



College of Southern Nevada, Spring 2026
Math 127 – Precalculus II (DE)
Sections 3201, 3202

INSTRUCTOR CONTACT INFORMATION

Instructor: Eric Hutchinson

Office: West Charleston H101C

Office Phone: (702)-651-7512

Sort Code: WCH101

Email Address: eric.hutchinson@csn.edu

Office Hours: Mondays - Thursdays: 10a – 10:45a, 1:15p – 1:45p or online by appointment

NOTE: The best way to contact me is through my CANVAS email. You can also contact me through my CSN email: eric.hutchinson@csn.edu. NOTE: I will be sending all course announcements through CANVAS. You can choose an email address to have your CANVAS announcements forwarded to, so make sure this is an address you regularly check and is active.

Response time to student questions: I will reply to your email questions within 24 hours on most days, including weekends.

COURSE INFORMATION

Website: <http://www.hutchmath.com> This web site contains PDF copies of the syllabus, schedule, test review problems, notes, and videos. From the web site, click on MATH 127. No password is needed. Note: you can also access my homepage by opening a web browser and enter “Eric Hutchinson” and CSN in the search box. To find out more about your instructor, you can click on MY BIO. There is also a link to the tutoring center on the main web site. NOTE: We will NOT be using Canvas in this course other than for communication.

Software: We will be using MyOpenMath (www.myopenmath.com). This is a free online learning management system in which you will do all your homework. This site will also contain your gradebook. (See registration instructions at the end of the syllabus). Also contained in MyOpenMath is the lecture notes, textbook link, and test review materials.

Calculator: This course requires a scientific calculator. A recommended scientific calculator is the TI-30XS Multiview. It has math print mode, so it displays exact answers in radical or fraction form. If you already have a graphing calculator then you may use during the exams.

Course Description: Topics include an in-depth investigation of trigonometric functions and their graphs, analytic trigonometry, solutions of triangles, vectors, and analytic geometry.

Objectives:

- 1) Analyze trigonometric and parametric function properties.
- 2) Graph trigonometric and parametric functions.
- 3) Verify trigonometric identities.
- 4) Solve trigonometric and parametric equations.
- 5) Solve triangles using the Law of Sines and the Law of Cosines.
- 6) Analyze the concept of vector and polar coordinates.
- 7) Investigate properties of conic sections.

Prerequisite: MATH 126 with grades of C or better, or Satisfactory SAT/ACT/Placement Test score. Note: This course is essential for students planning to take calculus.

GRADING

Grading Policy: All course content, homework, quizzes, exams, and grades are managed in MyOpenMath. The Canvas gradebook is not used in this course. Final course grades will be determined solely by the gradebook in MyOpenMath. Your grade will be based on the percentage you earn from online homework assignments, tests, and the final exam. Students should regularly check their progress in MyOpenMath to ensure accuracy and stay up to date with their grades. (See more detailed descriptions below.)

Grade Distribution:

- Online Homework Assignments – 20% of your overall grade
- Tests – 50% of your overall grade (Note that **all** tests count. The lowest test is **not** dropped.)
- Final Exam– 30% of your overall grade

Grading Scale: I assign overall grades according to the below scale. Overall grades are given with teacher discretion, and overall percentages are rounded to the nearest tenth.

| | |
|----------------|-----------------|
| A 92% or above | C+ 78 – 79.9% |
| A- 90 – 91.9% | C 70 – 77.9% |
| B+ 88 – 89.9% | D+ 68 – 69.9% |
| B 82 – 87.9% | D 60 – 67.9% |
| B- 80 – 81.9% | F less than 60% |

Additional Note Concerning Audit and Withdraw Grades: If you stop attending class or quit completing the required work, you will NOT be assigned an automatic “W” or “Withdraw” grade; you will receive a grade based on your percentage shown above on the grading scale. If you wish to be withdrawn from this course, it is your responsibility to officially drop the course by the drop date listed in the college catalog/schedule of classes, which for this semester is April 3rd (last day to audit is also April 3rd). The instructor CANNOT assign a “W” or “AU” as a final grade under any circumstances.

CLASS POLICIES

Standard of work: To receive credit for your work, it is important to not only provide the correct answer, but also to show the correct steps and reasoning behind your solution. If your work is difficult to read or understand, or if it is missing important details or is presented in an unclear or inconsistent manner, you may lose credit, even if your final answer is correct. It is important to present your work in a logical and understandable way and to ensure that it is consistent with your final answer.

Makeup Policies / Extensions:

- You are allowed up to 5 individual homework section extensions this semester. Please email me if you request a homework extension. Extensions cannot be applied to review assignments.
- No test redos are allowed.
- Makeup exams will be given if an exam is missed for a documented valid reason. Valid reasons include illness or medical procedure, accident, family emergency, mandatory work trainings, death in the family, and active participation in scholarly or athletic events. Invalid excuses include technical difficulties, needing more time to study, or other tests during the same week. If an exam is missed for a legitimate reason, an attempt *must* be made to contact me by the day of the exam (preferably before the exam is given) to let me know of your difficulty and provide necessary documentation. If you must miss an exam due to a prearranged conflict (such as work conflicts), let me know about it so that we can arrange an alternate exam date. Any makeup exams must be taken before the next class meets. Once the tests are passed back, no makeups will be allowed.

Technical Difficulties: You may experience technical difficulties related to computer connections or equipment during the term. This cannot be used as an excuse for failure to complete assignments. It is your responsibility to locate the computer hardware, software, and Internet connections necessary to stay connected and current with your course work.

Conduct/Responsibilities:

- All work done for this course is to be your own.
- Cheating and scholastic dishonesty will not be tolerated. Dishonest work on an exam will result in a zero on that assignment. No exceptions. Furthermore, any confirmed plagiarism and cheating incidents will be reported to the Department Chair and/or Academic Dean. The use of any mathematical solving apps/programs (i.e. Photomath, etc.) is considered cheating and is prohibited.
- Please treat fellow classmates and the instructor with courtesy and respect.
- In the event that you find another student's words, actions, or demeanor to be frightening or offensive, please inform the instructor.

Concerns - If you have any concerns about this course and/or me, please contact me first. If I cannot resolve your issue, please contact the Math Department at by phone at 702-651-5428 or email at math@csn.edu. If the issue is not resolved by the chair, then please contact the Dean of SEM by phone at 702-651-3625. You will remain anonymous, if possible, and all communications will be strictly confidential. Please DO NOT wait until the last minute to make your concerns known to me and/or to the Math Department and/or the dean.

CLASS ASSIGNMENT DETAILS

- **Syllabus Quiz** – You will begin the course by completing a quiz in MyOpenMath covering the information and policies laid out in this syllabus. You must earn a perfect score on the Syllabus Quiz before any of the other assignments will be made available to you. If you do not get a perfect score, review your answers and this syllabus, and then retake the Syllabus Quiz. You will be given as many attempts as you need to achieve a perfect score. The Syllabus Quiz will count as one of your homework assignments. **Please note that this assignment (in conjunction with registering in this course in MyOpenMath) will be used to verify student participation in the course. Students who do not complete this assignment by Tuesday, January 27th, will be dropped from the course, with tuition and fee liability per the Course Registration & Withdrawal CSN policy. Policy details are given later in this syllabus.**
- **Homework Assignments** – You will be responsible for submitting weekly online homework assignments. Each week there will be a group of homework section assignments due on Sunday nights at 11:59pm. All online homework assignments will be completed in MyOpenMath. Your first homework assignment is due Sunday, 1/25. Each week there are multiple sections of homework due, so you will want start working immediately once the course begins. These homework assignments make up 20% of your overall grade. These homework assignments are not something you can finish in an afternoon. There are numerous problems to do so it's best to work on it in short chunks several times a week versus spending hours and hours on one day. The attached MOM registration instructions will explain how to access the homework.
- **Tests** – There will be 3 paper and pencil, closed-book tests. (see schedule for dates and which sections each exam covers). You are NOT allowed any notes on Tests 1, 2, or 3 (no notecards are allowed either). I will have sample exams for the exams which are available from my website and MyOpenMath. Each test will be done with paper and pencil outside of MyOpenMath. Each exam will be open for four days in the three main CSN testing centers. Test 1 will be open from 2/17/26 to 2/19/26. Test 2 will be open from 3/30/26 to 4/2/26. Test 3 will be open from 5/4/26 to 5/7/26. You can take the exams in the testing center anytime during these windows by making an appointment in RegisterBlast. The testing centers are open Monday through Friday from 8am to 5pm (last test given at 3pm). Be sure to bring a government issued ID (CSN IDs are not accepted). A scientific or graphing calculator is allowed for the tests as long as it is not on a mobile device. You must bring your own calculator. No books or notes are allowed. The average of Test 1, Test 2, and Test 3 make up 50% of your overall grade.
- **Final Exam** – The final is a departmental, comprehensive, closed book exam which will be open in the three main CSN testing centers from 5/11/26 to 5/14/26. You can take the exams in the testing center anytime during this window by making an appointment in RegisterBlast. Some formulas will be provided. You MAY NOT use your mobile device as a calculator during a test, however you may bring your own scientific or graphing calculator. The final exam is worth 30% of your overall grade. There are no redos or makeups for the final exam.
- **Extra Credit** – In MyOpenMath, there will be an online test review assignment for each exam that will become available the week before each exam. This will allow you to earn up to 5% that will be added to your exam percent. These assignments resemble the problems on the sample exams and are designed to help you review for the exam. In addition, your two lowest homework scores from the whole semester will be dropped. Besides these, no other extra credit assignments will be offered.

