PSY3090-3 FA24 - Research Methods And Statistics I

Jump to Today



Welcome to PSY 3090 - Research Methods and Design!

We will be using Canvas a great deal this semester, so feel free to look around the website. I have made this "syllabus" page our home page, so that you can always see what assignments are next (see below). On this page, you will find a list of all of your assignments and exams for the semester. Assignments (for all of your classes) can also be viewed and accessed by clicking on the Calendar tab at the top of the page. In this course, all quizzes and assignments will be submitted online, through Canvas. If you have any questions about how to do so, please contact either myself (mailto:%20RossOakesMueller@pointloma.edu) or my TA, Cambria Grant (mailto:cgrant0021@pointloma.edu).

Also, to set up a time to meet during my office hours, <u>CLICK HERE</u>

(https://tinyurl.com/DrOakesMuellerOfficeHours) and sign up for an available slot.



Department of Psychology

PSY 3090 - Research Methods and Statistics I

4 Units

Fall 2024

Meeting days/times: Monday, Wednesday, and Friday from 10:55am-12:05pm

Meeting location: Monday & Wednesday - Cabrillo Hall, Room 104

Friday - Ryan Library, Room 220 (Bresee Lab)

Final Exam: Monday, December 16th, 2024 from 8:30-10:00am

| Instructor title and name: | Dr. Ross Oakes Mueller |
|----------------------------|---|
| Phone: | (<u>619)</u> <u>849-2905</u> |
| Email: | RossOakesMueller@pointloma.edu |
| Office location and hours: | Culbertson Hall, Room 213 To Schedule: https://tinyurl.com/DrOakesMuellerOfficeHours |

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 is an expression of faith. Being of Wesleyan heritage, we strive to be a learning community where grace is foundational, truth is pursued, and holiness is a way of life.

Course Description

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 <u>PSY 3091</u>.

Program Learning Outcomes

Students who complete the program in Psychology will be able to:

- 1. Identify basic tenets of psychology.
- 2. Summarize and apply facets of "The Good Life" as conceptualized in contemporary positive-moral psychology.
- 3. Display an increase in personal growth and development (for the purpose of serving others).
- 4. Demonstrate care for others.
- 5. Understand careers in psychology.

Course Learning Outcomes

Overview – The field of psychology requires a unique blend of competence both a) in practicing therapeutic **techniques** and b) in understanding and conducting psychological **research**. This course aims to develop your language, logic, and skills related to the latter. Specifically, you will not only learn to **identify the basic tenets of research psychology**, but will learn to **locate**, **critique**, **synthesize**, **conduct**, **and present psychological research**.

Locating Psychological Research — With the vast mountain of human knowledge becoming ever more accessible on the internet, most people simply trust in a global search engine (e.g., Google) to locate the answers to their questions. In fact, in a typical search, only 10% of people look past the first 10 search results to find the best answer for their question (Hearne, 2006). As you will soon see, these search results are often not the best source of quality information, and finding the best answer to your question usually requires a more careful "search" process. This course will provide you with the skills and opportunity to search through

the vast field of psychological research to find *quality* articles and theories that relate to a topic that is of interest to *you*.

Critiquing Psychological Research – How often have you found two different articles or individuals making competing claims about reality? A thorough "literature review" will reveal multiple competing theories and ideas, each of which claim to be "valid." Such confusion becomes especially important in a field such as psychology, in which we are trying to relieve suffering and promote growth. This course will help you to identify specific "criteria of validity," and use them to understand and evaluate the published articles of others who have conducted research. In the current "Age of Information," the ability to critically analyze competing truth claims and separate the so-called "wheat" from the "chaff" is absolutely necessary to navigate the flood of data available to you.

Synthesizing Psychological Research — So you've become a search-wizard, and have now located dozens of different articles on your topic of interest. But what do they all mean? How do they fit together? And, perhaps most importantly, What is missing? The flood of search results are like millions of puzzle pieces (many of which don't even belong to your puzzle!). This course will help you in the process of <a href="becoming a modern "puzzle master," learning to first sort relevant from irrelevant information, and then learning to put the pieces together into a "literature review" that makes sense of many different pieces of data. Finally, this course will help you to identify important missing pieces, and to develop research questions that could help fill in the blanks.

Conducting Psychological Research — Once you've figured out the important questions to ask, how do you go about answering them? In particular, how do you avoid the pitfalls of other "less valid" articles and researchers? This course will teach you to apply the principles of basic scientific research to answering one or more questions that interest you. Specifically, you will learn to develop and conduct a study of your own. This will involve gaining skills in research design, problem solving, and (perhaps most importantly) group work. In fact, students in the past have found that the ability to work well with others is often the make-it-or-break-it factor that can create a successful research study.

