

2008 ~ 2009 PRE CALCULUS SYLLABUS

Teacher: Mr. Leckie
Room: 201
Course: Pre Calculus
Textbook: *PreCalculus: Graphical, Numerical, Algebraic, 6th edition*

COURSE CONTENT: Pre-Calculus builds upon topics covered in Algebra 2 and FST. Additional topics include analytical geometry, vectors, polar coordinates, and introductory calculus. Problems are linked to real-world applications with an emphasis on graphing, vocabulary, and technical writing. This course is designed to prepare students for calculus and college mathematics.

STUDENT EVALUATION

Both formative and summative evaluations are used during this course. Summative evaluations are chapter exams and semester finals. Formative evaluations occur daily during class in the form of class discussion, problems worked on the board, quizzes, warm ups, and homework.

Grading: You will be given points for all assignments, but your 18 – week grade will be weighted with the following percentages:

- Homework/Classwork: 10%
- Quizzes: 20%
- Tests: 70%

Final:

- The Final exam will be cumulative and worth 25% of your semester grade.
- The Second Semester Final Exam is cumulative for the entire year.

SCALE: Grades will be posted on Infinite Campus as often as possible.

- 90 - 100% A
- 80 - 89% B
- 70 - 79% C
- 60 - 69% D

Homework/Classwork:

- Assignments will be given daily. Whether the assignments are intended to be completed in class, at home, individually or in a group will depend on the assignment.
- There will be assignments assigned for EVERY section. If you do not practice the concepts outside of class you are only hurting yourself.
- Homework will be corrected based on completeness only, but it is only beneficial if you make sure it is correct.
- Homework should be completed every night, but will usually be collected twice during the chapter. In order to participate in group quizzes all homework must be complete.

Quizzes:

- Homework Quizzes will be given on a random basis.
- Homework quizzes will only cover the last section covered.
- Quizzes covering multiple sections will be pre-announced.
- In the event there is a group quiz, any student who has not completed ALL assignments for the sections that quiz covers may not work in a group. They will need to complete the quiz individually.
- Make up quizzes are usually different than the original quiz.

Tests:

- Tests will usually be given after the completion of each chapter.
- A review sheet/problem set will typically be given for each test, and you should understand ALL topics listed.
- Tests usually will be given in two parts (with and without a calculator).
- Each chapter test will be weighted the same.
- Make up tests are usually different than the original exam.
- ONE retake of chapter exams will be allowed each semester.
 - Corrections to original test must be done in class prior to retake
 - All homework must be completed
 - Retake will usually have fewer questions than the original.

CLASSROOM EXPECTATIONS:

#1: You are expected to be ON TIME. There are no bells, but the clocks are set to the exact time. Be here early, so you are ready to start at the right time.

#2: You are expected to treat EVERYONE in the class with the same attitude of respect you expect to be treated. This includes the language you use, the attitude you bring to class, and the way you respond when asked to do something in class.

#3: You are expected to complete EVERY assignment BEFORE the next class meeting. You are expected to use the Academy/Interventions period to get extra help whenever needed. Once in class, you are expected to ask questions on anything that you do not understand.

#4: You are expected to use the entire block productively. This means paying attention/taking notes during times of lecture, actively participating in group work, using any extra time given to you in class to complete your daily work, start your homework, or review for upcoming quizzes and/or tests.

Consequences: Failure to follow the expectations will result in any of the following:

1. Warning ... Student – Teacher conference
2. Parent phone call and/or Academy Detention
3. Referral to an Administrator

ABSENCES:

- It is **YOUR** responsibility to find out what you missed!!!!!!!
- You will be given a list of assignments for every chapter. If you lose yours, print out another one online.
- The Academy/Interventions period is time set aside for you to get and complete your make up work. It may take more than one academy period for you to get caught up.
- If you are absent on the day of a test, you have **1 week** from when you return to make up the test. Exceptions will be made only for extended absences.
- No make-up tests/quizzes will be given during class time. It is YOUR responsibility to make an appointment during Academy/Interventions or after school.

SUPPLIES:

The following is a list of supplies (other than your **book**) that will be needed throughout the course of the year.

- A notebook or a section of a notebook dedicated to this class for notes and handouts. (I will not collect this)
- A graphing calculator (TI-83+, TI-84+)
- Pencils (I will not be providing pencils at any time)
- ID CARD --- used to check out any supplies that we might use in class.

RESOURCES AVAILABLE:

Mr. Leckie's website: <http://www.chaoticgolf.com>

Daily Assignments
Review Sheets with Solutions
Extra Credit (when available)
Graph paper available to be printed

Syllabus may be read online
Parent Questionnaire may be filled out online
Contact Mr. Leckie through an email form
Limited links to other Math sites on the Internet

Complete Solutions Manual to accompany Pre Calculus Text. Cost is approximately \$25 but will be determined when we call the publisher. I have a few of them that will stay in class, but it is recommended that you get your own. You may purchase one through AAHS (details will be given in class) or find a student who has one from last year.

DUAL CREDIT OPTION:

It is possible to receive dual credit for this course at UCCS through the "CU Succeed" Program. You will enroll in Math 105 at UCCS for their second semester and receive 1 semester of college math credit on a UCCS transcript. The grade you receive on the UCCS transcript will be a cumulative total of your first and second semester grades for PreCalculus.

The cost will be determined by UCCS but has been around \$40 per unit for a 4 unit course (or \$160). Details and more information will be passed out in class later in the year (December or January).