Course Syllabus

Jump to Today



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.

Instructor:	Ross Oakes Mueller, Ph.D.
Email:	RossOakesMueller@pointloma.edu
Office Phone:	(619) 849-2905
Office:	Culbertson Hall 213
Office hours:	Office hours can be scheduled using Google Calendar. Click here to book an appointme (https://www.google.com/calendar/selfsched? sstoken=UUhnNHJkMkNwcEFUfGRIZmF1bHR8OTFiNjhkZDM0NzRINTRIMWE5M2E2NjVIYWM′
Class Modality and Location:	Cabrillo Hall 102
Class Meetings:	M/W/F, 10:55am-12:05pm
Department:	Psychology a.edu/courses/57697/assignments/syllabus

Units:	4
Final Exam:	Your final project is due on Sunday, December 12, 2021. You will attend final presentations on Monday, December 13th at 8:30am
Text:	None. All materials will be provided free of charge via links in assignments.

COURSE DESCRIPTION

At its core, psychology is a discipline that relies on insights from empirical research. The focus of this course is to train you to produce these insights and to contribute to the scientific understanding of human nature. In so doing, we will focus on developing important skills that will improve your ability to read and understand existing research, develop your own research questions, construct and test hypotheses, analyze data, and communicate research findings to both lay and professional audiences. The skills you learn along the way will improve your scholarship, and they will also give you specialized tools that can be applied outside the classroom in the business world, non-profit sector, health care settings, service industry, and higher education. Classroom activities will focus on lecture, discussion, tutorials, and hands-on practice. You will be evaluated based on your engagement with the material, your knowledge of it, and your ability to apply it to real-world problems and situations. The themes for the course this year will focus on using psychological insights to encourage positive change in the domains of *climate change, inequality, national security, civil rights, race relations, vocation, and personhood.* When all is said and done, it is my hope that you will find the material from this course to be useful, engaging, and an important part of psychological study, no matter what your interests and goals may be.

From the catalog: "Students gain experience in methods of design, data collection, management, and analysis. Students begin a significant research project. This course must be taken in the semester immediately preceding PSY 3091."

COURSE LEARNING OUTCOMES

Students will be able to...

- Solve real-life, practical problems using psychological science and the scientific method.
- Understand and interpret statistical research findings that are presented in writing, in numerical form, or as tables or figures.
- Apply statistical concepts in clinical and non-clinical applications to optimize vocational performance.
 This includes being able to interpret clinical test scores, analyze business and financial performance.

and empirically assess decision making outcomes.

- Critically evaluate research claims made by academics, business professionals, and media figures by formulating alternative hypotheses, generating alternative explanations, and designing follow-up and replication studies.
- Identify and remediate potential problems in empirical and non-empirical research. This includes
 recognition of incomplete literature reviews, design flaws, poorly formed hypotheses, ethics
 violations, incorrect statistical execution and inference, and unsupported conclusions.
- Present the results of empirical research to professional and lay audiences using written, oral, and visual expression. This includes being able to write a research paper using APA style, construct a poster for a research conference, and present research in a brief oral presentation with visual aids.

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 four unit class delivered over 15 weeks. Specific details about how the class meets the credit hour requirement can be provided by the university or our accrediting bodies.

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 to view which states allow online (distance education) outside of California.

USE OF TECHNOLOGY

In order to be successful in the online environment, you'll need to meet the minimum technology and system requirements; please refer to the Technology and System Requirements information.

Additionally, students are required to have headphone speakers compatible with their computer available

to use. If a student is in need of technological resources please contact student-tech-request@pointloma.edu. Problems with technology do not relieve you of the responsibility of participating, turning in your assignments, or completing your class work.

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 may 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. See Academic Policies in the Undergraduate Academic Catalog. If absences exceed these limits but are due to university excused health issues, an exception will be granted.

LATE ASSIGNMENTS

Please pay close attention to the **due date** and the **available until** date. They are different. All assignments are due on the due date, but they are still eligible for full credit until the available until date. The available until date is always 11:59 PM on Fridays. After that, they are not eligible for credit without an official excused absence. Official excused absences are given by the Provost's Office. Please be aware that the official PLNU policy is that illnesses are not excused absences, even with a note from a health care provider.

INCOMPLETES AND LATE ASSIGNMENTS

Part of good paper-writing is effective time-management strategies. We could all write better papers if we had unlimited time to do so. However, there are certainly life situations that may prevent you from turning in your paper on time. How to balance these two conflicting issues? In order to provide you with some flexibility, and nevertheless to ensure that all of your papers are evaluated on an "even playing field," I have created a tiered grading system for late work. If you miss a deadline to turn in a paper, for any reason, you will have until the date on which the professor sends grades/feedback to the class for that paper to turn it in. Each day it is late (24 hours from the time it was due), 5% will be automatically deducted from your grade (up to a maximum of 35% off for anything more than 7 days late). Note: Canvas deducts these points automatically, so be sure you prepare to turn your assignment in BEFORE the due date, so that you don't lose points for a paper turned in a few seconds late.