Presenting Psychological Research — As students of psychology, you are studying to become relative experts in this field of knowledge. You have been blessed with tremendous academic and technological privilege; and with this privilege comes a great responsibility for this information. In a world that equates information with power, you now possess the power to either hurt or harm the world in profound ways. In short, the world needs the information you possess. Families need it. Churches need it. Suburban schools, inner-city programs, homeless shelters, all need what you have. And the only way that they can get it is if you learn to communicate it lovingly and coherently. This course will provide you with the opportunity both to present your research, and to critically (and lovingly) analyze the research of your peers.

Student Learning Outcomes

- 1) You will gain a proficiency in using online tools to locate and gather both electronic and hard-copies of journal articles.
- You will increase your ability to appropriately select, understand, interpret, and critically evaluate relevant published articles of others who have conducted research.
- 3) You will develop skills in "annotating" and organizing information from articles that they have read, so as to accurately understand the theories, findings, and "lingering questions" in the current "literature" on a given psychological topic.
- 4) You will develop a working understanding of the concepts of research ethics, validity, and reliability, and apply them to the process of developing an appropriate research question and testable hypotheses.
- 5) You will learn to critically evaluate, select, "pilot test," and revise empirical measures of psychological constructs.
- 6) You will develop a proficiency in writing in APA format by memorizing common formatting requirements, by practicing your application, and by identifying and editing your own formatting errors.
- 5) You will increase your ability to accurately and effectively synthesize existing research into a formal "review of the literature" (or "Introduction" section).
- 6) You will gain experience and proficiency in conducting oral presentations of your work, and in providing helpful critical feedback to other students regarding their presentations.

The objectives will be achieved through your reading of the written materials, through the lectures given and discussions led by the instructor, through in-class exercises, and (most importantly) through active participation by you in the production of your own experimental project.

Whether these objectives have been achieved or not will be measured by your scores on quizzes, exams, class participation, and both oral and writen versions of your research project.

Required Texts and Recommended Study Resources

Students are responsible for having the required course textbooks prior to the first day of class.

All supplemental materials posted on this course site (including articles, book excerpts, or other documents) are provided for your personal academic use. These materials may be protected by copyright law and should not be duplicated or distributed without permission of the copyright owner.

This course is part of our course material delivery program, <u>LomaBooks</u>. The bookstore will provide each student with a convenient package containing all required physical materials and all digitally delivered materials will be integrated into Canvas.

You should have received an email from the bookstore confirming materials provided for each of your courses and asking you to select how you would like to receive any printed components (in-store pick up or home delivery). If you have not done so already, please confirm your fulfillment preference so the bookstore can prepare your materials.

For more information about LomaBooks, please go: HERE

American Psychological Association. (2019). *Publication Manual of the American Psychological Association*. (7th ed.). Washington, D.C.: Author. (Spiral Binding Recommended)

Morling, B. (2021). *Research Methods in Psychology* (4th ed.). WW Norton. **Including InQuisitive**.

EXTENDED 720-DAY DIGITAL EDITION STRONGLY RECOMMENDED FOR STUDENTS NOT USING LOMABOOKS (Purchase for \$65 Directly from the Publisher Here ... includes access to InQuisitive). NOTE: If you buy a used paperback edition, you must still also purchase InQuisitive (\$30) from the publisher, so factor this into your costs.

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 4 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 150 total hours meeting the course learning outcomes.

Assessment and Grading

Grades will be based on the following:

In-Class Exercises 5%

Quizzes 10%

Homework 10%

Examinations 25%

Paper 30%

Group Work Grade 10%

Presentations <u>10%</u>

100%

| А | В | С | D | F |
|-------------|-------------|-------------|-------------|-------------------|
| A 93-100 | B+ 87-89.99 | C+ 77-79.99 | D+ 67-69.99 | F Less than 60 |
| A- 90-92.99 | B 83-86.99 | C 73-76.99 | D 63-66.99 | |

| Б | 00 00 00 | 6 70 72 00 | D 60 63 00 | |
|------|------------|-------------|-------------|--|
| I B- | - 80-82.99 | C- 70-72.99 | D- 60-62.99 | |

Quizzes

Much of the information that you will need to construct a stellar research study is found in your book. As this is a class that focuses on gaining information from written sources, it is of utmost importance that you practice this skill on your assigned readings. Class time is a unique opportunity to use your professor and your classmates as consultants. However, this can only happen if everyone has done the reading. Therefore, you will complete openbook, online equizzes (through InQuizitive) on a regular basis. These quizzes will be non-comprehensive, and serve two purposes: 1) to give you an extra incentive to read before class, and 2) to help you gauge whether or not you have properly understood the concepts in the reading. However, because my goal is to help you to best make use of your written text, I will provide you with a list of questions that you should be able to answer after reading each chapter. It is likely that many of the quiz questions will overlap with these questions. Also, because my goal is for you to thoroughly understand the material, the equizzes are structured in such a way that they allow you to make mistakes, learn from those mistakes, and still earn up to full credit. Because we may review the answers to guizzes in class, there will be **no** opportunities to make up a missed equiz.

