

Course Syllabus

[Jump to Today](#)

 [Edit](#)



Kinesiology

KIN4040: Measurement, Statistics, and Evaluation of Human Performance

3 units

Fall 2022

Aug 30 - Dec 09

Meeting Days: N/A

Instructor: Professor Jenny Mahoney

Meeting Times: Online

Email: jmahoney@pointloma.edu

Meeting Location: Online

Phone: Email to set up a phone/Zoom meeting

Final Exam: (Day/Time): By Friday, Week 15

Office Location and Hours: Zoom, by appt

PLNU Mission

PLNU Mission

To Teach ~ To Shape ~ To Send

Point Loma Nazarene University exists to provide higher education in a vital Christian community where minds are engaged and challenged, character is modeled and formed, and service becomes an expression of faith. Being of Wesleyan heritage, we aspire to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

COURSE DESCRIPTION

Study of measurement techniques and instruments, descriptive and inferential statistics and evaluation procedures in human performance. Principles and techniques of construction, organization, administration, and interpretation involved in human performance research. Includes critical evaluation of

data using basic statistical techniques and an evaluation of research design in human performance-related studies.

COURSE LEARNING OUTCOMES

1. Identify the basic concepts of measurement, testing, and evaluation in exercise science & sport science
2. Describe important issues related to the ethical use of human subjects in research and the role of the institutional review board in protecting them.
3. Apply basic statistical procedures in data analysis, utilize Excel and SPSS for statistical analyses and be able to accurately interpret the output
4. Apply basic quantitative statistical procedures in data analysis including descriptive statistics, chi-square, t-tests, correlation, regression, and 1- and 2-way ANOVA with post-hoc tests.
5. Define and differentiate the concepts and types of reliability, objectivity, and validity used to evaluate norm-referenced and criterion-referenced data
6. Construct sound methodology to address a research question
7. Collect and interpret data based on a sound methodology that addresses a well-constructed research question
8. Use descriptive and inferential statistics to make decisions.

COURSE GRADING AND ASSIGNMENTS

Intro Discussion	5 pts
Lecture Responses	15 x5 pts
Labs	5x20 pts
Article Review Discussions	7x10 pts
Practice Quizzes	7x5 pts
Quizzes	7x20 pts
Group Worksheets	12x15 pts
Group Worksheets Redo:	4x5 pts
Final Paper: Literature Review	50 pts
Final Exam	50 pts

Total: 1,085 pts

Student grades will be posted in the Canvas grade book no later than midnight on Tuesday of each week beginning in Week Two of this course. It is important to read the comments posted in the grade book as these comments are intended to help students improve their work. Final grades will be posted within one week of the end of the class. The final grade percentage will be rounded to the nearest percent with grades being recorded as follows:

Grade Percent		Grade Percent		Grade Percent	
A	93 - 100	B-	80 - 82.9	D+	67 - 69.9
A-	90 - 92.9	C+	77 - 79.9	D	63 - 66.9
B+	87 - 89.9	C	73 - 76.9	D-	60 - 62.9
B	83 - 86.9	C-	70 - 72.9	F	0 - 59.9

EDUCATIONAL OPPORTUNITIES

Note: All assignments are to be submitted electronically via Canvas by Saturday at 11:59pm unless otherwise noted. The only exception are the initial posts for discussions, which are due on Wednesdays at 11:59pm.

- **Lecture Responses:** The lecture videos are created to give you an overview or sometimes a deeper look into concepts that you find in the textbook reading. Earn participation points by "Liking" the video and then leaving a comment to let me know you watched it (you have to be signed in to your YouTube, Google, or Gmail account for this to work). Your comment can be a 1-2 sentence executive summary, a thoughtful question, or funny comment relevant to the video or topic discussed. In addition to your comment, feel free to upvote other's comments that you related to, laughed at, or that you found yourself asking the same question.

At the end-screen of the video, click on the link to be taken to the next video in the sequence without needing to leave YouTube.

- **Labs:** The purpose of the lab assignments is to give students an opportunity to answer common kinesiology questions using statistical analyses and realistic datasets. Each lab will contain a prompt that frames the scenario and outlines the specific research questions. In addition, a dataset along

with a series of follow-up questions will guide your analysis. These labs should be completed in your teams, using the lecture videos, textbook, and PowerPoint slides as your guide. The professor will be available to consult during office hours for help as well.

- **Article Review Discussions:** An almost bi-weekly discussion with the initial post due by Wednesday at 11:59pm and responses due by Saturday at 11:59 pm. Students will choose one of the peer-reviewed research articles posted on the discussion board prompt to read. They will then write a 1-paragraph “micro essay” that sufficiently answers the prompt by Wednesday of the week it is posted. Students will then have 3 days (Thursday through Saturday) to engage with their peers’ posts. Further details will be outlined in each discussion prompt on Canvas.
- **Group Worksheets:** These worksheets will be completed weekly (exceptions noted in schedule), and cover topics discussed in the weekly chapter reading and video lectures. You are encouraged to work on these in your teams, and to assist one-another in understanding the concepts. You are furthermore encouraged to sign up for office hours with the professor to discuss questions that arise after attempting the problems on your own, consulting the textbook, and watching the video lectures.
- **Practice Quizzes:** These quizzes can be taken at any point during the second week of the module.
- The practice quizzes will be timed (increased to 30 minutes automatically to accommodate all learning plans), but each person can take 3 attempts with the highest score saved. Make sure you’ve studied and have done the reading first!
- For the practice assessments only, you may communicate with team members via Zoom (or some other app). I recommend waiting until each person is logged into the Zoom meeting before starting the quiz. The best learning outcomes are achieved if you use this as an opportunity to contribute to the peer-to-peer learning community that hopefully develops amongst your team members.
- **Quizzes:** Thursday through Saturday in the second week of each module a Canvas quiz monitored by HonorLock will be open for you to complete. These assessments are designed to provide you and your professor with feedback on your understanding and mastery of the course content from the previous two weeks.
- The assessments will be available for 3 days (Thursday through Saturday).
- The assessment is timed (increased to 30 minutes automatically to accommodate all learning plans), and questions are in random order.
- Please do not discuss the contents of these assessments with your peers (unlike the practice assessments).

- You will need to take these assessments on a laptop equipped with the Chrome browser and a webcam, in a clean workspace, with no other devices or people present.
- **Small Literature Review Paper:** The Small Literature Review will test your ability to understand applied research as it relates to an area of interest, and is intended to serve as a culminating research experience similar to those encountered at the graduate level. Student teams will choose a topic of interest and complete a narrative literature review, with opportunities throughout the process to receive feedback. More details as well as paper guidelines can be found in Canvas.
- **Final Exam:** The cumulative final exam will be in the form of a Canvas quiz monitored by HonorLock. Questions will be presented in multiple choice format similar to the bi-weekly module quizzes. The final exam is intended to hold students reasonably accountable to the concepts learned throughout the course.
- **Textbook Reading:** Regular reading chapters will be assigned from the textbook in order to be prepared to engage virtually with your peers and to understand the material.

REQUIRED TEXTS AND RESOURCES

TEXTBOOK:

Weir, J. P., & Vincent, W. J. (2020). Statistics in kinesiology. Human Kinetics Publishers.

Purchase here: <https://amzn.to/3swlfd5> (<https://amzn.to/3swlfd5>)

SOFTWARE:

JASP Statistics Program (Version 0.13. 1).

Download for free here: <https://jasp-stats.org/download/> (<https://jasp-stats.org/download/>)

SPSS Statistics Program (Version 27.0).

Students are able to access SPSS by going to [view.pointloma.edu \(http://view.pointloma.edu/\)](http://view.pointloma.edu/) and signing in with their PLNU username and password. From there, SPSS should be available in a folder called "IBM SPSS Statistics" after clicking the Windows button on the bottom right corner of the screen.

For help accessing SPSS, read the article below (sign in with PLNU credentials):

<https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=102257>
(<https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=102257>)

Students can also go directly to the [help.pointloma.edu \(http://help.pointloma.edu/\)](http://help.pointloma.edu/) site and under the Knowledge Base Tab, there is a section called "Learning Remotely" that contains an article with instructions on how to access the Virtual Desktop.

In addition to the above textbook and software, for this online course you will need access to the following:

- Zoom: [https://zoom.us/ \(https://zoom.us/\)](https://zoom.us/)
 - Sign up for a free account using your PLNU email address. Download the app to your laptop, phone, and/or tablet.
- Google Drive: [https://www.google.com/drive/ \(https://www.google.com/drive/\)](https://www.google.com/drive/)
 - You already have a free account associated with your PLNU email address. In this class we will use the browser-based document functionality.
- Google Chrome: [https://www.google.com/chrome/ \(https://www.google.com/chrome/\)](https://www.google.com/chrome/)
 - Google Chrome is the required browser for HonorLock, and must be downloaded and used on a laptop or desktop for the module quizzes, midterm, and final exam.
- Laptop or desktop computer equipped with a microphone and webcam

COURSE CREDIT HOUR INFORMATION

In the interest of providing sufficient time to accomplish the stated Course Learning Outcomes, this class meets the PLNU credit hour policy for a 3-unit class delivered over 15 weeks. It is anticipated that students will spend a minimum of 37.5 participation hours per credit hour on their coursework. For this course, students will spend an estimated 112.5 total hours meeting the course learning outcomes. The time estimations are provided in the Canvas modules.

LATE AND INCOMPLETE ASSIGNMENTS

All assignments are to be submitted/turned in according to the specified time in Canvas. Late assignments/quizzes will be docked 20% per day, with assignments/quizzes submitted over 5 days late receiving a 0. Completes will only be assigned in extremely unusual circumstances.

FINAL EXAMINATION POLICY

Successful completion of this class requires completing the final examination online using HonorLock by the date specified in Canvas.

PLNU ACADEMIC HONESTY POLICY

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic dishonesty is the act of presenting information, ideas, and/or concepts as one's own when in reality they are the results of another person's creativity and effort. A faculty member who believes a situation involving academic dishonesty has been detected may assign a failing grade for that assignment or examination, or, depending on the seriousness of the offense, for the course. Faculty should follow and students may appeal using the procedure in the university Catalog. See [Academic Policies \(https://catalog.pointloma.edu/content.php?catoid=52&navoid=2919#Academic_Honesty\)](https://catalog.pointloma.edu/content.php?catoid=52&navoid=2919#Academic_Honesty) for definitions of kinds of academic dishonesty and for further policy information.

STATE AUTHORIZATION

State authorization is a formal determination by a state that Point Loma Nazarene University is approved to conduct activities regulated by that state. In certain states outside California, Point Loma Nazarene University is not authorized to enroll online (distance education) students. If a student moves to another state after admission to the program and/or enrollment in an online course, continuation within the program and/or course will depend on whether Point Loma Nazarene University is authorized to offer distance education courses in that state. It is the student's responsibility to notify the institution of any change in his or her physical location. Refer to the map on [State Authorization \(https://www.pointloma.edu/offices/office-institutional-effectiveness-research/disclosures\)](https://www.pointloma.edu/offices/office-institutional-effectiveness-research/disclosures) to view which states allow online (distance education) outside of California.

PLNU ACADEMIC ACCOMMODATIONS POLICY

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities. Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center (EAC@pointloma.edu (<mailto:EAC@pointloma.edu>) or 619-849-2486). Once a student's eligibility for an accommodation has been determined, the EAC will issue an academic accommodation plan ("AP") to all faculty who teach courses in which the student is enrolled each semester.

PLNU highly recommends that students speak with their professors during the first two weeks of each semester/term about the implementation of their AP in that particular course and/or if they do not wish to utilize some or all of the elements of their AP in that course.

Students who need accommodations for a disability should contact the EAC as early as possible (i.e., ideally before the beginning of the semester) to assure appropriate accommodations can be provided. It is the student's responsibility to make the first contact with the EAC.

PLNU ATTENDANCE AND PARTICIPATION POLICY

Regular and punctual attendance at all **synchronous** class sessions is considered essential to optimum academic achievement. If the student is absent for more than 10 percent of class sessions (virtual or face-to-face), the faculty member will issue a written warning of de-enrollment. If the absences exceed 20 percent, the student may be de-enrolled without notice until the university drop date or, after that date, receive the appropriate grade for their work and participation. In some courses, a portion of the credit hour content will be delivered **asynchronously** and attendance will be determined by submitting the assignments by the posted due dates and accessing Canvas materials regularly. See [Academic Policies \(https://catalog.pointloma.edu/content.php?catoid=46&navoid=2650#Class_Attendance\)](https://catalog.pointloma.edu/content.php?catoid=46&navoid=2650#Class_Attendance) in the Undergraduate Academic Catalog. If absences exceed these limits but are due to university excused health issues, an exception will be granted.

Asynchronous Attendance/Participation Definition

A day of attendance in asynchronous content is determined as contributing a substantive note, assignment, discussion, or submission by the posted due date. Failure to meet these standards will result in an absence for that day. Instructors will determine how many asynchronous attendance days are required each week.

SPIRITUAL CARE

Please be aware PLNU strives to be a place where you grow as whole persons. To this end, we provide resources for our students to encounter God and grow in their Christian faith.

If students have questions, a desire to meet with the chaplain or have prayer requests you can contact the [Office of Spiritual Development \(https://www.pointloma.edu/offices/spiritual-development\)](https://www.pointloma.edu/offices/spiritual-development).

SEXUAL MISCONDUCT AND DISCRIMINATION

Point Loma Nazarene University faculty are committed to helping create a safe learning environment for all students. If you (or someone you know) have experienced any form of sexual discrimination or misconduct, including sexual assault, dating or domestic violence, or stalking, know that help and support are available through the [Title IX Office \(https://www.pointloma.edu/title-ix\)](https://www.pointloma.edu/title-ix). Please be aware that under Title IX of the Education Amendments of 1972, it is required to disclose information about such misconduct to the Title IX Office.

If you wish to speak to a confidential employee who does not have this reporting responsibility, you can contact Counseling Services at counselingservices@pointloma.edu (<mailto:counselingservices@pointloma.edu>) or find a list of campus pastors at the [Title IX Office | Get Help Now \(https://www.pointloma.edu/title-ix/get-help-now\)](https://www.pointloma.edu/title-ix/get-help-now)

USE OF TECHNOLOGY

In order to be successful in the online or hybrid environment, you'll need to meet the minimum technology and system requirements; please refer to the [Technology and System Requirements \(https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349\)](https://help.pointloma.edu/TDClient/1808/Portal/KB/ArticleDet?ID=108349) information. Additionally, students are required to have headphone speakers, microphone, or webcams compatible with their computer available to use. Please note that any course with online proctored exams require a computer with a camera (tablets are not compatible) to complete exams online.

Problems with technology do not relieve you of the responsibility of participating, turning in your assignments, or completing your class work.

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OFFICE HOURS















It is important to me that I get to know each of you on an individual level, therefore I will be posting virtual office hours via the Zoom virtual conferencing app. I will send out more details on this soon. I have an open-door policy for questions, nerdy training theory discussions, or if you just need someone to listen and pray for you. I often won't have all the answers, but I'm positive we can figure it out together!














Course Summary:














Date	Details	Due
Mon Nov 9, 2020	 WK 13 Overview -2	to do: 11:59pm
Mon Nov 16, 2020	 Week 14 Overview-2	to do: 11:59pm
Mon Aug 29, 2022	 WK 1 Overview	to do: 11:59pm
Wed Aug 31, 2022	 Article Review Discussion 1 (https://canvas.pointloma.edu/courses/65237/assignments/820875)	due by 11:59pm
	 Introduction Videos (extra credit opportunity) (https://canvas.pointloma.edu/courses/65237/assignments/820876)	due by 11:59pm
	 Academic Honesty Verification Statement (https://canvas.pointloma.edu/courses/65237/assignments/820861)	due by 11:59pm
Sat Sep 3, 2022	 Subscribe to Receive Lecture Videos (https://canvas.pointloma.edu/courses/65237/assignments/820884)	due by 11:59pm
	 WK 1 Group Worksheet (https://canvas.pointloma.edu/courses/65237/assignments/820885)	due by 11:59pm







Date	Details	Due
	 WK 1 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820886	due by 11:59pm
Mon Sep 5, 2022	 WK 2 Overview	to do: 11:59pm
	 Lab 1 - Variables, Data, Percentiles, & Central Tendency (Group) https://canvas.pointloma.edu/courses/65237/assignments/820897	due by 11:59pm
	 WK 2 Group Worksheet https://canvas.pointloma.edu/courses/65237/assignments/820897	due by 11:59pm
Sat Sep 10, 2022	 WK 2 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820898	due by 11:59pm
	 WK 2 Module Quiz https://canvas.pointloma.edu/courses/65237/assignments/820854	due by 11:59pm
	 WK 2 Practice Quiz https://canvas.pointloma.edu/courses/65237/assignments/820868	due by 11:59pm
Mon Sep 12, 2022	 WK 3 Overview	to do: 11:59pm
Wed Sep 14, 2022	 Article Review Discussion 2 https://canvas.pointloma.edu/courses/65237/assignments/820874	due by 11:59pm
Sat Sep 17, 2022	 WK 3 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820899	due by 11:59pm
	 WK 3 Group Worksheet https://canvas.pointloma.edu/courses/65237/assignments/820900	due by 11:59pm
Mon Sep 19, 2022	 WK 4 Overview	to do: 11:59pm
Sat Sep 24, 2022	 Lab 2 - Variability, Standard Scores, and The Normal Curve https://canvas.pointloma.edu/courses/65237/assignments/820880	due by 11:59pm

Date	Details	Due
	 WK 4 Group Worksheet https://canvas.pointloma.edu/courses/65237/assignments/820901	due by 11:59pm
	 WK 4 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820902	due by 11:59pm
	 WK 4 Module Quiz https://canvas.pointloma.edu/courses/65237/assignments/820862	due by 11:59pm
	 WK 4 Practice Quiz https://canvas.pointloma.edu/courses/65237/assignments/820864	due by 11:59pm
Mon Sep 26, 2022	 WK 5 Overview	to do: 11:59pm
Thu Sep 29, 2022	 Article Review Discussion 3 https://canvas.pointloma.edu/courses/65237/assignments/820873	due by 11:59pm
Sat Oct 1, 2022	 WK 5 Group Worksheet https://canvas.pointloma.edu/courses/65237/assignments/820903	due by 11:59pm
	 WK 5 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820904	due by 11:59pm
Mon Oct 3, 2022	 WK 6 Overview	to do: 11:59pm
Thu Oct 6, 2022	 WK 6 Practice Quiz https://canvas.pointloma.edu/courses/65237/assignments/820866	due by 11:59pm
	 WK 6 Module Quiz https://canvas.pointloma.edu/courses/65237/assignments/820857	due by 11:59pm
Sat Oct 8, 2022	 WK 6 Group Worksheet Revision https://canvas.pointloma.edu/courses/65237/assignments/820905	due by 11:59pm
	 WK 6 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820906	due by 11:59pm

Date	Details	Due
Mon Oct 10, 2022	 WK 7 Overview	to do: 11:59pm
Thu Oct 13, 2022	 Article Review Discussion 4 (https://canvas.pointloma.edu/courses/65237/assignments/820872)	due by 11:59pm
Sat Oct 15, 2022	 WK 7 Group Worksheet (https://canvas.pointloma.edu/courses/65237/assignments/820907)	due by 11:59pm
	 WK 7 Lecture Response Assignment (https://canvas.pointloma.edu/courses/65237/assignments/820908)	due by 11:59pm
Mon Oct 17, 2022	 WK 8 Overview	to do: 11:59pm
Thu Oct 20, 2022	 WK 8 Practice Quiz (https://canvas.pointloma.edu/courses/65237/assignments/820853)	due by 11:59pm
	 WK 8 Lecture Response Assignment (https://canvas.pointloma.edu/courses/65237/assignments/820910)	due by 11:59pm
Sat Oct 22, 2022	 WK 8 Module Quiz (https://canvas.pointloma.edu/courses/65237/assignments/820860)	due by 11:59pm
	 WK 8 Group Worksheet (https://canvas.pointloma.edu/courses/65237/assignments/820909)	due by 11:59pm
Sun Oct 23, 2022	 Mid-Course Survey (https://canvas.pointloma.edu/courses/65237/assignments/820865)	due by 11:59pm
Mon Oct 24, 2022	 Week 9 Overview	to do: 11:59pm
Sat Oct 29, 2022	 WK 9 Lecture Response Assignment (https://canvas.pointloma.edu/courses/65237/assignments/820912)	due by 11:59pm
	 WK 9 Group Worksheet Revision (https://canvas.pointloma.edu/courses/65237/assignments/820911)	due by 11:59pm
Mon Oct 31, 2022	 Week 10 Overview	to do: 11:59pm