CSN POLICIES AND RESOURCES

Course Registration and Withdrawal Policy: students, without previous arrangement with the instructor or department, who fail to attend the first two (2) class meetings of a course that meets multiple times per week or the first (1st) meeting of a class that meets one (1) time per week may be administratively withdrawn from the course. Non-attendance/non-participation for an online course shall be defined as failure to log onto CANVAS or other instructor-designated websites AND complete one educational activity such as a discussion post or assignment submission within one (1) week of the course start date without prior arrangements made with the instructor or department. A student may be administratively withdrawn from an online course(s) for non-participation or attendance per this policy. To view the policy, go here:

<https://www.csn.edu/sites/default/files/documents/policies-and-procedures/2024.05-Course-Registration-and-Withdrawal-Policy.pdf>

Academic Integrity: You are expected to complete your own work in this class. Using artificial intelligence to generate work, or claiming work done by others is plagiarism. Furthermore, cheating on exams or lab exercises is not fair to students who are honestly studying. Cheating is also subject to penalties, which can include getting a zero for the exam or lab exercise or failing the course. The full list of possible penalties is listed in the CSN Student Academic Integrity Policy. Please make yourself familiar with this policy (https://www.csn.edu/sites/default/files/documents/policies-and-procedures/2017_academic-integrity-policy_2_0.pdf).

Sex-Based Harassment and Discrimination: CSN is committed to creating a safe and open learning environment for all students. In accordance with Title IX of the Education Amendments of 1972, CSN prohibits unlawful sex-based harassment against any participant in its education programs or activities. Sexual-based harassment includes quid pro quo (this for that) harassment, a hostile environment, and criminal sexual violence (including sexual assault, dating/domestic violence, and stalking.) This prohibition applies to CSN students, employees, and visitors. Incidents of sex-based harassment or discrimination should be reported to CSN's Title IX Coordinator, at titleixcoordinator@csn.edu, or 702-651-7481 or University Police Department at 702-895-3669 to report a crime.

AI Usage Statement: Any use of generative AI tools is strictly prohibited for all assignments, exams, and projects in this course. All work must be completed independently, without AI assistance at any stage, from initial planning to final submission. Suspected use of generative AI will be investigated as a violation of CSN's Academic Integrity policy under the definition of 'cheating,' specifically 'receiving aid not permitted by the instructor.' Potential consequences may include a warning, grade reduction, course failure, or academic probation, depending on the severity of the violation.

Students' Rights and Responsibilities Pertaining to CSN Policies and Services: When you choose to become a student at CSN, you accept the rights and responsibilities of membership in CSN's academic and social community. You can find policies covering students such as the Student Conduct, Students' Right to Know, Students' Academic Integrity, and Disruptive and Abusive Student in the Catalog and Student Handbook at <https://www.csn.edu/catalog> (in the Policies and Procedures section), and the CSN Website at <https://www.csn.edu/policies-procedures> under the heading "Student Policies."

CSN Americans with Disabilities (ADA) Statement and Disability Resource Center (DRC) Contact Information

CSN is committed to equal opportunity and access in education for all students, including those with disabilities. The CSN Disability Resource Center provides support to students with documented medical, mental health, or learning disabilities and students who need support due to pregnancy. To register with the DRC, students should complete the new student application in the AIM DRC tile in GoCSN. Students are encouraged to register with the DRC as early as possible in or prior to the start of the academic term. The granting of any accommodation will not be retroactive and cannot jeopardize the academic standards or integrity of the course.

Please Note - Instructors are not allowed to provide classroom accommodations to a student until appropriate verification from the DRC has been provided. **If a student qualifies for testing accommodations through the DRC, all exams must be scheduled and taken through the DRC. Instructors cannot provide testing accommodations (such as extended time or a reduced-distraction setting) outside of the DRC.** If you have questions, please contact the DRC directly (702-651-5644) or visit <https://www.csn.edu/disability-resource-center> for additional information.

Pregnant Students: CSN prohibits discrimination based on sex in education programs and activities. This prohibition on discrimination extends to pregnancy and related conditions—including childbirth, lactation, false pregnancy, termination of pregnancy, and recovery therefrom—as well as to parental and family status. If you are pregnant or have a pregnancy-related condition, and you are in need of accommodation because of your pregnancy or pregnancy-related condition, you must contact Title IX Coordinator, at titleixcoordinator@csn.edu or 702-651-7481, or the Disability Resource Center at 702-651-5644 for West Charleston, 702-651-3795 for Henderson, and 702-651-4045 for North Las Vegas to explore reasonable accommodation.

Centers for Academic Success: Centers for Academic Success (CAS) provides quality DROP-IN academic assistance to all students enrolled in for-credit courses at CSN. Tutors are available for most general education courses and many other historically challenging courses. Academic learning support includes drop-in assistance with learning strategies, Canvas, online tutoring, Microsoft Office, writing, oral presentations, math, and science. CAS tutors also facilitate study groups for courses (e.g., biology, math, and chemistry). CAS is open Monday through Sunday. Hours for all locations are Monday – Thursday, 9:00 am to 6:00 pm, and Friday – Sunday, 11:00 am to 4:00 pm. You may visit www.csn.edu/centers-academic-success for more details about CAS services. You may also contact us at one of our offices: Charleston Centers 702-651-5732, North Las Vegas Learning Commons 702-651-4232, Henderson Learning Commons 702-651-3125.

Academic Advising: Academic Advisors help students assess academic strengths and limitations, learn academic success strategies, explore careers, declare a major, navigate the educational system, access campus and community resources, and connect to campus life. Contact Information: Charleston Campus: Building D – Student Services Area : 702–651–5670, North Las Vegas Campus: Student Services Area : 702–651–4049, Henderson Campus: Building B – Room 120 : 702–651–3165.
<https://www.csn.edu/advising>

Tutor Chat: TutorChat is a free, live, online chat service accessible by CSN students at <https://csncentersacademicsuccess.libanswers.com/> or in the navigation menu of your Canvas courses. TutorChat is designed to answer your quick questions, help you form successful study habits, and show you

how to use Canvas and other resources for student success, such as online tutoring and MyCoyoteSuccess workshops, accessed in GoCSN. Quick questions are defined as assistance with topic formulation, proper MLA or APA citation formatting, and development of outlines including thesis statement, introduction clarity, and appropriate conclusion. TutorChat staff can start audio video sessions and give you information on how to connect with a Centers for Academic Success tutor, which is an in-person service FREE to you. For more information, you can chat with us or submit a question. TutorChat is open to all enrolled CSN students.

*If you need assistance outside their normal business hours, please submit a question at TutorChat. They usually respond within 24 hours.

Safety Procedures: Approved classroom safety procedures are posted in each classroom and are to be followed. Students are to familiarize themselves with the nearest exit to use during fire alarm exercises. Do NOT use the elevators during these drills. Students will take ALL personal belongings with them when exiting the building. No student will be allowed back into the facility until the all clear is given.

Public Health Directives: Students must follow all active CSN public health directives while enrolled in this class, CSN public health directives are found at <https://www.csn.edu/wellness>. Students who do not comply with these directives will be asked to leave the classroom. Refusal to follow the guidelines may result in further disciplinary action according to the CSN Student Conduct Code https://www.csn.edu/sites/default/files/documents/student_conduct_code_policy_1.pdf, including being dropped from the course.

