



Valhalla High School/ Cuyamaca College

College Algebra/Math 170

Period 3 Section number: 3075

Period 6 Section number: 3076

Course Syllabus 2025



Instructor	Mrs. Medin	Phone	(619) 593-5449
Room	Room 605	E-mail	smedin@guhsd.net

Brief Description of the Course:

Theoretical approach to the study of the trigonometric functions with emphasis on circular functions, trigonometric identities, trigonometric equations, graphical methods, vectors and applications, complex numbers, and solving triangles with applications. Successful completion of MATH 170, 175 is equivalent to the successful completion of MATH 176.

Prerequisite Skills and Knowledge:

“C” grade or higher or “Pass” in MATH 110 or appropriate placement.

Student Learning Outcomes

Upon successful completion of this course, students will be able to:

- 1) Identify special triangles and their related angle and side measures;
- 2) Evaluate the trigonometric function of an angle in degree and radian measure;
- 3) Manipulate and simplify a trigonometric expression;
- 4) Solve trigonometric equations, triangles, and applications;
- 5) Graph the basic trigonometric functions and apply changes in period, phase and amplitude to generate new graphs;
- 6) Evaluate and graph inverse trigonometric functions;
- 7) Prove trigonometric identities;
- 8) Calculate vector sum, vector products, dot products, vector magnitudes and vector angles;
- 9) Analyze physical problems and create trigonometric relationships involving triangles, the coordinate system, the unit circle or vectors.

Texts and Materials:

The text for this course is “PreCalculus, 11th edition, Sullivan”. MyLabMath software will be used in this class to access eBook for homework and quizzes. Additional materials needed for this course includes pencils, a 3-ring binder for Math consisting of lined paper, and a graphing calculator (TI-84+, TI-84 CE recommended).

Habits of Mind (for college Preparation)

- **Build Intellectual Perseverance** (the persistent pursuit of knowledge)
 - Promote the value of a strong work ethic
 - Cultivate sustained effort through repeated practice
- **Develop Metacognition**
 - Encourage thinking about the quality of one’s own and others’ thought processes
 - Practice intellectual humility
 - Become comfortable with the discomfort of ambiguity
- **Create Intellectual Curiosity and Rigorous Engagement**
 - Foster a desire to know
 - Require inquiry and investigation

Assignments

Homework

- Students are required to complete homework using MyLabMath software. Homework is due by the posted due dates on MyLabMath. It is extremely important for you to work ALL homework in order to be prepared for the exams. If you are not keeping up with the work in the course, it will most likely be obvious in your homework and test grades. Late work is subject to 10% penalty everyday up to two days.
- If a student experiences any technical difficulties with MyLabMath, be sure to use the online help and technical support from the software company. If a student continues to have trouble accessing or navigating the software, please contact me via email for some individual help. Homework grades will be transferred into Infinite Campus at the end of each unit.

Quizzes

- In Class Mid Chapter Quizzes will be given periodically. They are worth 10% of your grade.
- On-line End of the chapter quizzes will be assigned. You will have two attempts. The higher score will be kept. You will have a set time for each quiz. They are worth 10% of your grade.
- Quiz grades will be transferred into Infinite Campus at the end of each unit.

Exams

- There will be 5-6 in class unit exams and a comprehensive final exam at the of the semester.

Final Exam

- The final exam will be a comprehensive exam. All students will take the exam at the same time on the assigned date.
- To earn a grade of C or better in the class, the student must earn an overall grade of C or better AND a D or better on the final assessment(s).

Grading

- Homework = 15%; Quizzes = 20%; Exams = 50%; Comprehensive Final = 15% of your grade
- A = (100 - 90%), B = (89 - 80%), C = (79 - 70%), D = (69 - 60%), F = (below 60%)
- *Grades will be updated on infinite campus at the end of each unit.*

The instructor reserves the right to add/change/delete points during the semester.

Assignment	% of Total
Homework	15%
In – Class Quizzes	10%
On line Quizzes	10%
Unit Exams	50%
Final Exam	15%
Overall Percentage	100%

Late Work

- Assignments for this course should be completed on time so that we are all moving through the class together. Sometimes, though, life gets in the way of learning. In unexpected situations leading to late work, please contact me to discuss a plan for success. The best way to plan for the unexpected is to get an early start on each assignment. Late work is subject to 10% penalty everyday up to two days.

Attendance

- If you are absent, it is your responsibility to watch the video recording for the lesson you missed and log into MyLabMath to do your homework to avoid falling behind. If you are absent on the day of the test or quiz, you will be expected to take it immediately upon your return.

Tutoring

- Attending tutorial sessions: Monday – Friday from 7:25– 8:25 AM.
- [Tutoring](#) is also available through Cuyamaca College for free. Students can make a zoom appointment with Cuyamaca College tutors in addition to the tutoring I provide at Valhalla High School.

