

Syllabus

MATHEMATICS 175 / PRECALCULUS (CRN # 25123)

WINTER 2012 SEMESTER (JANUARY 3 – FEBRUARY 9)

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)

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<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; Laws of Sines/Cosines; vectors; polar/parametric graphing; complex numbers; matrix operations/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 **22 days (class meetings) due to starting our class the day after New Years Day and due to the Martin Luther King, Jr. Holiday Observed**, 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.
- **You will be dropped from the course, if you are not properly enrolled in our MyMathLab.com course , everest63354 , by the end of the Monday of the 2nd week; that is, Monday, January 9th, 2012.**

Grading :

Individual tests 35%

Quizzes 15%

Final Exam 25%

MyMathLab.com Homework 15%

Participation 10%

Grading Scale :

89.5% - 100% "A"

59.5% - 69.4% "D"

79.5% - 89.4% "B"

0% - 59.4% "F"

69.5% - 79.4% "C"

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, February 9th, 2012, 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 : **everest63354** , **which has the course name : "Winter 2012 Citrus College Math 175 (PreCal) - Everest - CRN 25123"**
- You need a MyMathLab Student Access Code , if you have obtained a book without the student access code.
- **You will be dropped from the course, if you are not properly enrolled in our MyMathLab.com course by the end of the Monday of the 2nd week; that is, Monday, January 9th, 2012.**
- You will be shown in class during the first few class sessions, how to buy this MyMathLab Student Access code, if you have a used book, and thus just need to purchase the MyMathLab Student Access Code.
- The Homework assignments are available off the "DO HOMEWORK" button, see this screenshot of a past class to see where to look for this button:

PEARSON CourseCompass

COURSES > WINTER 2012 CITRUS COLLEGE MATH 175 (PRECAL... > ANNOUNCEMENTS

Announcements

DO HOMEWORK

TAKE A TEST

GRADEBOOK

STUDY PLAN

Chapter Contents

Multimedia Library

Communication

Tools

Installation Wizard

PEARSON MyMathLab Addison Wesley

Precalculus 4TH EDITION

LIAL, HORNSBY, SCHNEIDER

VIEW TODAY VIEW LAST 7 DAYS VIEW LAST 30 DAYS VIEW ALL

December 27, 2010 - January 03, 2011

Mon, Nov 26, 2007 - Welcome to MyMathLab for Precalculus, 4/e, by Lial, Hornsby, and Schneider!
Your first step is to run the MyMathLab Installation Wizard. The wizard walks you through installing the plug-ins and players you need to access multimedia content in your course.

Wed, Oct 26, 2005 - Take a tour!
The MyMathLab Experience Using the MyMathLab... Please tour walks you through how to enter math notation when using a handheld

- These 45 MyMathLab homework assignments are labeled with names like “Section 1.3 HW”, etc. All homework assignment due dates are listed on the MyMathLab website, and will be altered if our schedule changes throughout the semester.
- The course ID is : **everest63354** (do not put a space between the “everest” & “63354”)
- **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:**

The screenshot shows a MyMathLab problem interface. At the top, the problem is $(8 + 5i) + (6 - 4i) = 14 + i$. Below it, the instruction says "(Simplify your answer in the form $a + bi$.)". A yellow box indicates "You answered 7i". A red arrow points from the "Similar Exercise" button at the bottom to the "14 + i" part of the problem. On the right side, there is a vertical menu with buttons: "Help Me Solve This", "View an Example", "Textbook", "Video", "Ask My Instructor", and "Print". At the bottom, there are two buttons: "Similar Exercise" (circled in red) and "Save".

- **By the end of the semester, your lowest five scores of these 45 MyMathLab homework assignments (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. **All applicable steps (solutions/work) need to be shown, as modeled in class.** No late work will be accepted. **All graphing that is to be turned in needs to be done on graph paper.** All dates listed in the regular schedule apply. The second day of classes, the Wednesday of the 1st week, (*January 4th, 2012*), is the last day to receive a refund for dropping the class. Monday of the 2nd week, (*January 9th, 2012*), 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 Monday of the 2nd week, (*January 9th, 2012*). If this class is dropped on or before the Monday of the 4th week, (*January 23rd, 2012*) , you will receive a “W” (withdrawal) on your transcript. After the half term deadline, the student will receive the applicable letter grade. *Note: We will celebrate the Martin Luther King, Jr. Holiday on the Monday of the 3rd week, which is Monday, January 16th, 2012, during this winter school session.*