

**CSN - MATH 128 PRECALCULUS TRIGONOMETRY
SYLLABUS Fall 2009**

MATH 128 Section 801 M, T, W, R 11:00 am – 12:10 pm

CLASSROOM: West Charleston Campus, B-139

INSTRUCTOR: Eric Hutchinson

OFFICE: West Charleston H101D

OFFICE PHONE: (702) 651-7512

OFFICE HOURS: Mondays 9:30 – 10:45 am, Monday – Thursday: 12:45PM – 2PM

ALTERNATE OFFICE HOURS: Fridays by appointment

EMAIL: eric.hutchinson@csn.edu

WEBSITE: <http://www.nevada.edu/~hutchine> This web site MUST be accessed to obtain PDF copies of the syllabus, schedule, quizzes, test review problems, grades, and notes. From the web site, click on MATH 128 and then the Materials tab. No password is needed. Note: you can also access this site by going to <http://www.csn.edu/math> and then click on 'web page' next to my name. 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. We will **NOT** be using Angel or MyMathLab in this course.

COURSE DESCRIPTION: Topics include polynomial, rational, exponential, and logarithmic functions ; systems of equations and graphs. **THIS IS A FAST-PACED CLASS!**

COURSE OBJECTIVES : Students will be able do basic algebraic operations that will be needed in calculus. Some of these operations include the ability to solve several styles of linear and quadratic equations, and a study of functions. Operations on polynomial functions will be discussed. Students will also be able to graph these linear, quadratic, rational, and polynomial functions. Logarithmic and exponential equations will be able to be solved as well as graphing. This course will also cover systems of linear and nonlinear equations, including application problems. In addition, students will also learn the basic trigonometric operations needed for calculus including reference angles, right triangles, identities, proving identities, word problems, graphing, vectors, and partial fractions.

PREREQUISITE: MATH 096 or MATH 097 both with a grade of C or better; satisfactory ACT/SAT/Placement scores.

REQUIRED TEXT: Precalculus, A Right Triangle Approach to Trigonometry, by Sullivan.

CALCULATOR: A scientific calculator is required (not your cell phone). I recommend the TI-30XS Multiview. If you already have a graphing calculator, you may use it in class and for the tests.

MATERIAL COVERED: Selected sections from chapters F.1 – 10.6, and also Appendix A.

LATE INSTRUCTOR INSTRUCTIONS: Students must wait 15 minutes if the instructor is late.

HOMEWORK: Assigned most days, but not collected. These problems are representative of what are on exams. See schedule for homework assignments.

QUIZZES: There will be 4 take-home quizzes, which are the length of a regular exam, in which you download at the website, in PDF format. It is the students' responsibility to download these quizzes, print it out, and turn in a hard copy to the instructor on the day it is due (see the schedule for due dates). No quizzes will be accepted more than 1 week after it was originally due, **NO EXCEPTIONS.**
Note: these quizzes are **NOT** done online or in the Online Campus Angel.

TESTS: There will be 4 in-class closed-book tests. (see schedule for dates). I will have review problem lists and practice exams for the exams and final which is available from my web site. You may use ONE 3 by 5 card (both sides) on tests 1 and 2, and you may use ONE 4 by 6 card (both sides) on tests 3 and 4. See schedule for exam dates. You MAY NOT use your cell phone as a calculator during a test. All cell phones must be turned off or on vibrate and must be put away during the exams. **Note:** on test days, class will be extended by 15 minutes, so inform your instructor if you have a class after this one. **NO MAKE-UP EXAMS WILL BE GIVEN.** If an emergency arises on the morning of the exam, you must call me that morning at 651-7512 so I can speak to you about you taking the test sometime before the next class session.

EXTRA CREDIT: On random class days during the last ten minutes of class an extra credit assignment will be given. Students must do their own work on this assignment and it must be turned in that same class period in order to receive credit. Therefore if you were not in class that day you miss the assignment and no make-ups will be given. **THERE WILL BE NO MORE EXTRA CREDIT ASSIGNMENTS GIVEN OTHER THAN THE ABOVE.**

FINAL: The final is a comprehensive, closed book exam which will be given on Thurs., Dec. 17th during your regularly scheduled class period. You will be allowed one 8.5 by 11 sheet of paper (one side) for notes. **ABSOLUTELY NO MAKE-UPS FOR THIS EXAM , NO EXCEPTIONS!** If you have a conflicting final exam in another class, contact me so other arrangements can be made.

GRADING:	Quizzes	20%	Note: I do grade on a plus and minus system.
	Tests	50%	Overall grades are given with teacher discretion.
	Final	30%	Grade is calculated using weighted averages.

WITHDRAWALS: November 8th is the last day to officially withdraw from a course. After this date the grade you earn is the grade I record.

ATTENDANCE POLICY: While it is STRONGLY ENCOURAGED for you to come to class everyday, I do not give extra points for attendance or participation. However, in order to complete the extra credit assignments you must be attending class that day as there are no make-ups for these assignments. Participation and attendance are weighed at the end of the semester if you are in between grades.

ACADEMIC INTEGRITY POLICY: Scholastic dishonesty will not be tolerated and will be prosecuted to the fullest extent. You are expected to have read and understood the current issue of the student handbook (published by student services) regarding student responsibilities and rights, the intellectual property policy, for information about procedures and about what constitutes acceptable on-campus behavior. **CHEATING WILL NOT BE TOLERATED.**

DISABILITY: Students with medical, psychological, learning or other disabilities desiring academic adjustments, accommodations or auxiliary aids will need to contact a campus Disability Resource Center: Cheyenne: 651-4045, Charleston: 651-5089, Henderson: 651-3086. The Disability Center determines eligibility for and authorized the provision of services.