FINAL EXAMINATION POLICY

Successful completion of this class requires taking the final examination **on its scheduled day**. The final examination schedule is posted on the <u>Class Schedules</u>

(http://www.pointloma.edu/experience/academics/class-schedules). No requests for early examinations or

alternative days will be approved.

COURSE OUTLINE

See Course Summary (below) for the schedule of activities. You will work closely with me to track your hours and develop meaningful projects according to your own timeline. To keep up, week by week, it may be helpful to look for each week's assignments in the <u>Modules section of the course</u>.

PLNU COPYRIGHT POLICY

Point Loma Nazarene University, as a non-profit educational institution, is entitled by law to use materials protected by the US Copyright Act for classroom education. Any use of those materials outside the class may violate the law.

PLNU ACADEMIC HONESTY POLICY

Students should demonstrate academic honesty by doing original work and by giving appropriate credit to the ideas of others. Academic <u>dis</u>honesty 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 <u>Academic Policies (http://catalog.pointloma.edu/content.php?catoid=18&navoid=1278)</u> for definitions of kinds of academic dishonesty and for further policy information.

PLNU ACADEMIC ACCOMMODATIONS POLICY

While all students are expected to meet the minimum standards for completion of this course as established by the instructor, students with disabilities may require academic adjustments, modifications or auxiliary aids/services. At Point Loma Nazarene University (PLNU), these students are requested to register with the Disability Resource Center (DRC), located in the Bond Academic Center. (DRC@pointloma.edu or 619-849-2486). The DRC's policies and procedures for assisting such students in the development of an appropriate academic adjustment plan (AP) allows PLNU to comply with Section 504 of the Rehabilitation Act and the Americans with Disabilities Act. Section 504 (a) prohibits

discrimination against students with special needs and guarantees all qualified students equal access to and benefits of PLNU programs and activities. After the student files the required documentation, the DRC, in conjunction with the student, will develop an AP to meet that student's specific learning needs. The DRC will thereafter email the student's AP to all faculty who teach courses in which the student is enrolled each semester. The AP must be implemented in all such courses.

If students do not wish to avail themselves of some or all of the elements of their AP in a particular course, it is the responsibility of those students to notify their professor in that course. PLNU highly recommends that DRC students speak with their professors during the first two weeks of each semester about the applicability of their AP in that particular course and/or if they do not desire to take advantage of some or all of the elements of their AP in that course.

CHANGE IN SYLLABUS OR SCHEDULE

It is possible that I will make modifications to the syllabus or schedule during the semester. If this occurs, I will make an announcement by Canvas message/announcement, in class, or both.

ASSESSMENT AND GRADING

Daily Pre-Class and In-Class Activities (410 points). Every week you will complete three activities and three lectures. They were designed specifically with our (potentially) unpredictable semester in mind. Some activities (marked "Pre-Class Activity") will be completed on your own prior to 9:30am on the day of class (you will use your responses in class). Every other activity will be completed inclass, with a partner or a group. Each day we will take time in class to answer any questions you have about the lecture or the activity.

Mini Experiment Paper (181 points total: 51 points for the rough draft, 105 points for the final draft, 25 points for peer evaluation). In preparation for next semester, you will get the chance to conduct your own mini-study late in the semester, and to write up your findings with a group. This is the only assignment this semester that will require significant work outside of class, and it comprises approximately 30% of your final grade. However, because this is worth more points, I want to give you every opportunity to succeed. Therefore, I have allotted significant in-class time to work on the project (in which I will be helping to answer questions). I will also give you extensive feedback on your rough draft, so that you know exactly what you need to do to get an A on the final draft. Importantly, because working in groups is so critical to your success in this class (and in life!), a portion of this grade will be based upon your effort level (as assessed by your group members), and the remainder divided between the grade given for the entire paper, and the grade given for your specific sections.

Your final letter grade will be determined by the overall percentage of points at the end of the semester. In order to ensure fair grading, I will calculate your grade using both total points and z scores, which measure your performance compared with the performance of the class (i.e., grading on a 'curve'). The score that will ultimately be used for you is the one that results in the **higher** of the scores. In order to pass this course, however, you must earn at least 50 % of all possible points.

