed, but most other graphing calculators are okay). I will use a TI-83+ or TI-84 in class for demonstrations.

Office Hours: I am available at these times to help you with your coursework, so please drop by or call whenever you have questions or want to talk to me about the class. No appointment is needed for these times; other times to meet can also be arranged.

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<tr>
<th>MTWTh</th>
<th>8:30 – 9 am</th>
<th>SM 3B</th>
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<tr>
<td>Tuesdays</td>
<td>12:30 – 1:45 pm</td>
<td>SM 5</td>
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<td>(Math Resource Center)</td>
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COURSE REQUIREMENTS AND GRADES

HOMEWORK (online and written):
You will be turning in your homework using an online system called WebAssign. This is a tool that gives instant feedback by checking your answers and gives you access to the electronic textbook. There is a 50% penalty for late homework, so pay close attention to the due dates in WebAssign.

Although the homework answers are submitted online, you will still work out the problems on paper first. You will get credit for that written work, which should be shown to me in class when requested. To get credit, your written work must be organized and written out neatly, not just scratch paper. I recommend you keep your written work in a notebook, labeled with the section numbers, and bring the notebook to class every week (or as announced) to be checked.

EXAMS: There will be 4 exams, all on Wednesdays: September 20, October 11, November 8 and November 29. There will be no makeups. If you miss 1 exam with a valid excuse, your final will be used to replace that grade. No exam scores will be dropped. You will be able to gain some points back on one exam, by doing exam corrections.

ATTENDANCE: Attendance will be checked at every class meeting. If you miss more than 10% of the class meetings (3 days) without a valid excuse, you may be dropped. You will earn an attendance bonus of at most 1% on your overall course grade at the end of the semester by attending regularly.

FINAL EXAM: The cumulative final will be Wednesday, December 13, 11:50 am-1:50 pm. You may not bring notes in any form to the final exam.
**CANVAS:** Course grades will be posted on the Canvas website: [https://wvm.instructure.com](https://wvm.instructure.com)
Be sure to log into Canvas regularly to check on your progress and to see announcements and handouts.

**COURSE GRADE:** Your course grade will be a weighted average:

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<th>Exams (4):</th>
<th>64%</th>
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<tr>
<td>Online homework:</td>
<td>8%</td>
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<tr>
<td>Written homework:</td>
<td>8%</td>
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<tr>
<td>Final Exam:</td>
<td>20%</td>
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**GRADE SCALE:**

- **A** 90-100%
- **B** 80-89%
- **C** 70-79%
- **D** 60-69%
- **F** 0-59%

**DROPPING THE COURSE:** If you do not drop by November 18, you will receive a grade in the course, even if you have stopped attending. This class can only be taken for a letter grade.

**CLASSROOM EXPECTATIONS:** The following guidelines will create a comfortable and productive learning environment throughout the semester.

You can expect me:

- To start and end class on time and to attend all of my office hours.
- To reply to e-mail within 24 hours on weekdays and 48 hours on weekends.
- To assign homework that adequately covers the material and meets the learning objectives of the course.
- To give exams which accurately reflect the material covered in class and assigned in homework and to grade them promptly and fairly.

I can expect you:

- To come to class on time and to be attentive and engaged in class.
- To refrain from using laptops, cell phones and other electronic devices during class.
- To spend an adequate amount of time on the homework each week, making an effort to solve and understand each problem.
- To be supportive of classmates and patient with their learning differences.
- To seek help when appropriate.

**GETTING HELP:** If you are having trouble with the course material, please come see me right away. For help from other sources on campus, the Math Resource Center (Room SM 5) and Tutorial Services (behind the library) are staffed with faculty and student tutors for free drop-in help. **To use the Math Resource Center you must register for the free (0 unit) class LS110M. To use Tutorial Services, you must register for the free (0 unit) class LS 110.**

**ETHICAL CONDUCT:** I hope that you will choose to seek help from me instead of choosing to cheat. Cheating includes, but is not limited to: using unauthorized notes (written or electronic), using books or unauthorized formulas or online access during an exam, sharing calculators, looking at another student’s exam or sharing answers, copying homework solutions (from a student, from a website or from a solutions manual) or having someone else do your work. Any student who is caught cheating will receive a 0% for that exam or assignment. Two offenses will earn you a grade of F in the course.

**ACCOMMODATIONS FOR A DISABILITY:** If you anticipate or experience academic barriers based on a disability (including permanent disabilities or chronic or temporary medical conditions), please let me know immediately so that we can privately discuss options. You may also register with the Disability and Educational Support Program (DESP) to establish reasonable accommodations. After registration, DESP will notify me of your approved accommodations. If a course policy does not appear to agree with an approved accommodation, please come speak with me about it. The DESP office is located in the LS building, their phone number is (408) 741-2010 (voice) or (408) 741-2658 (TTY). Information about their services can be found at [www.westvalley.edu/desp](http://www.westvalley.edu/desp)

**SAFETY PROCEDURES:** In the event of a safety drill or emergency, please listen for instructions from your instructor. Do not leave campus until your instructor knows you got out safely. Stay with your class until you are told it is safe to go. We will assemble in Parking Lot 2 in the case of a drill or emergency.