



Math 127 Precalculus II
Class number 87538/Section 3007
Room: Web-remote
Time: TuTh 6:00 PM – 7:20 PM

Fall 2020 Course Syllabus

Course Information

Instructor Information

- Instructor: Dr. Doug Scheib
- Email: douglas.scheib@csn.edu (preferred mode of communication)
- Office Hours: By appointment

Course Description:

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

Prerequisite:

- MATH 126 with a Grade of C or Better; or a Satisfactory ACT/SAT/Placement Test Score.

Textbook & Course Materials:

- *Precalculus, First Edition* by Julie Miller and Donna Gerken
- ALEKS Class Code: LL3F6-EPAPR (for online homework)

Class Lectures

- We will hold virtual live lectures during our class meeting time on Tuesdays and Thursdays from 6:00 PM – 7:20 PM.
- Virtual live lectures will be held in the following Webex room:
<https://csnedu.webex.com/csnedu/j.php?MTID=m024c6fefff99380e9c20632decfce595>
- Virtual live lectures will be recorded and posted online for educational purposes. Your name, voice, comments, and likeness may be captured as part of this recording, depending on your involvement. At login, you will be asked for your name and email address. Please use your CSN Email Address – it remains private and will only be seen by the instructor. The name you enter can be seen by other participants and may be captured as part of recording. By participating in virtual live lectures, you are acknowledging awareness that, depending on your involvement, your name, voice, comments, and likeness may be recorded and shared online. If you are uncomfortable participating with these acknowledgements, please contact your instructor prior to participating in virtual live lectures to discuss your concerns.

Website:

- I will maintain a course website at www.drdougmath.com. I will post handouts, lecture notes and videos, exam information, interactive applets, and announcements on this website, so you should check it at least once per day. Students will be responsible for information posted on this website.
- I will post grades and information on Canvas, so be sure to check there regularly as well. Students will be responsible for information posted on Canvas.

Calculator:

- A scientific calculator **will be necessary** for this course.
- I recommend the TI-30XS Multiview, although any scientific calculator will do.
- If you already have a graphing calculator, you may use it; however, work done on a graphing calculator without supporting work and thought process to demonstrate content mastery will not receive credit.
- Calculators on cell phones or any device which is capable of any other function aside from calculating are **not** allowed. Sharing of calculators will **not** be allowed on tests, so be sure you have your calculator with you.

Other Requirements:

- I will create interactive applets from time to time, which can be opened on Windows, Mac, or Linux using [Wolfram's free CDF player](#). Wolfram has apps for mobile devices and the web; however, you will need to pay for a subscription to open the interactive applets via the apps, which is not recommended.
- All exams will be proctored online. In order to take proctored exams online, students will need a working webcam and microphone on their computer. See the equipment requirements on ProctorU's website: <https://support.proctoru.com/hc/en-us/articles/115011772748-Equipment-Requirements>.

Objectives

Outcomes: At the end of the course, students will be able to:

- Analyze trigonometric and parametric function properties.
- Graph trigonometric and parametric functions.
- Verify trigonometric identities.
- Solve trigonometric and parametric equations.
- Solve triangles using the Laws of Sines and Cosines.
- Analyze the concepts of vectors and polar coordinates.
- Investigate properties of conic sections.
- Apply and extend all concepts.

Grading Policy

Tests:

- There will be three 80-minute midterm exams throughout the semester. The tentative dates and coverage are listed below. The date and/or coverage of each exam is subject to change. There will also be a **mandatory, cumulative final exam** given on the last day of class.
- Make-up policy: Any student who needs to miss an exam must make arrangements with the instructor at least three days prior to the exam. In the event of an emergency where less than

three days notice is not possible, the student must provide documentation of the emergency. The instructor reserves the right to decline to offer a make-up exam to any student for any reason. Students must retake the missed exam within one week of the scheduled exam date.

There will be no make-up exam for the final exam.