Library Support: CSN Libraries provide support for students completing assignments that require research and the use of information. Librarians are available to students for one-on-one assistance locating and citing quality information either online <https://library.csn.edu/ask/> or at one of our campus libraries. Find more information on our website <https://library.csn.edu/>.

Instructor's Policy on Objectionable Materials: Instructors have the responsibility to set and maintain standards of classroom behavior appropriate to the discipline and method of instruction. No objectionable materials or language will be used during this class. This includes all possible modes of the class: online and in person. The instructor will make the final determination regarding any objectionable materials or language. Students may not engage in activity the instructor deems disruptive or counterproductive to the goals of the class. Instructors have the right to remove offending students from that class session.

Disclaimer: The instructor reserves the right to modify the following schedule as necessary (Reminder: This schedule is tentative). It is the students' responsibility to be aware of any changes made. The instructor also reserves the right to change the schedule in any manner at any time with written notification. This syllabus is a contract. Staying in this course signifies your agreement to the contents.

Homework Due Dates for MATH 127 (DE) SPRING 2026

| Week | Dates | Sections | Homework Due Date: |
|-------------|--------------|------------------------------|---------------------------|
| 1 | 1/19 – 1/25 | Sec. 4.1 | 1/25/26 @ 11:59P |
| 2 | 1/26 – 2/1 | Sec. 4.2, 4.3 | 2/1/26 @ 11:59P |
| 3 | 2/2 – 2/8 | Sec. 4.4, 4.5 | 2/8/26 @ 11:59P |
| 4 | 2/9 – 2/15 | Sec. 4.6, 4.7 | 2/15/26 @ 11:59P |
| 5 | 2/16 – 2/22 | Test 1 Review Assignment | 2/22/26 @ 11:59P |
| 6 | 2/23 – 3/1 | Sec. 5.1, 5.2 | 3/1/26 @ 11:59P |
| 7 | 3/2 – 3/8 | Sec. 5.3, 5.4 | 3/8/26 @ 11:59P |
| 8 | 3/9 – 3/15 | Sec. 5.5 | 3/22/26 @ 11:59P |
| 9 | 3/23 – 3/29 | Sec. 6.1, 6.2 | 3/29/26 @ 11:59P |
| 10 | 3/30 – 4/5 | Test 2 Review Assignment | 4/5/26 @ 11:59P |
| 11 | 4/6 – 4/12 | Sec. 6.3, 6.6 | 4/12/26 @ 11:59P |
| 12 | 4/13 – 4/19 | Sec. 6.7, 9.1 | 4/19/26 @ 11:59P |
| 13 | 4/20 – 4/26 | Sec. 9.2, 9.3 | 4/26/26 @ 11:59P |
| 14 | 4/27 – 5/3 | Sec. 9.5 | 5/3/26 @ 11:59P |
| 15 | 5/4 – 5/10 | Test 3 Review Assignment | 5/10/26 @ 11:59P |
| 16 | 5/11 – 5/14 | Final Exam Review Assignment | 5/14/26 @ 11:59P |

EXAM DATES:

TEST 1 (Sec. 6.1 – 6.5, 7.1, 7.2, 8.1)

Available 2/17/26 – 2/19/26

TEST 2 (Sec. 7.3 – 7.7, 8.2, 8.3)

Available 3/30/26 – 4/2/26

TEST 3 (Sec 9.1, 9.4, 9.5, 10.2 – 10.4, 10.7)

