

MATH 126-806
Precalculus I
SYLLABUS and COURSE EXPECTATIONS

- **Instructor:** Josh Martin
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- **Office:** B-119, room D (West Charleston campus)
- **Phone:** 651-7579
- **Office Hours:** MW 2:15-4:15 (my office), TR 6:00-7:20 (Cheyenne), or by appointment.
- **Class Meeting info:** MW 7:30-8:50 pm in D-207, Charleston campus

COURSE DESCRIPTION: A rigorous discussion of algebra concepts necessary for calculus is the focal point of this course. Topics include an in-depth investigation of algebraic functions and their graphs and solutions of systems of equations. Prerequisite: Satisfactory ACT/SAT/CSN Mathematics Placement Test score, or MATH 096 or MATH 097 both with a grade of C or better, or equivalent. NOTE: This course serves as a prerequisite course for MATH 127 and is essential for students planning to take calculus.

REQUIRED TEXT: Precalculus (A Right Triangle Approach), Sullivan and Sullivan; 3rd ed.

CALCULATORS: Calculators will **not** be allowed on quizzes or exams.

OUTLINE: These are the sections from the book we will cover in class.

Ch F – sections F1, F2, F4

Ch 1 – sections 1.1-1.6

Ch 2 – sections 2.1-2.8

Ch 3 – sections 3.1-3.4, 3.5 and 3.6

Ch 4 – section 4.1-4.6 and 4.8

Ch 10 – sections 10.1 and 10.6

Appendix – A.3, A.5, A.11

GRADING BREAK DOWN:

Quizzes -----30%

Exam 1 -----20%

Exam 2 -----20%

Final Exam -----30%

GRADING SCALE:

A-: 89.5-91.4%, **A:** 91.5-100%,

B-: 79.5-81.4%, **B:** 81.5-87.4%, **B+:** 87.5-89.4%,

C: 69.5-77.4%, **C+:** 77.5-79.4%,

D-: 59.5-61.4%, **D:** 61.5-67.4%, **D+:** 67.5-69.4%,

F: 0-59.4%.

Notes on grading scale:

1. A grade of **C-** will not be given to any student. A grade of **D+** will not be raised to a **C**, so please do not ask for such an accommodation.
2. The instructor WILL NOT assign the grade of "W" under any circumstances. If you would like to get a "W" in the course, YOU must drop the course on or before the official drop date (March 29, 2010).
3. No extra credit will be given. Each student's class grade will be determined by the breakdown above, period.

QUIZZES: Homework will be assigned from each section, and a quiz over that homework will be given the following week, on Wednesday. Each quiz will include up to three problems taken directly from the homework. The homework itself will not be collected. The lowest three quiz grades will be dropped when calculating the final class grade.

Note well: Quizzes will be given at the beginning of class. Only 15 minutes will be allowed for each quiz. No extra time will be given.

EXAMS: There will be two exams and a comprehensive final exam throughout the class. The dates of these exams are listed below. Each exam will be designed to test your understanding of the material covered in class and the homework assigned. A practice exam will be posted on the above website at least one week prior to the actual exam. Note: Being able to complete the practice exam does not guarantee anything.

EXAM 1 is on WEDNESDAY, MARCH 3rd at 7:30 pm

EXAM 2 is on WEDNESDAY, APRIL 21st at 7:30 pm

FINAL EXAM is on WEDNESDAY, MAY 12th at 7:30 pm

ATTENDANCE: Attendance is strongly encouraged but not required. It is the student's responsibility to understand all material missed in the case of an absence.

MAKE-UP POLICY: In general, no make-up exams or quizzes will be given. Please make every effort to attend class on exam days. In the case of a prearranged absence, accommodations can be made. In extreme circumstances, make-up exams will be given with written documentation of the circumstances. Again, it is the student's responsibility to arrange for such make-up work.

EXPECTATIONS:

- It is expected that students will attend class.
- It is expected that students will talk only about math during class.
- It is expected that students will do every homework problem and extra problems similar to homework problems on their own.
- It is expected that students will be able to reproduce the solutions to homework problems without referring to the answer and reverse engineering the solution.
- It is expected that students will ask for help if they cannot solve a homework problem
- It is expected that students will refrain from activities that annoy the teacher and other students. Do not partake in frivolous activities during class. It is distracting and will not be tolerated. Examples of frivolous activities include (but are not limited to): listening to music, reading newspapers or novels, texting or talking on the phone, gossiping in general, etc.

ACADEMIC DISHONESTY: Exams are to be completed independently with no aid from other persons or forbidden items as specified by the instructor (books, calculators, cell phones, etc). Any dishonest work on an exam will not be tolerated.

AMERICANS WITH DISABILITIES ACT STATEMENT: Students with medical, psychological, learning or other disabilities desiring academic adjustments, accommodations or auxiliary aids will need to contact a campus Disability Resource Center. Only the Disability Center determines eligibility for and authorizes the provision of services.

DISCLAIMER: Information contained in this syllabus, other than the grading, late assignments, makeup work, and attendance policies, may be subject to change with advance notice, as deemed appropriate by the instructor.