Final Examination Policy

Successful completion of this class requires taking the final examination on its scheduled day. The <u>final exam</u> for this class will be on <u>Monday</u>, <u>December</u> 16th, 2024 from 8:30-10:00am. If you find yourself scheduled for three (3) or more final examinations on the same day, you are authorized to contact each professor to arrange a different time for <u>one</u> of those exams. However, unless you have three (3) or more exams on the same day, no requests for alternative final examinations will be granted.

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 midnight on the next day to turn in the paper for a 5% deduction. After midnight, you then have up to midnight on the following day to turn it in

for a 10% deduction. After that, you can turn it in up to three days late for a 15% deduction. Following that, you will receive a 20% deduction. No papers will be accepted after the date on which the professor sends grades/feedback

to the class for that paper.

A Bit of Grace...in Exchange for Works...

Some of the best learning opportunities occur during in-class discussions. Participating in these discussions can be immensely valuable to your learning. To acknowledge this importance, I will give some weight in your final grade to your classroom participation. In the event a student's final grade is within one percentage point of the next highest grade, an exceptional level of classroom participation will be considered in assigning the final grade.

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 your professor or the Office of Student Life and Formation.

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.

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 Recording Notification

In order to enhance the learning experience, please be advised that this course may be recorded by the professor for educational purposes, and access to these recordings will be limited to enrolled students and authorized personnel.

Note that all recordings are subject to copyright protection. Any unauthorized distribution or publication of these recordings without written approval from the University (refer to the Dean) is strictly prohibited.

PLNU Academic Honesty Policy

As the overarching goal of this course includes the ability to effectively use and summarize the research of others, it is of utmost importance that you do your best to acknowledge the work of others in an ethical manner. To this point, I have found that even well-intentioned students sometimes accidentally commit acts of plagiarism.

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. For all student appeals, faculty and students should follow the procedures outlined in the University Catalog. See <u>Academic Policies</u> for definitions of kinds of academic dishonesty and for further policy information.

In this class, this involves accurately **quoting** any passages that were written by others, and accurately **citing** the ideas of others in your paper. Because Academic integrity is of tremendous importance both at PLNU and in the larger psychological community, academic dishonesty (plagiarism) in PSY 390/391 will result in a failing grade for the course.

Since you will be working in small groups, but writing your own individual research paper, it is highly important that you understand what constitutes academic dishonesty in PY 390/391.

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- rou are not anowed to send electronic copies of any part of your research paper to anyone but the professor. The rationale for this rule is that students can easily cut and paste portions of your paper into their paper (and this obviously constitutes plagiarism).
- You are not allowed to loan to another student any part of your research paper. Students can easily copy (or paraphrase) parts of your paper for inclusion into their paper (and this obviously constitutes plagiarism).

If another student is found to plagiarize any part of your paper by using any of the above methods, *you* may also receive a failing grade for the course.

Artificial Intelligence (AI) Policy*

You are **allowed** to use Artificial Intelligence (AI) tools (e.g, ChatGPT, iA Writer, GrammarlyGO, Marmot, Botowski) to **generate** <u>ideas</u>, but <u>you are not</u> <u>allowed to use AI tools to generate content (text, video, audio, images) that will end up in any work submitted to be graded for this course (unless specifically included in the assignment description). If you have any doubts about using AI, please gain permission from the instructor.</u>

- 1. All written work must be created in GoogleDocs. (it saves a time stamp of every word that you create ... you can later use this to demonstrate the process of your original writing).
- 2. You must share the document with me (rmueller@pointloma.edu), make me an "Editor", and paste the link to the GoogleDoc at the top of each assignment (see this video for how to do this).

<u>If you use any auto-proofreading software (e.g., Grammarly), I would strongly recommend</u> that you take these three steps:

- 1. **do ALL of your writing in GoogleDocs** (it saves a time stamp of every word that you create ... you can later use this to demonstrate the process of your original writing)
- 2. **do NOT use the advanced features** of GrammarlyGO (or other generative Al tools);

3. do ALL of your original writing FIRST (without Grammarly), save a draft, and THEN apply Grammarly edits afterwards (that way you and your professors can directly trace back what your writing looks like, and you have a draft of the paper that should be clear of all Al screening) and save a second draft of your edited work, and

4. use a writing tracker like

"Origin" (https://chromewebstore.google.com/detail/origin-by-gptzero-chatgpt/kgobeoibakoahbfnlficpmibdbkdchap) or Passed.Al (https://chromewebstore.google.com/detail/passedai-extension-beta/nmkodlgnddendacmkpghbnjmaknnegfo) which functions as a plug-in to Google Docs, and records your writing character-by-character, so your professors can see the entire creation process (in case you ever have a false-positive Al flag).

