



# COURSE EXPECTATION LETTER

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**Subject:**

PSY 190

**Email Contact Information:**

[ksmith@riohondo.edu](mailto:ksmith@riohondo.edu)

**Catalog Course Description:**

This course provides an overview of the types of statistics that are important in the behavioral sciences. The main focus of this course is on hypothesis testing and the statistics that are used to analyze it. Students will learn to present and interpret experimental data from the behavioral sciences. Topics covered include basic probability, measures of central tendency, measures of variance, sampling, and inferential statistics. This course is designed for students majoring in psychology, sociology, political science, and anthropology.

**Student Learning Outcomes:**

Given summary data and a claim to be tested using a t-test, the student will determine the null hypothesis and the alternative hypothesis, compute the test statistic, and conclude whether to accept or reject the claim. Lastly, the student will accurately determine the p-value for the hypothesis test and explain what it means given the context of the summary data.

Given a specific experimental design and data, the student will be able to determine which statistical test is appropriate to use.

The student will be able to compute and analyze data using a One Way ANOVA (by hand).

Students will be able to compute and analyze data using a correlation (by hand).

Students will demonstrate an understanding of and an ability to compute permutations, combinations, event probabilities, conditional probabilities, and probabilities of unions and intersections.

Students will be able to compute and evaluate percentiles for raw scores and determine cutoff scores for given percentiles.

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:**

Regular announcements, emails, and remind text messages

**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:**

There are a series of lecture videos to get through every week. They correspond to a packet of written notes that you can either buy or print. Along with those, there are regular homework activities each week and assessments every few weeks to check for understanding of material.