RIO HONDO COLLEGE

COURSE EXPECTATION LETTER

Subject:
Math 160

Email Contact Information:
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Catalog Course Description:
This course will cover linear, quadratic, polynomial, power, exponential, and logarithmic functions and their applications. These functions will be approached from a graphical, numerical, and analytical point of view. The course also covers systems of equations and inequalities and sequences and series. This course serves as preparation for students planning to take MATH 170, Elements of Calculus. (Graphing technology— i.e., a graphing calculator— will be required.)

Student Learning Outcomes:
The outcomes which will be assessed this semester include--but are not necessarily limited to--the following:
 Given a quadratic equation in any form, the student will be able to simplify the equation, recognize the technique required to solve it, and correctly solve it.
 Given the description of real-world problem, students construct correct equations and/or inequalities to represent the problem and determine the correct solution or set of solutions.
 Given an equation (linear, quadratic, polynomial, rational, exponential, or logarithmic), The student will be able to take the necessary steps to simplify it, to write it in standard form, and solve it.
 Given a system of linear equations, student will be able to use to solve the system by writing the augmented matrix and reduce it into triangular form.
 Given a function (linear, quadratic, polynomial, rational, exponential, or logarithmic), the student will be able to find the required information about the function and graph it.
 Given the graph of a function or sufficient properties of the function (linear, quadratic, polynomial, rational, exponential, or logarithmic), The student will be able find the equation of the function.
 Given a real word-situation problem, the student will be able to model the problem using an equation (linear, quadratic, polynomial, rational, exponential, or logarithmic). The student can then solve the equation to find the answer to the problem.
 Given a few consecutive members of the set that make a sequence, the student will be able to determine the general formula or recursive formula of the sequence. The student then can determine the partial sum of the series of the given sequence.
 Given a system of linear or non-linear inequalities, the student will be able to solve the inequality using a graphing calculator or graphing technology.

By logging into Canvas you affirm that you are the student who enrolled in the course(s) and are the person who will complete the assigned work. Furthermore, you agree to follow the regulations regarding academic integrity, personal identification and the use of student information as described in BP 5500 (Standards of Conduct) and AP 5520 (Student Conduct Procedures) which are the Rio Hondo College student conduct codes that govern student rights and responsibilities. You acknowledge that failure to abide by the regulations set forth in BP 5500 and AP 5520 may result in disciplinary action, including expulsion from the college.

This is **NOT** a self-paced course. There are firm deadlines in this class. There are assignments due on a regular basis. Please plan your time carefully!

Textbook: Please consult the Bookstore for information at (562) 463-7345 or go to
Rio Hondo College Online Bookstore

Over the course of the semester there will be regular instructor student contact.

Methods of student contact include:
Instructor will post grades in the course gradebook; emails throughout the semester from the instructor. Other communications from the instructor including, but not limited to: announcements, comments regarding performance on the various assignments, including exams, progress in the class, areas of concern, meeting deadlines, answering questions regarding homework and other assignments, appropriate calculator use, and so forth. Potential phone calls when necessary.

The instructor may drop you for non-participation.

There will be a one to three business day delay after an add code is used before a student may be able to log on to Canvas.

For students new to online classes, it is highly recommended that you take the Online Orientation through our Online Education website. This will help explain what online classes are like and familiarize you with how the class is laid out. The orientation can be found at: http://www.riohondo.edu/canvas-orientation/

Email Responses: Instructors will make every attempt to respond to students in a timely fashion. Responses can take up to 48 hours before a response is received, excluding weekends and holidays.

Disability: A Student with a verified disability may be entitled to appropriate academic accommodations. Please contact your instructor and/or the Disabled Students & Programs office at 562-908-3420 for more information.

Modifications and Disclaimer: The instructor reserves the right to modify the content of the course or any course procedure. It is the responsibility of the student to keep apprised of all changes. If the student wishes to drop the class he/she is responsible for initiating the drop. Do not take it for granted that you will be dropped. If you stop working and do not drop the course, you may get an undesirable grade.

Additional Information: