

Syllabus

MATHEMATICS 175 / PRECALCULUS (CRN # 40022)

SUMMER 2011 SEMESTER (June 27 – August 4)

Instructor: Mr. Rob Everest

Class Location: MA 222, MTuWTh 9:00am-12:05pm

Textbook: Precalculus , 4th edition (Lial, Hornsby & Schneider),
(bundled with a MyMathLab Student Access Code)

Office Location: MA 214

Telephone: (626) 852-8054

Office Hours: by appointment only

E-mail: reverest@citruscollege.edu

Websites: <http://www.matheverest.com> &

<http://www.citruscollege.edu/academics/courses/everest/Pages/default.aspx>

This semester you will delve further into the study of various families of functions. Curriculum includes linear, quadratic, polynomial, rational, radical, inverse, exponential, logarithmic, trigonometric, and inverse trigonometric functions; Polynomial Theory, Laws of Sines & Cosines; vectors; polar & parametric graphing; complex numbers; matrix operations and equations; sequences & series (including arithmetic & geometric) ; binomial theorem ; mathematical induction; conic sections; partial fractions; modeling & technological integration.

Accommodation :

If any student is in need of an accommodation due to a documented disability, the student must notify the instructor within the first week of class in order for the proper arrangements to be made.

Attendance :

- Each daily 3 hour class meeting is broken into two class periods, with a 20 minute break. Theoretically the first class period will run from 9:00-10:30, with the break running from 10:30-10:50, and the second class period will run from 10:50-12:05. Each day (class meetings), roll will be called at the beginning of both class periods.
- Three (3) tardies equals one absence.
- You are considered tardy if you are not present in class for between five minutes of and up to half of the minutes of any class, regardless of whether that means you missed the beginning of a class period, part of the middle of a class period, or you left early from any class period.
- Each tardy deducts two (2) points from your participation grade.
- You are considered absent from any class period, if you do not attend for at least half of that one (class period) session.
- Each class period absence deducts five (5) points from your participation grade.
- Two and a half (2½) full day (class meetings) absences (or 5 class periods) are allowed through the six-week course. We only meet 23 days (class meetings), so missing even one of these will definitely put you behind. Avoid absence from class at all cost. If you miss three (3) full day (class meetings) absences (or 6 class periods) you will automatically be dropped from the class, or receive an automatic "F", unless **prior** arrangements have been made with the instructor. If you miss two (2) full days (or 4 class periods) during the first two weeks of classes, you will automatically be dropped from the class.
- Excessive leaving & entering of the classroom will not be tolerated. Any student deemed by the instructor of doing so, will be asked to leave class for the day.
- Deliberate distractions from class, like sleeping in class, doing homework in class, text messaging, etc. , will not be tolerated. Each deliberate distraction from class deducts 2 points from your participation grade. A second deliberate distraction in the same class period will be met with dismissal from that class period, which means a 5 point participation grade deduction.

Grading :

Individual tests 35%
MyMathLab.com Homework 15%

Quizzes 15%

Final Exam 25%
Participation 10%

Grading Scale :

89.5% - 100% "A"
79.5% - 89.4% "B"
69.5% - 79.4% "C"

59.5% - 69.4% "D"
0% - 59.4% "F"

Exams/Quizzes :

- Quizzes can be announced or not. If a student is not present either the day that a take-home quiz is passed out, or the day that it is due, the student will not receive credit for that quiz, unless previous arrangements have been made with the instructor. **All take-home quizzes are to be done (on your own) independently; that is without help from anyone, including mentors, other classmates, and/or tutors.** If you are caught working with someone else on a take-home quiz, or copying someone else's work for a take-home quiz, or providing someone with your take home quiz for copying purposes, you will first receive a 0% on the entire take-home quiz. A second similar infraction will lead to more severe disciplinary action, usually a suspension from class for a time period to be determined at the time of the infraction.
- Three (3) individual exams will be administered during the six-week semester at approximately ten day intervals (approximately every six class meetings).
- If you do not take a midterm during its regularly scheduled time and you have not contacted the instructor first to make an accommodation due to the emergency (which will be confirmed by the instructor), you will receive a zero on that exam. **If the missed exam is the first exam, you will be dropped from the class.**
- **FINAL EXAM DATE: Thursday, August 4, 2011, 9:30 am - 11:30 am** (Review from 9:00-9:20am)

Homework :

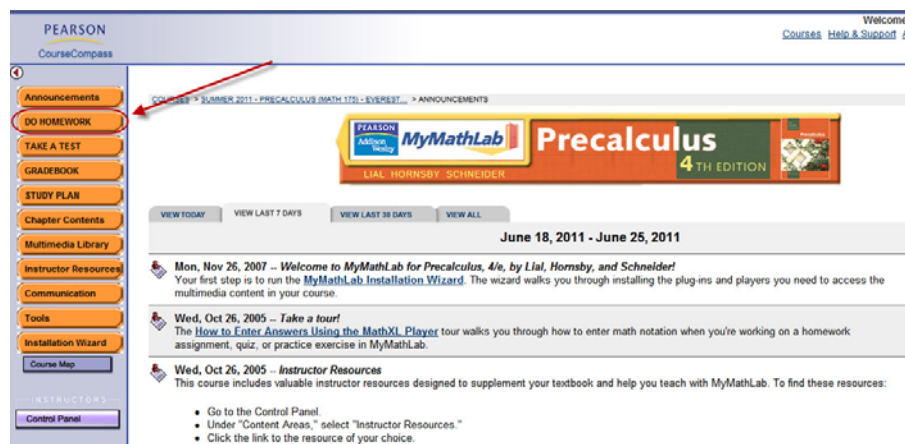
Homework (HW) is to be done digitally within our MyMathLab.com class : **everest80976** , which **has the course name** : "Summer 2011 - PreCalculus (Math 175) - Everest - CRN 40022 "