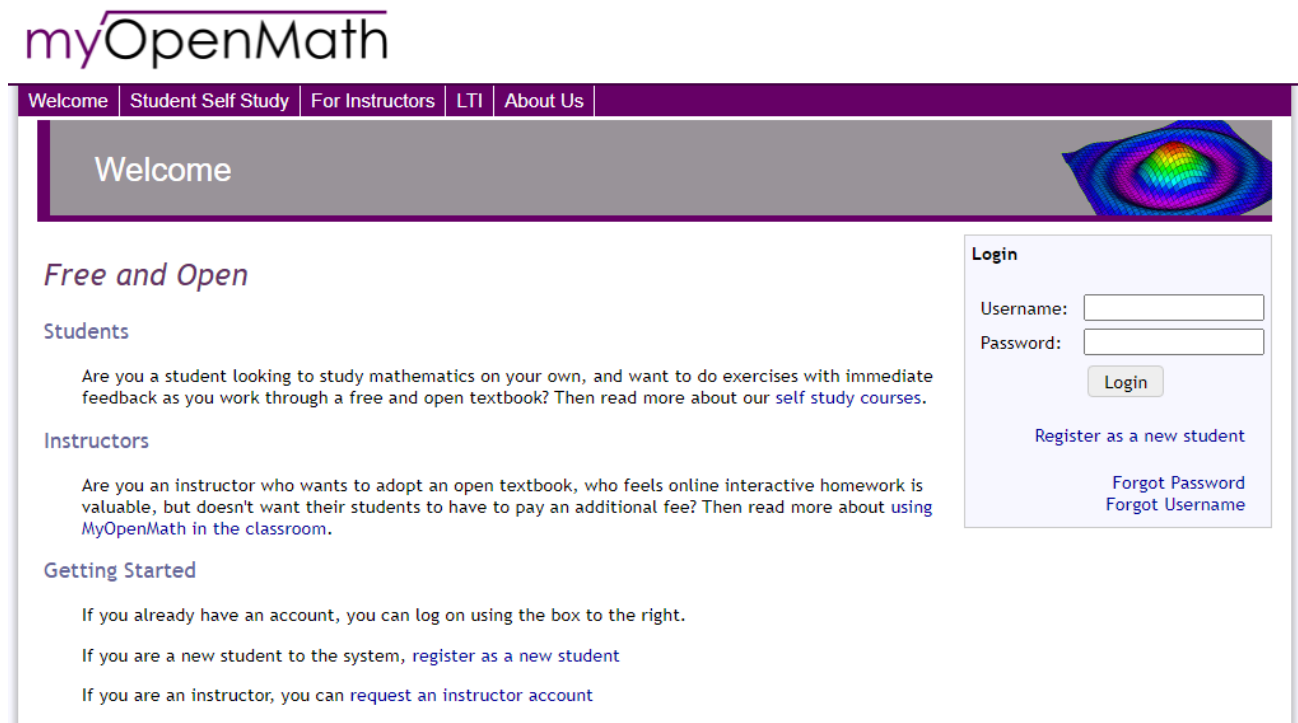
Available 5/4/26 – 5/7/26

FINAL EXAM (CUMULATIVE)

Available 5/11/26 – 5/14/26

MyOpenMath Registration Instructions

To begin the registration process you can either click on the [registration link](#) or enter www.myopenmath.com into your preferred browser and find the registration link there:



The screenshot shows the MyOpenMath website. At the top is a purple navigation bar with links: Welcome, Student Self Study, For Instructors, LTI, and About Us. Below this is a grey banner with the word 'Welcome' and a colorful fractal image. The main content area is divided into sections: 'Free and Open' with a sub-section 'Students' explaining the platform for self-study; 'Instructors' explaining the platform for adoption; and 'Getting Started' with instructions for existing users, new students (linking to 'register as a new student'), and instructors (linking to 'request an instructor account'). On the right side, there is a 'Login' box with fields for 'Username:' and 'Password:', a 'Login' button, and links for 'Register as a new student', 'Forgot Password', and 'Forgot Username'.

Please read ALL of the following instructions first.

1. Username: I strongly recommend that you use your CSN username as that will be one less thing to remember/forget.
2. Password: Again, I recommend that you use your CSN password for ease of memory.
3. Password, again.
4. First Name: Please use the same first name you gave when you enrolled at CSN.
5. Last Name, Please use the same last name you gave when you enrolled at CSN.
6. Email Address: Again, I recommend that you use your CSN email address.
7. Thirteen years of age and older / Terms of Use: You must click these.
8. Course ID: Log into our course in CANVAS to find the Course ID.
9. Enrollment Key: Log into our course in CANVAS to find the Enrollment Key.

After you have filled out the above fields in a manner consistent with the above stipulations then click 'sign up' and you should be able to follow a link on that page that will take you directly to the course homepage where you can get started. If you have any issue with the registration process please don't hesitate to contact me at with your questions, concerns, and/or problems.