

Course Expectations Letter

Subject: Math 130 Statistics

E-Mail Contact Information:

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Catalog Course Description:

This course is designed for students majoring in business, social sciences, and life sciences. This course provides an overview of descriptive and inferential statistics. The students learn to read, interpret and present data in a well-organized way. This includes frequency distributions, graphs, measures of central tendency and variability, correlation and linear regression. While discussing inferential statistics, the students learn to make generalizations about populations. This includes probability, sampling techniques, confidence intervals, and hypothesis tests.

Student Learning Outcomes:

Throughout the semester, your performance on multiple student learning outcomes will be evaluated. In particular the outcomes which will be assessed this semester include--but are not necessarily limited to--the following:

- Given existing data from a population of interest, the student will analyze the data using appropriate inferential statistical method. An hypothesis will be proposed and testing will be performed.
- Given summary data and a claim to be tested using a t-test, the student will determine the null hypothesis and the alternative hypothesis, identify the claim and assign it correctly to the null hypothesis or the alternative hypothesis, compute the test statistic, and conclude whether to accept or reject the claim. Lastly, the student will determine accurately the p-value for the hypothesis test and explain what it means given the context of the summary data and the conditions required for the t-test.

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](#)

This course will include regular instructor student contact. Methods of regular instructor student contact include:

Regular posting of grades in the course gradebook; emails from the instructor at various times, 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.

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.