- You need a MyMathLab Student Access Code , if you have obtained a book without the student access code.
- They can be purchased on-line for \$80 . The procedure for his will be explained in class. The screen should look like this :

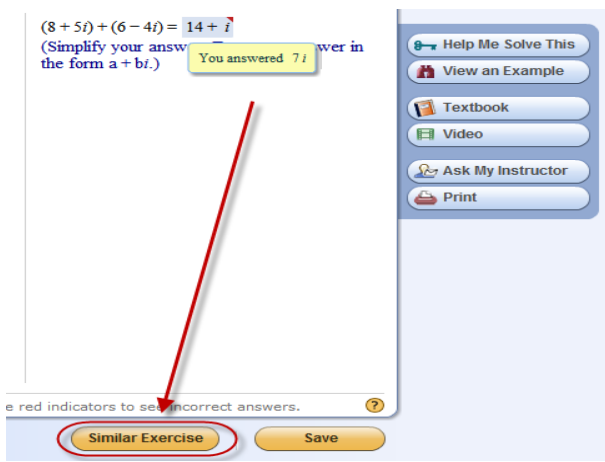
The screenshot shows the CourseCompass interface. At the top, it says "PEARSON CourseCompass™ Powered by Blackboard™". Below that is a "Product Selection" section with a search bar for "Course ID". A message states: "Your instructor will give you a Course ID. Enter it in the box." There is a text input field containing "everest80976" and a "Find Course" button. Below the input field, it says "Sample Course ID: Lastname83288". A message follows: "The Course ID you entered matched the following course." The course details are: "Course: everest80976 - Summer 2011 - PreCalculus (Math 175) - Everest - CRN 40022", "End Date: Sep 5, 2012", "Instructor: Instructor Robert Everest", and "Instructor's Email: reverest@citruscollege.edu". At the bottom, there is an "Enrollment Options" section with two radio buttons: "Access Code" and "Buy Now". A "Cancel" button is located at the bottom right of the form.

...after you have entered our course ID (**everest80976**) and clicked on the radio button called "Buy Now" , located below the Enrollment Options Bar.

- The Homework assignments are available off the “DO HOMEWORK” button, see :



- These MyMathLab homework assignments are labeled with names like “Section 1.4 HW”, etc. All homework assignments in Weeks 1-5 (with the exception of the nights before exams) are scheduled to be due before midnight (by 11:59pm), the night after the initial lecture on the applicable material. That way theoretically you will have all of the night of the same day of the applicable lecture, and the whole next day and night to work on homework from the initial applicable lecture. As our schedule may change this may deviate a bit, and pertaining to Thursday lectures you are given until the following Sunday night to complete the applicable homework. During the final week (Week 6), due to the final exam being on the last day of classes, and the night before exams given in Weeks 1-5, all assignments from applicable lectures will be due before midnight (by 11:59pm) of the day the initial lecture on the applicable material was given.
- The course ID is : **everest80976** (do not put a space between the “everest” & “80976”)
- You only can attempt each problem three times, but you really can get unlimited attempts, by clicking on the “Similar Exercise” button to get a new problem to work on, whereby you again will only get three chances. See this screenshot for more explanation:**



Deadlines for the 46 MyMathLab homework assignments are posted on our class MyMathlab website.

- **By the end of the semester, your lowest five scores of these 46 MyMathLab homework assignments (various assignments from Section 1.4 HW – Section 11.5 HW) will be dropped, in computing your MyMathLab homework average.**

Calculator :

A **graphing calculator** (many versions/models available) **is required**, but graphing calculators cannot be used as your sole method of solving problems, unless otherwise specified. You must be able to simplify & solve problems by “pencil and paper methods”, as modeled in class. The textbook uses screen shot pictures from the **TI-83 & TI-84+** calculators and the instructor will be using the **TI-84 Plus** (from Texas Instruments, available at many stores that sell electronic devices, and costs around \$100) to analyze functions with handheld technology. Most students find that the utility of these very handy tools, far outweighs the amount of money spent. These tools will usually be accepted & utilized by future math teachers. You are to use these graphing calculators though to check the answers that you simplified/solved through pencil and paper methods, unless otherwise specified. If you peruse the text, you will find examples of the use of these graphing calculators in almost every chapter. **TI-89’s and TI-92’s are not allowed , unless arrangements are made with the instructor.** Please conduct these discussions outside of class time.

Behavior : General school policies apply. All work is to be completed individually, unless otherwise directed by the instructor. Cheating consequences range from a zero on the assignment to an “F” in the class. All matters concerning student behaviors and disciplinary issues are subject to the outlined principles in the student handbook.

General Announcements : All work (quizzes, tests, and homework) **should be done in pencil**, and should be ready to be turned in at the beginning of the class in which it is due. **All applicable steps (solutions/work) need to be shown. No late work will be accepted. All graphing needs to be done on graph paper.** All dates listed in the regular schedule apply. The second day of classes, the Tuesday of the 1st week, (**June 28, 2011**), is the last day to receive a refund for dropping the class. Tuesday of the 2nd week, (**July 5, 2011**), is the last day you can add this class. Also there will be “no record” shown on your transcript, if you drop this class, by that same Tuesday of the 2nd week, (**July 5, 2011**). If this class is dropped on or before the Monday of the 4th week, (**July 18, 2011**) , you will receive a “W” (withdrawal) on your transcript. After the half term deadline, the student will receive the applicable letter grade. *Note: There will be no classes on Monday, July 4th, in commemorating our Independence, during this summer school session.*