TUTORING CENTER: On the Charleston campus, the walk-in lab is in room H203. You can come in any time Monday-Thursday: 8AM-8PM, Friday: 9AM-3PM, and Saturday: 9AM-1PM to get unlimited walk-in tutoring. In addition, you are allowed up to 12 free hours for one-on-one tutoring. Go to the D-building to set up an appointment with a tutor.

CHANGES: Information contained in this syllabus may be subject to change with advance notice as deemed appropriate by the instructor.

Tentative Schedule for MATH 128 Fall 2009

Date	Day	Section	HOMEWORK ASSIGNMENT
8/31	M	Intro, 2.8	2.8: 13 – 61 odds
9/1	T	F.1, F.2	F.1: 11 – 43 EOO (Every other odd), F.2: 11 – 67 EOO
9/2	W	F.2, F.4	F.4: 7 – 37 odds
9/3	R	1.1	1.1: 15 – 71 EOO, 73 – 77 odds
9/7	M	<u>NO CLASS – LABOR DAY RECESS</u>	
9/8	T	1.1, 4.1	4.1: 7 – 57 odds
9/9	W	4.2, 1.2	4.2: 9 – 69 EOO, 1.2: 9 – 29 odds
9/10	R	1.2, 1.3	1.3: 11 – 29 odds, 33 – 41 EOO, 53 – 61 odds
9/14	M	1.4, 1.5	1.4: 9 – 45 odds, 1.5: 7 – 59 EOO, 65 – 69 odds
9/15	T	1.5, 1.6	1.6: 1 – 25 odds
9/16	W	1.6, 2.1	2.1: 13 – 41 EOO, 43 – 57 odds
9/17	R	2.3, 2.4	2.3: 11 – 83 EOO, 85, 87, 2.4: 11 – 67 EOO
9/21	M	2.4, 2.5	2.5: 3 – 33 odds
9/22	T	<u>QUIZ 1 DUE</u>	2.6: 1 – 27 odds
9/23	W	REVIEW	
9/24	R	<u>TEST 1 (up to 2.5, 2.8)</u>	
9/28	M	A.11, 2.7	A.11: 1 – 47 odds, 2.7: 9 – 27 odds
9/29	T	3.1	3.1: 13 – 83 EOO
9/30	W	A.3, 3.2	A.3: 89 – 101 odds, 3.2: 11 – 27 odds, 41 – 51 odds
10/1	R	3.3	3.3: 7 – 47 odds
10/5	M	3.4, A.5	3.4: 3 – 35 odds, A.5: 5 – 25 odds
10/6	T	3.5	3.5: 11 – 79 EOO, 89 – 93 odds
10/7	W	3.5, 3.6	3.6: 7 – 35 odds
10/8	R	3.6, 4.3	4.3: 11 – 79 EOO
10/12	M	4.4, 4.5	4.4: 9 – 105 EOO
10/13	T	4.5	4.5: 7 – 75 EOO, 77
10/14	W	4.6	4.6: 5 – 53 EOO
10/15	R	4.8	4.8: 1 – 23 odds
10/19	M	<u>QUIZ 2 DUE</u>	10.1: 7 – 39 odds, 55 – 63 odds
10/20	T	REVIEW	
10/21	W	<u>TEST 2 (2.6 to 10.1)</u>	
10/22	R	5.1	5.1: 11 – 21 odds, 35 – 87 EOO, 99, 107
10/26	M	5.2, 5.3	5.2: 11 – 59 EOO, 5.3: 17 – 49 odds, 61 – 73 odds
10/27	T	5.3, 5.4	5.4: 11 – 111 EOO
10/28	W	5.4, 5.5	5.5: 15 – 59 EOO
10/29	R	5.6, 5.7	5.6: 15 – 87 EOO
11/2	M	5.7, 5.8	5.7: 17 – 43 odds, 5.8: 3 – 17 odds
11/3	T	6.1, 6.2	6.1: 13 – 55 odds, 6.2: 9 – 65 EOO
11/4	W	6.4, 6.5	6.5: 7 – 63 EOO
11/5	R	<u>QUIZ 3 DUE</u>	6.6: 1 – 33 odds
11/9	M	REVIEW	
11/10	T	<u>TEST 3 (5.1 to 6.6)</u>	
11/11	W	<u>NO CLASS – VETERAN'S DAY RECESS</u>	
11/12	R	<u>NO CLASS – TEACHER AT CONFERENCE</u>	
11/16	M	6.7	6.7: 7 – 51 odds, 6.8: 5 – 39
11/17	T	6.8, 7.1	6.8: 5 – 39, 7.1: 9 – 31 odds
11/18	W	7.1, 7.2	7.2: 9 – 45 odds
11/19	R	7.3	7.3: 9 – 41 odds
11/23	M	8.1	8.1: 11 – 79 EOO
11/24	T	8.4	8.4: 7 – 49 odds
11/25	W	8.5	8.5: 7 – 35 odds
11/26	R	<u>NO CLASS – THANKSGIVING RECESS</u>	
11/30	M	9.2	9.2: 11 – 63 EOO
12/1	T	9.3	9.3: 13 – 53 EOO
12/2	W	9.4	9.4: 13 – 57 EOO
12/3	R	9.7	9.7: 7 – 43 odds
12/7	M	<u>QUIZ 4 DUE</u>	10.5: 13 – 43 odds
12/8	T	REVIEW	
12/9	W	<u>TEST 4 (6.7 to 10.5)</u>	
12/10	R	REVIEW FOR FINAL	
12/14	M	REVIEW FOR FINAL	
12/15	T	REVIEW FOR FINAL	
12/16	W	REVIEW FOR FINAL	
12/17	R	<u>FINAL EXAM (this is also the last day of class)</u>	