

MATH 127 PRECALCULUS II (Spring, 2008)
TR 11:30 AM – 12:20 PM, CEB-HEA

Instructor: Hongtao Yang

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Office Hours: TR, 10:00 AM – 11:00 AM, or by appointment

Graduate Assistant: Valjean Elander

Text: David Cohen, Precalculus – a problems-oriented approach, Sixth Edition, 2005.

Prerequisite: To take this course, you must have either (1) ACT score ≥ 25 , (2) SAT score ≥ 560 , or (3) Grade C or better for Math 126.

Course Description: Topics include circular functions, trigonometric identities and equations, conic sections, complex numbers, and discrete algebra.

Materials Covered: Chapter 6 – Chapter 9 and Chapter 11.

Grading Policy: Your grade will be determined by weighting the following components:

- A. The three best tests out of four tests at 15% each.
- B. Quizzes at 20%.
- C. Homework at 5% (collected but not graded).
- D. Final examination at 30%.

The following is a general guide on grades, however, the scale may be lowered slightly:

A: 90%–100% B⁺: 86%–89% B: 80%–85% C⁺: 76%–79%
C: 70%–75% D⁺: 66%–69% D: 60%–65% F: 0%–59%

Final Examination: You must attend the department final on Friday, May 16, 2008 at 10:00 AM. If you foresee any conflicts, please make proper arrangements.

Tests: Since the lowest score for tests will be dropped, no make-up tests will be given. If you miss two tests or more, the weights will be transferred to the final. For example, if you miss two tests, the weight for your final will be $15\% + 30\% = 45\%$.

Survival Guide: (1) Attend every class; (2) Solve all homework problems; (3) Ask for help from me or Ms. Elander during our office hours or by appointment.

Missed Class(es): A student missing a class or laboratory assignment because of observance of a religious holiday shall have the opportunity to make up missed work. Students must notify the instructor of anticipated absences by the last day of late registration, January 28, 2008, to be assured of this opportunity. Students who represent UNLV at any official extracurricular activity shall also have the opportunity to make up assignments, but the student must provide official written notification to the instructor no less than one week prior to the missed class(es).

Assistance: If you have a documented disability that may require accommodations, you will need to contact the Disability Resource Center (DRC) for the coordination of services. The DRC is located in the Student Services Complex (SSC), Room 137, and the contact numbers

are: VOICE (702) 895-0866, TTY (702) 895-0652, FAX (702) 895-0651. For additional information, please visit: <http://studentlife.unlv.edu/disability/>.

Class Courtesy: Please use basic common courtesy. Please mute or turn off your cell phone before class. Private conversations cannot be allowed in class.

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Homework Problems:

6.1: 9–12, 25–28, 33–36	6.2: 8–28 ((b) only), 25–30, 41–50
6.3: 5, 6, 10, 15, 25, 27, 30, 32, 33	6.4: 4, 7, 9, 15, 30, 33, 42, 47, 50
6.5: 3, 6, 9, 12, 16, 18, 22, 25, 27, 30, 41	
7.1: 3, 5, 6, 12, 13, 19, 21, 31, 36, 40	7.2: 2, 4, 5, 6, 8, 19, 21, 33
7.3: 5, 8, 9, 14, 24, 31, 34, 38, 42, 55	7.4: 5, 8, 9, 20, 21, 34, 35
7.5: 5, 7, 12, 15, 17, 18, 21, 22, 28, 33, 37	7.7: 1, 5, 8, 12, 25, 29, 33, 37
8.1: 4, 5, 8, 11, 21, 24, 27, 28, 33, 41, 42, 44	8.2: 4, 5, 8, 11, 12, 14, 19, 22, 27, 40, 41, 46, 48
8.3: 3, 8, 11, 14, 22, 23, 29,32, 37, 38	8.4: 7, 9, 16, 19, 20, 22, 27, 33, 37, 41, 43, 47, 51
8.5: 6–20, 24–32	
9.1: 4–18,21	9.4: 3–7, 12–17
9.5: 4–21,25,31	9.6: 13, 18, 21, 27, 32
11.1: 3–25,27	11.2: 3–22, 31
11.4: 5, 9–36	11.5: 3, 11–24, 27–36
11.7: 1, 3, 4, 5, 14, 17	

If needed, additional problems shall be announced in class.