- Each midterm exam is worth 20% of the final grade for a total of 60% of the final grade. The final exam is worth 25% of the final grade. The final exam score will replace the lowest midterm exam score, provided the final exam score is higher than the lowest midterm exam score and the lowest exam score wasn't the result of missing an exam.
- In order to receive full credit on exams and assignments, be sure to **show all work**. An incorrect answer with supporting work can earn you more points than a correct answer with insufficient work. Remember that the onus is on you to demonstrate that you know the material and know what you are doing.
- All exams will be proctored online. In order to take proctored exams online, students will need a working webcam and microphone on their computer. See the equipment requirements on ProctorU's website: <https://support.proctoru.com/hc/en-us/articles/115011772748-Equipment-Requirements>.
- Tentative exam coverage (subject to change)
 - Exam #1: Thursday, September 24th – Sections 4.1 – 4.7
 - Exam #2: Thursday, October 29th – Sections 5.1 – 5.5, 6.1 – 6.3
 - Exam #3: Thursday, December 3rd – Sections 7.1, 7.4 – 7.5, 10.1 – 10.3, 10.6
 - Final Exam: Thursday, December 10th – All sections

Homework:

- Your homework will be done online in ALEKS. To access the homework you'll need the Class Code listed above. ALEKS calls the online homework "objectives." Most objectives will be due at 11:59pm the Monday after the section is completed in class. The official due date for each objective will be provided on the course website and listed in ALEKS. Extensions will not be given, even in cases of technical issues or emergency, so be sure you work on your homework far enough in advance of the due date that any unexpected issues don't prevent you from completing your homework on time.
- Homework is worth 15% of the final grade.

Grading Scale:

Final grades assigned for this course will be based on the combined percentages of the three midterm exams, the final exam, and homework. Final grades will be assigned as follows:

Letter Grade:	Percentage:
A	90 – 100%
B+	88 – 89.9%
B	80 – 87.9%
C+	78 – 79.9%
C	70 – 77.9%
D+	68 – 69.9%
D	60 – 67.9%
F	Below 60%

Policies:

Cell Phones and other Electronic Devices:

Cell phones and all other electronic devices that have another function aside from just being a calculator are not permitted on exams.

Attendance:

We will hold virtual live lectures during our class meeting time on Tuesdays and Thursdays from 6:00 PM – 7:20 PM in the following Webex room:

<https://csnedu.webex.com/csnedu/j.php?MTID=m024c6fefff99380e9c20632decfce595>

Attendance is **NOT** required but is strongly recommended. Virtual live lectures will be recorded and posted online for educational purposes. Your name, voice, comments, and likeness may be captured as part of this recording, depending on your involvement. At login, you will be asked for your name and email address. Please use your CSN Email Address – it remains private and will only be seen by the instructor. The name you enter can be seen by other participants and may be captured as part of recording. By participating in virtual live lectures, you are acknowledging awareness that, depending on your involvement, your name, voice, comments, and likeness may be recorded and shared online. If you are uncomfortable participating with these acknowledgements, please contact your instructor prior to participating in virtual live lectures to discuss your concerns.

Honesty:

Presenting the work or ideas of others violates the CSN's Student Academic Integrity Policy. Cheating on exams or other course work also violates the CSN Student Academic Integrity Policy. You can find more information about CSN's Academic Integrity Policy at <https://at.csn.edu/documents/student-academic-integrity-policy>. The minimum penalty for such offenses in this course is to fail the exam or assignment. Failing the course will also be considered as an option. Infractions of the CSN Student Academic Integrity Policy may lead to suspensions, expulsion, transcript notations or other sanctions.

Services:

Centers for Academic Success (CAS):

Centers for Academic Success (CAS) provides quality DROP-IN academic assistance to all students enrolled in for-credit courses at CSN. CSN CAS Tutors are available online through Smarthinking, which is accessed in the Canvas online learning management system. View a tutorial video on how to access CSN Tutors/Learning Assistants online at How to Access CSN Tutors in Smarthinking. You may choose "Submit a Question" if you don't have time for a live session. A Tutor responds to offline questions within 24 hours. Contact us at one of campus phone numbers, and we will assist you with accessing all learning support. Academic learning support includes assistance with placement test preparation, learning strategies, Canvas, Smarthinking online tutoring, Microsoft Office, reading, writing, oral presentations, math, and science. CAS Tutors also provide support in facilitating study groups. You may experience embedded learning assistance in one of your first-year courses. Professors and CAS Staff will make you aware of how to access services as part of your course curriculum. CAS is open Monday through Sunday to be more accessible to all students – Monday – Thursday 9:00 a.m. to 6:00 p.m. and Friday – Sunday 11:00 a.m. to 4:00 p.m. Smarthinking tutors are available 24/7. You may visit www.csn.edu/centers-academic-success for more details or contact us at one of our offices during our regular operational hours: Charleston Centers (702-651-5732), North Las Vegas Learning Commons (702-651-4232), Henderson Learning Commons (702-651-3125).

