MAT 106 - Precalculus (Sec. 1) Course Syllabus  
(9:00 - 9:50) /Monday, Wednesday, Friday/ Walters 281

COURSE DESIGNATION
MAT 106 PRECALCULUS. A precalculus course emphasizing algebraic and trigonometric functions, including exponential and logarithmic functions. A student who has earned credit in MAT 104 or MAT 105 cannot receive credit for this course. Prerequisite: 2 years of high school algebra, 1 year of geometry, and senior mathematics. 3

TEXT

INSTRUCTOR
Dr. Paula A. Norris    E-mail: pnorris@deltastate.edu    Walters 270E    Office phone: 846 4515

GENERAL COURSE OBJECTIVES
Upon completion of this course the student will be able to:
1. Recognize the graphs of all elementary functions and be able to graph any simple transformation of the elementary functions.
2. Understand the concept of functions as applied to real life problems.
3. Understand the concept of inverse functions and composition of functions.
4. Understand the relationship of equations to graphs.
5. Solve applied problems in other disciplines using the properties of the elementary functions.
6. Efficiently use a scientific calculator to compute function values.
7. Enter a calculus class prepared and confident.

TUTORING SERVICE
Free tutoring will be available in the Mathematics Department for students who need help outside of class. Hours when tutors are available will be given to the students and posted on the door of the tutor room, Walters 278.

GRADING AND EVALUATION
Grades will be assigned according to the following scale.
A(90 - 100)    B(80 - 89)    C(70 - 79)    D(60 - 69)    F(Below 60)

1. Assigned homework will be collected and graded on a weekly basis. No homework credit will be awarded for answers only unless this has been agreed upon prior to the assignment. Announced quizzes may also be given throughout the semester. You may use your calculator on all in-class work, as well as homework and tests. A graphing calculator is recommended for this course.
2. Four scheduled tests will be given during the semester. Your homework/daily quiz average will count as a fifth test grade. These scores will comprise 75% of your final grade. A comprehensive final examination will comprise the other 25%.
3. There will be at least one question on each test that requires you to provide a written explanation of a concept. Evaluation of the answer to this question will include mathematical content, spelling, grammar, and sentence construction.
4. Cheating and plagiarism are not tolerated. If it is established that a violation has occurred, the instructor may determine the penalty, or he/she may report the offense to the department chair and dean of the school. The usual penalty involves a grade of zero on the test, examination, or paper in question.

CLASS ATTENDANCE
1. Prompt and regular attendance is necessary for success in this course. To receive credit in this course, a student must attend a minimum of 75% of the class meetings. Classes meeting three times per week will be allowed 11 absences, excused and unexcused. Absence will begin to accrue the first official day that this class meets, regardless of when you actually enroll in the class.
2. If a student is tardy for class, it is the student’s responsibility to request that the faculty member change the recorded absence to a tardy. This must be done on the day the tardy occurs. A maximum of 3 tardies will be allowed. Each additional tardy will be recorded an unexcused absence.
3. Perfect attendance will be rewarded at the end of the semester. Two points will be added to your final semester average if you have no absences, excused or unexcused, and one point will be added if you have only one absence, excused or unexcused. Please remember to notify me if you are tardy for class! Do this the day the tardy occurs so that I might change the recorded absence to a tardy. Failure to do so will result in the loss of your perfect attendance points.
CLASSROOM POLICIES AND MAKE-UP TESTS

1. Do not use tobacco or eat in the classroom and, PLEASE, NO CELL PHONES OR BEEPERS!!!
2. Do come to class on time and be prepared to begin class at the scheduled time. Do not ask to leave class early. Schedule all appointments at times that do not conflict with class time.
3. Come to my office for help during scheduled office hours. No appointment is necessary. It is extremely important that you understand the day's material and are able to complete the homework assignments from each class meeting before we meet another class. If your class and/or work schedule conflicts with the office hours I offer, please feel free to make an appointment for a time not listed or take advantage of the tutors in Walters 278.
4. Scheduled tests will be announced at least one week prior to the actual test date. Make-up tests will be given only to those students presenting a written excuse, acceptable by the university. If you know ahead of time that you are going to miss a test, notify me as soon as possible before the test date, but at least one class meeting prior to the test. If possible, your test will be administered before the absence. If you are not able to provide advanced notice due to an emergency or illness on the day of the test, you MUST contact me ON THE DAY THE TEST IS GIVEN to arrange for a make-up test. This absence will still require a written excuse before the make-up test can be administered. All make-up work must be completed within three class days of the originally scheduled work or test. Any absence from scheduled work must be covered by a written excuse from the Vice President for Academic Affairs, the Student Health Service, or a doctor before the student is allowed to make-up that work. Any exception to this rule must be arranged before the missed work!
5. A graphing calculator is recommended for this class. Students who plan to take courses in the calculus will need a graphing calculator. Most of my classroom demonstrations will be done with a TI-85 or TI-86 calculator. These are the graphing calculators that I am most familiar with. However, if you have a different type of graphing calculator, you are responsible for learning how to use it. I will provide help only if you can provide an instruction manual for the calculator. BRING YOUR CALCULATOR TO CLASS EACH DAY!!!
6. Students with documented clinically diagnosed learning disabilities that qualify under the American with Disabilities Act and require accommodation should contact Dr. Richard Houston in the office of Disability Services at 846-4690.

IMPORTANT DATES

1. If you plan to audit this course, you must notify me by Tuesday, August 29, 2005. This is also the last day that a course may be added to your schedule; this includes changes from one section to another within the same course.
2. Students who remain in the course after Tuesday, September 20, 2005, and who then elect to drop the course will receive a grade of W if passing or F if failing the course at the time of the drop. The withdrawal process is not complete until the drop slip has been signed by all designated parties and the completed form has been turned in to the Registrar's office.
3. No course on campus may be dropped after Thursday, November 10, 2005.
4. The comprehensive final exam for this course is scheduled for Monday, December 5, 2005. (12:00 - 3:00)

Office Hours:

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