

**CSN - MATH 181 CALCULUS I
SYLLABUS FALL 2009**

MATH 181 Section 801 T, W, R 9:30 am – 10:40 am

CLASSROOM: West Charleston Campus, B-139

INSTRUCTOR: Eric Hutchinson

OFFICE: West Charleston H101D

OFFICE PHONE: (702) 651-7512

OFFICE HOURS: Mondays: 9:30am – 10:45am, Mondays – Thursdays 12:45 – 2pm

ALTERNATE OFFICE HOURS: Fridays by appointment

EMAIL: eric.hutchinson@csn.edu

WEBSITE: <http://www.nevada.edu/~hutchine>. This website MUST be accessed to obtain copies of the syllabus, schedule, quizzes, test review problems, grade, and notes. From the website, click on MATH 181 and then the Materials tab; all documents are in PDF format. No password is needed. Note: you can also access this site going to <http://www.csn.edu/math> and then click on 'webpage' 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 website. Note this website is **NOT** related to Online Campus Angel. We will **NOT** use Angel in this course.

COURSE DESCRIPTION: Topics include differentiation, integrations, limits, applications and extensions of these.

COURSE OBJECTIVES : Analyze the concept of function limits and continuity, differentiate functions using fundamental rule, perform differentiation techniques such as the general power rule, chain rule, product rule and quotient rule, evaluate definite and indefinite integrals, differentiate and integrate transcendental functions.

PREREQUISITE: MATH 127 or MATH 128 both with a grade of C or better; satisfactory ACT/SAT/Placement scores.

REQUIRED TEXT: CALCULUS, 9th Edition; Larson, Hostetler, Edwards

CALCULATOR: A scientific calculator is required such the TI-30XS Multiview. If you already have a graphing calculator, you may use it in class and for the tests. If you are considering going to Calc 2 and beyond for either science or engineering, I recommend you buy a good graphing calculator. The TI-84 is a good one. Get the TI-86 if you will be using a lot of unit conversions.

MATERIAL COVERED: Selected sections from chapters 1 – 5.

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 5 take-home quizzes (see schedule for due dates), which are the length of a regular exam, found on download at the website, in PDF format. It is the students' responsibility to download these quizzes on his or her own. Students will print out the quizzes and turn in a hard copy to the instructor. No quizzes will be accepted more than 1 week after it was originally due, **NO EXCEPTIONS.** **Note:** these quizzes are **NOT** in Online Campus Angel. Please go to the website listed above and print out the quiz. You will turn the hard copy into me on the day it is due.

TESTS: There will be 5 in-class closed-book tests. (see schedule for dates). I will have review problem lists and practice exams for the exams and final. You may use ONE 3 by 5 card (both sides) for each exam. 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 may use 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, if you are in between grades at the end of the semester your overall grade will be influenced by factors such as whether or not you were coming to class, asking for help when needed, and turning in assignments on time.

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. **CHEATED 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 H-203. 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 181 Fall 2009

Date	Day	Section	HOMEWORK ASSIGNMENT
9/1	T	Intro, Precal Review	P1: #5 – 13 odds, P2: #35 – 43 odds P3: #3, 7, 21 – 25 odds, 33, 37
9/2	W	Precal Review, 1.2	1.2: #1 – 25 odds, 43 – 53 odds
9/3	R	1.3	1.3: #5 – 61 odds, 65 – 75 odds, 85, 87
9/8	T	1.4	1.4: #1 – 21 odds, 27, 31, 35 – 49 odds, 57
9/9	W	1.5	1.5: #1 – 51 odds
9/10	R	QUIZ 1 DUE 3.5A	3.5: #1 – 5 odds, 19 – 37 odds
9/15	T	REVIEW	
9/16	W	TEST 1 (Chapter 1)	
9/17	R	2.1	2.1: #1 – 23 odds, 33 – 41 odds, 73 – 81 odds
9/22	T	2.1, 2.2	2.2: #1 – 23 odds, 31 – 53 odds, 59 – 63 odds
9/23	W	2.3	2.3: #1 – 17 odds, 25 – 53 odds, 93 – 103 odds
9/24	R	2.4	2.4: #1 – 33 odds, 45 – 73 odds, 91 – 99 odds
9/29	T	2.5	2.5: #1 – 15 odds, 21 – 27 odds, 45 – 49 odds
9/30	W	2.6	2.6: #1 – 21 odds, 25, 27, 29, 33, 42, 44
10/1	R	QUIZ 2 DUE 2.6	
10/6	T	REVIEW	
10/7	W	TEST 2 (Chapter 2)	
10/8	R	3.1	3.1: #1 – 39 odds
10/13	T	3.2	3.2: #1 – 23 odds, 39 – 47 odds
10/14	W	3.3	3.3: #1 – 37 odds, 43 – 49 odds
10/15	R	3.4	3.4: #1 – 51 odds
10/20	T	3.5B, 3.6	3.5: 59 – 75 odds, 3.6: #7 – 31 odds
10/21	W	3.6	3.6: #5 – 29 odds, 37 – 45 odds
10/22	R	QUIZ 3 DUE 3.7	3.7: #3 – 17 odds, 21 – 29 odds
10/27	T	REVIEW	
10/28	W	TEST 3 (Chapter 3)	
10/29	R	4.1	4.1: #1 – 43 odds, 57 – 63 odds
11/3	T	4.2	4.2: #1 – 21 odds, 27 – 53 odds, 57 – 65 odds
11/4	W	4.2	
11/5	R	4.3	4.3: #3 – 43 odds
11/10	T	4.4	4.4: #5 – 43 odds, 81 – 91 odds
11/11	W	NO CLASS – VETERAN'S DAY RECESS	
11/12	R	NO CLASS – TEACHER AT CONFERENCE	
11/17	T	QUIZ 4 DUE 4.5	4.5: #1 – 41 odds, 47 – 85 odds
11/18	W	REVIEW	
11/19	R	TEST 4 (Chapter 4)	
11/24	T	5.1	5.1: #19 – 35 odds, 47 – 75 odds, 83 – 87 odds
11/25	W	5.2	5.2: #1 – 39 odds, 53 – 59 odds
11/26	R	NO CLASS – THANKSGIVING RECESS	
12/1	T	5.4	5.4: #1 – 15 odds, 35 – 73 odds, 99 – 125 odds
12/2	W	5.5	5.5: #1 – 7 odds, 19 – 33 odds, 41 – 85 odds
12/3	R	5.6	5.6: #5 – 33 odds, 43 – 67 odds
12/8	T	QUIZ 5 DUE 5.7	5.7: #1 – 53 odds
12/9	W	REVIEW	
12/10	R	TEST 5 (Chapter 5)	
12/15	T	REVIEW FOR FINAL	
12/16	W	REVIEW FOR FINAL	
12/17	R	FINAL EXAM (this is also the last day of class)	