- **Tutoring hours for fall at Cuyamaca College:**
 - In-Person Tutoring hours are M-F 9-4
 - Online (Zoom) Tutoring hours are M 9:30-4, T 9:30-7, W 9:30-7, Th 9:30-4, F 9:30-4

Classroom Behavior/Cell Phone Policy/Tardy

- Appropriate behavior is required for this class.
- Tardy: Tardiness affects the learning environment and is unacceptable. There will be school-wide tardy consequence.
- All cell phones must either be turned off or put on silent during class time. They are not allowed on desks during class at all and are not to be used as a calculator or a clock.
- Cell phones and earbuds are NOT to be used in classrooms, restrooms, and school offices, unless otherwise explicitly stated by a teacher or staff member. Cell Phones/earbuds are acceptable to use during lunch and passing periods.
- **During instructional time, cell phones/earbuds must not be a distraction to the student or others around them.**
- Cell phones must be placed in lockers, backpacks, or another location away from students and their desks during class unless explicitly invited by a staff member to take it out.
- Students abusing the cell phone policy will have their devices confiscated and turned into the office. Confiscated cell phones will be returned to the student at the end of the day. Progressive discipline will apply for subsequent violations.

Academic Integrity

- Academic dishonesty of any type by a student provides grounds for disciplinary action by the instructor. In written work, no material may be copied from another without proper quotation marks and appropriate documentation.
- By enrolling in MyLabMath course, you agree that you are the person accessing and completing the work for this course and will not share your username and password with others.
- In order to ensure fairness and high academic standards, any actions which violate the principles of academic integrity through dishonesty or cheating are given serious consideration, in particular, awareness of the following definitions is essential in order to know what represents academic dishonesty:

Cheating:

- Intentionally using or attempting to use unauthorized materials, information, notes, study aids or other devices or materials in any academic exercise. Unauthorized materials may include anything or anyone that gives a student assistance, and has not been specifically approved in advance by the instructor.

Complicity:

- Intentionally or knowingly helping, or attempting to help, another to commit an act of academic dishonesty.

Plagiarism:

- The appropriation of another person's ideas, processes, results, or words without giving appropriate credit.
- Any form of academic dishonesty which is observed will be noted. The student will be informed of why his/her behavior falls under this category and cannot be allowed. The event will then be reported under the guidance of VHS procedure. Depending on the severity of the circumstances, disciplinary action may be taken. Please be aware that while your instructor does not suspect every student of attempting to engage in dishonest behavior or cheating, certain measures may be taken during the semester to encourage integrity, honesty, and learning. Some of these measures may include asking for calculators to be cleared and for all electronic devices (except for those approved) to be put away. **If you have a cell phone or other electronic device (watch) in your possession during any exam, any quiz, or the final, you will receive a zero**

PARENT LETTER AND SIGNATURE

Dear Parent(s)/Guardian(s),

I would like to welcome you and your student to my class. To be successful in this course, students need to develop the ability to reason mathematically. To do so, students need to think about what they already know and then connect this knowledge to the new ideas they are learning. When students understand that connecting prior learning to new ideas is a normal part of their education, they will be more successful in this mathematics course and those following this course. The student’s responsibilities for learning mathematics include the following:

- Be in class on time
- Actively contributing to class discussion
- Participating and completing all assignments in a timely manner
- Listening when others are speaking
- Not distracting other students from the opportunity to learn
- Not using cell phones during class or homework time
- Attempting to provide help when asked by other students
- Emailing the teacher with questions, comments or concerns
- Attending tutorial sessions: Monday – Friday from 7:25 – 8:25 AM
- Be Responsible
- Make Wise Choices. If you are unsure, ask your teacher for guidance.

Assisting your child to understand and to accept these responsibilities will lead to success in this course, to develop mathematical reasoning, and to form habits that will help him/her become a lifelong learner. If your child is struggling with the materials in this course, he or she can seek extra assistance by asking questions during tutorial meetings, by networking with other students in the class, and/or by emailing the teacher.

I would like to thank you for the support and assistance that you give your child at home. Feel free to contact me at smedin@guhdsd.net if you have any questions or concerns.

Please sign below to acknowledge that you, both parent and student, have read and understand the preceding information regarding the classroom expectations and grading policies in Math 170.

I have read and understand the course requirements and grading policies in Math 170.

Student Name (printed)	Student Signature	Date
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Parent Name (printed)	Parent Signature	Date
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I pledge that **I will not engage in any activity that might be construed as plagiarism**, a form of cheating. I will not print, retype, or copy/paste material from the internet and submit it as my work.

Student signature required: _____ Syllabus is subject to change