Date	Details	Due
Thu Nov 3, 2022	 Article Review Discussion 5 https://canvas.pointloma.edu/courses/65237/assignments/820871	due by 11:59pm
	 Lab 3 - Correlation & Prediction https://canvas.pointloma.edu/courses/65237/assignments/820881	due by 12:59pm
	 WK 10 Group Worksheet https://canvas.pointloma.edu/courses/65237/assignments/820887	due by 11:59pm
Sat Nov 5, 2022	 WK 10 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820888	due by 11:59pm
	 WK 10 Module Quiz https://canvas.pointloma.edu/courses/65237/assignments/820856	due by 11:59pm
	 WK 10 Practice Quiz https://canvas.pointloma.edu/courses/65237/assignments/820858	due by 11:59pm
Mon Nov 7, 2022	 Week 11 Overview	to do: 11:59pm
Wed Nov 9, 2022	 Wk 11 Article Review Discussion 6 https://canvas.pointloma.edu/courses/65237/assignments/820869	due by 11:59pm
Sat Nov 12, 2022	 WK 11 Group Worksheet Revision https://canvas.pointloma.edu/courses/65237/assignments/820889	due by 11:59pm
	 WK 11 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820890	due by 11:59pm
Mon Nov 14, 2022	 Week 12 Overview	to do: 11:59pm
	 WK 12 Overview	to do: 11:59pm
Sat Nov 19, 2022	 WK 12 Group Worksheet https://canvas.pointloma.edu/courses/65237/assignments/820891	due by 11:59pm

Date	Details	Due
	 WK 12 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820892	due by 11:59pm
	 WK 12 Module Quiz https://canvas.pointloma.edu/courses/65237/assignments/820855	due by 11:59pm
	 WK 12 Practice Quiz https://canvas.pointloma.edu/courses/65237/assignments/820867	due by 11:59pm
Mon Nov 21, 2022	 WK 13 Overview	to do: 11:59pm
Tue Nov 22, 2022	 WK 13 Article Review Discussion 7 https://canvas.pointloma.edu/courses/65237/assignments/820870	due by 11:59pm
Wed Nov 23, 2022	 WK 13 Group Worksheet Revision https://canvas.pointloma.edu/courses/65237/assignments/820893	due by 11:59pm
	 WK 13 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820894	due by 11:59pm
Mon Nov 28, 2022	 Week 14 Overview	to do: 11:59pm
	 Course Evaluation	to do: 11:59pm
	 WK 14 Group Worksheet https://canvas.pointloma.edu/courses/65237/assignments/820895	due by 11:59pm
Sat Dec 3, 2022	 WK 14 Lecture Response Assignment https://canvas.pointloma.edu/courses/65237/assignments/820896	due by 11:59pm
	 WK 14 Module Quiz https://canvas.pointloma.edu/courses/65237/assignments/820852	due by 11:59pm
	 WK 14 Practice Quiz https://canvas.pointloma.edu/courses/65237/assignments/820863	due by 11:59pm

Date	Details	Due
Mon Dec 5, 2022	 WK 15 Overview	to do: 11:59pm
Wed Dec 7, 2022	 Lab 5 - ANOVA (https://canvas.pointloma.edu/courses/65237/assignments/820882)	due by 11:59pm
	 Final Exam (https://canvas.pointloma.edu/courses/65237/assignments/820859)	due by 11:59pm
Fri Dec 9, 2022	 End-of-Course Evaluation (https://canvas.pointloma.edu/courses/65237/assignments/820877)	due by 11:59pm
	 Small Literature Review (https://canvas.pointloma.edu/courses/65237/assignments/820883)	due by 11:59pm
	 Extra Credit (https://canvas.pointloma.edu/courses/65237/assignments/820878)	