Grade	Minimum Points Needed	Percentage Needed	z Score Needed	Cumulative Percent	Who	Category Cumulative Percent
A	465	93 %	1.33	9.2 %	9.2%	
Α-	450	90 %	1.00	15.9 %	6.7%	15.9%
B+	440	88 %	.67	25.1 %	9.3%	
В	420	84 %	.33	37.1 %	11.9%	
B-	400	80 %	.00	50 %	12.9%	34.1%
C+	385	77 %	33	62.9 %	12.9%	
С	350	70 %	-1.00	84.1 %	21.2%	
C-	325	65 %	-1.33	90.8 %	6.7%	40.8%
D+	310	62 %	-1.67	95.3 %	4.4%	
D	275	55 %	-2.00	97.7 %	2.5%	
D-	250	50 %	-2.33	99 %	1.3%	
F	0	0	< -2.33	100 %	1.0%	9.2%

Course Summary:

Date	Details I	Due
Tue Aug 31, 2021	②1a Activity due by 11:59 (https://canvas.pointloma.edu/courses/57697/assignments/671533)	9pm
Wed Sep 1, 2021	O1b Pre-Class Activity (https://canvas.pointloma.edu/courses/57697/assignments/702369)	0am

Date	Details Due
	② 01b Activity due by 11:59pn (https://canvas.pointloma.edu/courses/57697/assignments/671534)
Fri Sep 3, 2021	② 01c Computer Lab Activity due by 11:59pn (https://canvas.pointloma.edu/courses/57697/assignments/671535)
Mon Sep 6, 2021	②2b Pre-Class Activity (https://canvas.pointloma.edu/courses/57697/assignments/671536)
Wed Sep 8, 2021	②2b Activity due by 11:59pn (https://canvas.pointloma.edu/courses/57697/assignments/671537)
Fri Sep 10, 2021	②2c Computer Lab Activity due by 11:59pn (https://canvas.pointloma.edu/courses/57697/assignments/671538)
Mon Sep 13, 2021	② 03a Activity due by 11:59pn (https://canvas.pointloma.edu/courses/57697/assignments/671539)
Wed Sep 15, 2021	Description of the second state of the second
Fri Sep 17, 2021	Description of the second seco
Mon Sep 20, 2021	② 04a Activity due by 11:59pn (https://canvas.pointloma.edu/courses/57697/assignments/671542)
Wed Sep 22, 2021	⊕ 04b Activity due by 11:59pn (https://canvas.pointloma.edu/courses/57697/assignments/671543)
Fri Sep 24, 2021	Description of the second seco
Mon Sep 27, 2021	② 05a Activity (https://canvas.pointloma.edu/courses/57697/assignments/671545)
Wed Sep 29, 2021	Description of the second state of the second
Fri Oct 1, 2021	② 05c Activity due by 11:59pn (https://canvas.pointloma.edu/courses/57697/assignments/671547)

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② 06a Activity due by 11:59p (https://canvas.pointloma.edu/courses/57697/assignments/671548)
06b Pre-Class Activity due by 9:30a (https://canvas.pointloma.edu/courses/57697/assignments/671549)
□ 06b Activity due by 11:59p (https://canvas.pointloma.edu/courses/57697/assignments/708065)
⊕ 06c Activity
Dona Activity (https://canvas.pointloma.edu/courses/57697/assignments/671551)
© 07b Activity due by 11:59p (https://canvas.pointloma.edu/courses/57697/assignments/671552)
© 07c Activity due by 11:59p (https://canvas.pointloma.edu/courses/57697/assignments/671553)
08a Activity (https://canvas.pointloma.edu/courses/57697/assignments/671554)
② 08b Activity due by 11:59p (https://canvas.pointloma.edu/courses/57697/assignments/671555)
② 08c Activity due by 11:59p (https://canvas.pointloma.edu/courses/57697/assignments/671556)
© 09a Activity due by 11:59p (https://canvas.pointloma.edu/courses/57697/assignments/671557)
9 09b Activity due by 11:59p (https://canvas.pointloma.edu/courses/57697/assignments/671558)
© 09c Activity due by 11:59p (https://canvas.pointloma.edu/courses/57697/assignments/671559)
10a Activity (https://canvas.pointloma.edu/courses/57697/assignments/671560)

Date	Details Due
Wed Nov 3, 2021	10b Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671561)
Fri Nov 5, 2021	10c Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671562)
Mon Nov 8, 2021	11a Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671563)
Wed Nov 10, 2021	11b Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671564)
Fri Nov 12, 2021	11c Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671565)
Mon Nov 15, 2021	12a Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671566)
Wed Nov 17, 2021	12b Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671567)
Fri Nov 19, 2021	12c Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671568)
Mon Nov 22, 2021	13a Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671569)
Mon Nov 29, 2021	14a Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671572)
Wed Dec 1, 2021	14b Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671573)
Fri Dec 3, 2021	14c Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671574)
Mon Dec 6, 2021	15a Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671575)
Wed Dec 8, 2021	15b Activity due by 11:59pm (https://canvas.pointloma.edu/courses/57697/assignments/671576)

/31/2021	Syllabus for PSY3090-3 FA21 - Research Methods And Statistics I
Date	Details D
Thu Dec 9, 2021	15c Pre-Class Activity (https://canvas.pointloma.edu/courses/57697/assignments/671570)
Fri Dec 10, 2021	15c Activity due by 11:59 (https://canvas.pointloma.edu/courses/57697/assignments/671577)
Mon Dec 13, 2021	Final Presentation due by 8:30 (https://canvas.pointloma.edu/courses/57697/assignments/709278)
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