

Math 127: Precalculus II

Mathematics and Statistics Department, University of Nevada, Reno
Section 1002, TuTh 10:30-11:45am, WRB 2030
Spring 2018

INSTRUCTOR INFORMATION

Instructor: Adrienne Petersen
Email: arpetersen@unr.edu
Website: www.arpetersen.com
Office: DMS 233
Office Hours: Tuesday Thursday 12-1:30pm

REQUIRED MATERIALS

Textbook: "Precalculus" 10th Edition by Sullivan (Also available online at www.MyMathLab.com)
Calculator: Scientific calculator and knowledge of operating calculator

COURSE DESCRIPTION

Trigonometric functions, identities and equations, conic sections, complex numbers, polar coordinates and vectors. Credit may not be received for Math 127 if credit has already been awarded for Math 128 or higher.

PREREQUISITE

One of the following: ACT 27, SAT 610, Math 126 C, Accuplacer EA 80 and CLM 84

CORE OBJECTIVES

This course satisfies the university core mathematics requirement and meets the Core Objective CO2 Quantitative Reasoning: Students will be able to apply quantitative reasoning and mathematical analysis methodologies to understand and solve problems.

STUDENT LEARNING OUTCOMES

Upon completion of this course, a student will be able to solve trigonometric equations, convert between Cartesian and polar coordinates, and analyze equations of central conics.

GRADING

Your course grade will be determined by the following:

Homework	15%
Quizzes	10%
Exams	45%
Final Exam	30%

The grading scale will be as follows:

A	92.0 – 100%	C	70.0 – 77.9%
A-	90.0 – 91.9%	D+	68.0 – 69.9%
B+	88.0 – 89.9%	D	62.0 – 67.9%
B	82.0 – 87.9%	D-	60.0 – 61.9%
B-	80.0 – 81.9%	F	0 – 59.9%
C+	78.0 – 79.9%		

No rounding up will be done, no exceptions. You need at least a D to pass this class and earn core math credit. You need at least a C to move on to the next math class.

HOMEWORK

All homework assignments are to be completed on www.MyMathLab.com. Due dates will be posted online. It is your responsibility to keep up with the homework and due dates. You may work on your homework after the due date with a 50% penalty until midnight of the day before the next exam. You are allowed to work on homework with your classmates, a tutor, or in the math center. Getting help on homework is encouraged and is not considered cheating.

All students must register for this course online by going to www.MyMathLab.com and following the instructions. You will need a valid email address, course ID (**The course ID for this class is petersen15953**) and student access code (comes with textbook or is purchased online) to register. All students must register by Friday, January 26. If you need assistance registering, please call tech support at 1-800-677-6337.

RECITATIONS

Every Friday you will have a recitation section led by our TA. There will be a graded quiz in every recitation that will make up 10% of your overall grade. There will also be time for you to ask questions from lecture or homework, so you are encouraged to review the week's homework **before** recitation. Your two lowest recitation scores will be dropped at the end of the semester. Absolutely no early or late quizzes/activities will be given. Your TA will give you a syllabus with their policies and contact information at the first recitation. It is your responsibility to make sure that your recitation grades are entered correctly on the MyMathLab gradebook. Any grading error must be reported to the instructor or TA in writing within 1 week of posting.

EXAMS

There will be 3 exams and a comprehensive final exam. Please see the class schedule below for exam dates. Exams will be a combination of multiple choice and free response. Free response may or may not be graded with partial credit. A scientific calculator will be allowed on Exam 3 only. Formula sheets may be provided for some exams. You must have your UNR student ID with you for all tests. If you are late to an exam 10% will be deducted from your exam score. Any student participating in official school activities that will interfere with tests must make arrangements with me two weeks prior to the test that will be missed. Any student requiring accommodations through the DRC must schedule their exams on the same day as the in class exam. No late or early exams will be given unless you have a documented medical emergency. It is your responsibility to make sure that your exam grades are entered correctly on the MyMathLab gradebook. Any grading error must be reported to the instructor or TA in writing within 1 week of posting.

AVAILABLE RESOURCES

Your student fees cover usage of the Math Center (PSAC 300, www.unr.edu/mathcenter), Tutoring Center (PSAC 320, www.unr.edu/tutoring), and University Writing Center (PSAC 350, www.unr.edu/writing_center). These centers support your classroom learning; it is your responsibility to take advantage of their services. Keep in mind that seeking help outside of class is the sign of a responsible and successful student.