*Students will receive notification as on-ground tutoring services resume.

Disability Resource Center:

The College of Southern Nevada is committed to making physical facilities and instructional programs accessible to students with disabilities. If you have a disability that may have some impact on your work in this class and for which you may require accommodations, please visit the Disability Resource Center (DRC) so that such accommodations can be considered. All discussions will remain confidential. The Disability

Resource Center (DRC) has offices at all three campus locations as the focal point for coordination of services for students with disabilities. If you have a physical, emotional, or mental disability that “substantially limits one or more major life activities (including walking, seeing, hearing, speaking, breathing, learning and working),” and will require accommodation in this class, please contact the DRC at WC (702) 651-5644 , or email at WCDRCStaff@csn.edu at NLV (702) 651-4045, or email at CYDRCStaff@csn.edu and at HNC (702) 651-3795, or email at HCDRCStaff@csn.edu. For Deaf and Hard of Hearing Services contact (702) 651- 4448, or email at Deaf.HH.Services@csn.edu. Students that receive accommodation letters, please meet with me to discuss the provisions of those accommodations as soon as possible.

Libraries:

CSN Libraries provides 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/>).

Students' Rights and Responsibilities:

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 following locations:

- Catalog and Student Handbook: <https://www.csn.edu/catalog> in the Policies and Procedures section.
- CSN Website: <https://www.csn.edu/policies-procedures> under the heading “Student Policies.”

Other Information

CSN Student Email:

All students enrolled at CSN have a CSN Student Email account. Beginning February 1, 2020, all information from the college will be sent to your CSN-issued student email address (enrollment information, financial aid information, cashier information, college events, etc.). It is extremely important that you check your student email daily. You can access your student email through GoCSN (go.csn.edu). Once you validate your student email address you will have access to Microsoft Office 365 for up to five devices and 1Tb of OneDrive storage (as a current CSN student). www.csn.edu/email

Important Dates:

The following dates represent important college-wide events:

- Sun., Sept. 6th – Last Day to Drop a Class WITHOUT a Grade of W for a 16-week Session
- Fri., Oct 30th – Last Day to Drop a Class WITH a Grade of W for 16-week Session
- Thurs., Nov. 26th – No Class (Thanksgiving)

Tentative Schedule:

The following dates and coverage are subject to change.

Day	Date	Section	Objective Due Date
Tu	8/25	Introduction & Syllabus	
Th	8/27	4.1	M 8/31 at 11:59pm
Tu	9/1	4.2	M 9/7 at 11:59pm
Th	9/3	4.3	M 9/7 at 11:59pm
Tu	9/8	4.4	M 9/14 at 11:59pm
Th	9/10	4.5	M 9/14 at 11:59pm
Tu	9/15	4.6	M 9/21 at 11:59pm
Th	9/17	4.7	M 9/21 at 11:59pm
Tu	9/22	Exam #1 Review	
Th	9/24	Exam #1: Lessons 4.1 – 4.7	
Tu	9/29	5.1	M 10/5 at 11:59pm
Th	10/1	5.2	M 10/5 at 11:59pm
Tu	10/6	5.3	M 10/12 at 11:59pm
Th	10/8	5.4	M 10/12 at 11:59pm
Tu	10/13	5.5	M 10/19 at 11:59pm
Th	10/15	6.1	M 10/19 at 11:59pm
Tu	10/20	6.2	M 10/26 at 11:59pm
Th	10/22	6.3	M 10/26 at 11:59pm
Tu	10/27	Exam #2 Review	
Th	10/29	Exam #2: Lessons 5.1 – 5.5, 6.1 – 6.3	
Tu	11/3	7.1	M 11/9 at 11:59pm
Th	11/5	7.4	M 11/9 at 11:59pm
Tu	11/10	7.5	M 11/16 at 11:59pm
Th	11/12	10.1	M 11/16 at 11:59pm
Tu	11/17	10.2	M 11/23 at 11:59pm
Th	11/19	10.3	M 11/23 at 11:59pm
Tu	11/24	10.6	M 11/30 at 11:59pm
Th	11/26	No Class: Thanksgiving	
Tu	12/1	Exam #3 Review	
Th	12/3	Exam #3: Lessons 7.1, 7.4 – 7.5, 10.1 – 10.3, 10.6	
Tu	12/8	Final Exam Review	
Th	12/10	Final Exam: All Lessons	

*The instructor reserves the right to change the syllabus during the semester if needed. It is the student's responsibility to be aware of changes made.