DISABILITY STATEMENT

The Department of Mathematics and Statistics supports providing equal access for students with disabilities. Any student with a disability needing academic adjustments or accommodations is requested to speak with me or the Disability Resource Center (PSAC 230, www.unr.edu/drc) as soon as possible to arrange for appropriate accommodations.

EMAIL

Email is a formal means of communication between you and your professor or TA. Make sure to use correct grammar, capitalization, and punctuation. You should include your full name, class name, and section number on every email. Any email not following these guidelines may be returned to you for revision. You should try to resolve any issues or questions with your TA before emailing your professor. Many questions can be answered by reviewing our syllabus, schedule, and website. Please allow 1-2 business days for a reply.

ACADEMIC CONDUCT

No laptops, cell phones, iPods, or other electronics are allowed in class. If you are being disruptive during class you will be asked to leave. You must come to class on time and stay until the end of lecture. Tardy students will not be admitted to class. Please visit <http://www.unr.edu/student-conduct> for our official student code of conduct.

UNIVERSITY RECORDING POLICY

Surreptitious or covert video-taping of class or unauthorized audio recording of class is prohibited by law and by Board of Regents policy. This class may be videotaped or audio recorded only with the written permission of the instructor. In order to accommodate students with disabilities, some students may have been given permission to record class lectures and discussions. Therefore, students should understand that their comments during class may be recorded.

EQUAL OPPORTUNITY AND TITLE IX

The University of Nevada, Reno is committed to providing a safe learning and work environment for all. If you believe you have experienced discrimination, sexual harassment, sexual assault, domestic/dating violence, or stalking, whether on or off campus, or need information related to immigration concerns, please contact the University's Equal Opportunity & Title IX office at 775-784-1547. Resources and interim measures are available to assist you. For more information, please visit: <https://www.unr.edu/equal-opportunity-title-ix>.

ACADEMIC DISHONESTY

Cheating, plagiarism or otherwise obtaining grades under false pretenses constitutes academic dishonesty according to the code of this university. Academic dishonesty will not be tolerated and penalties can include canceling a student's enrollment without a grade or giving an F for the course or for the assignment. For more details, see the University of Nevada, Reno general catalog.

Please visit my website www.arpetersen.com for a list of frequently asked questions and their answers.

CLASS SCHEDULE

1	Tuesday	January 23	Class Intro and 6.1
	Thursday	January 25	6.1/6.2
	Friday	January 26	Recitation
2	Tuesday	January 30	6.2
	Thursday	February 1	6.2/6.3
	Friday	February 2	Recitation
3	Tuesday	February 6	6.4
	Thursday	February 8	6.5
	Friday	February 9	Recitation
4	Tuesday	February 13	6.5
	Thursday	February 15	6.6

	Friday	February 16	Recitation
5	Tuesday	February 20	EXAM 1
	Thursday	February 22	7.1
	Friday	February 23	Recitation
6	Tuesday	February 27	7.1/7.2
	Thursday	March 1	7.2/7.3
	Friday	March 2	Recitation
7	Tuesday	March 6	7.3
	Thursday	March 8	7.3/7.4
	Friday	March 9	Recitation
8	Tuesday	March 13	7.5
	Thursday	March 15	7.6
	Friday	March 16	Recitation
9	Tuesday	March 20	No School-Spring Break
	Thursday	March 22	No School-Spring Break
	Friday	March 23	No School-Spring Break
10	Tuesday	March 27	EXAM 2
	Thursday	March 29	8.1/8.2
	Friday	March 30	Recitation
11	Tuesday	April 3	8.2
	Thursday	April 5	8.3/8.4
	Friday	April 6	Recitation
12	Tuesday	April 10	9.1
	Thursday	April 12	9.1/9.2/A.7
	Friday	April 13	Recitation
13	Tuesday	April 17	9.3
	Thursday	April 19	9.4
	Friday	April 20	Recitation
14	Tuesday	April 24	EXAM 3
	Thursday	April 26	10.3
	Friday	April 27	Recitation
15	Tuesday	May 1	10.4
	Thursday	May 3	10.7
	Friday	May 4	Recitation
16	Tuesday	May 8	11.5
	Tuesday	May 15	Final Exam 9:50am to 11:50am