PLNU Academic Accommodations Policy

PLNU is committed to providing equal opportunity for participation in all its programs, services, and activities in accordance with the Americans with Disabilities Act (ADA). Students with disabilities may request course-related accommodations by contacting the Educational Access Center (EAC), located in the Bond Academic Center (EAC@pointloma.edu or 619-849-2486). Once a student's eligibility for an accommodation has been determined, the EAC will work with the student to create an Accommodation Plan (AP) that outlines allowed accommodations. The EAC makes accommodations available to professors at the student's request.

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. Accommodations are not retroactive so clarifying with the professor at the outset is one of the best ways to promote positive academic outcomes.

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. Students cannot assume that because they had accommodations in the past, their eligibility at PLNU is automatic. All determinations at PLNU must go through the EAC process. This is to protect the privacy of students with disabilities who may not want to disclose this information and are not asking for any special accommodations.

Language and Belonging

Point Loma Nazarene University faculty are committed to helping create a safe

and hospitable learning environment for all students. As Christian scholars we are keenly aware of the power of language and believe in treating others with dignity. As such, it is important that our language be equitable, inclusive, and prejudice free. Inclusive/Bias-free language is the standard outlined by all major academic style guides, including MLA, APA, and Chicago, and it is the expected norm in university-level work. Good writing and speaking do not use unsubstantiated or irrelevant generalizations about personal qualities such as age, disability, economic class, ethnicity, marital status, parentage, political or religious beliefs, race, gender, sex, or sexual orientation. Inclusive language also avoids using stereotypes or terminology that demeans persons or groups based on age, disability, class, ethnicity, gender, race, language, or national origin. Respectful use of language is particularly important when referring to those outside of the religious and lifestyle commitments of those in the PLNU community. By working toward precision and clarity of language, we mark ourselves as serious and respectful scholars, and we model the Christ-like quality of hospitality.

If you (or someone you know) have experienced a bias incident regarding language, you can find more information on reporting and resources at www.pointloma.edu/bias.

You may report an incident(s) using the Bias Incident Reporting Form.

Sexual Misconduct and Discrimination

In support of a safe learning environment, 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 accommodations and resources are available through the Title IX Office at pointloma.edu/Title-IX. Please be aware that under Title IX of the Education Amendments of 1972, faculty and staff are 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 or find a list of campus pastors at pointloma.edu/title-ix.

If you (or someone you know) have experienced other forms of discrimination or bias, you can find more information on reporting and resources at www.pointloma.edu/bias

PLNU Attendance and Participation Policy

Perhaps more than any other course in the psychology major, your attendance in this class is paramount to your success and your group's success. Outside of your academic achievement, your group work is the most important part of this course. It is not fair to your group or your academic development if you miss class without good cause. That is why the PLNU attendance policy will be strictly followed. This attendance policy is specified in the University Catalog. Please note the following key points and elaborations of the attendance policy.

Regular and punctual attendance at all class sessions is considered essential to optimum academic achievement. If the student is <u>absent for more than 10</u> <u>percent of class sessions (four times)</u>, the faculty member will issue a written warning of de-enrollment. If the <u>absences exceed 20 percent (eight times)</u>, the student may be de-enrolled without notice until the university withdrawal date or, after that date, receive an "F" grade.

Save your absences for situations that are outside of your control. Do not consider your allowable absences as the number of times that you can miss class without being de-enrolled. If you become ill after you used your allowable absences, you will be de-enrolled from the course.

If you miss a test for any reason, you will need to notify the professor **prior** to the examination for consideration to be administered a make-up test (if you fail to do so you may receive a 0% on the test). **If a make-up test is administered there will be a 10% penalty** (unless the absence is associated with a University-sponsored activity that is approved in writing by the Academic Provost)

Loma Writing Center

The Loma Writing Center exists to help all members of the PLNU community cultivate transferable writing skills to engage their academic, professional, personal, and spiritual communities. We work toward this goal by conducting one-on-one consultation sessions, supporting writing education across the PLNU community, and participating in ongoing writing center research.

Getting feedback from the Loma Writing Center while you're in the process of working on an assignment is a great way to improve the quality of your writing and develop as a writer. You are encouraged to talk with a trained writing consultant about getting started on an assignment, organizing your ideas, finding and citing sources, revising, editing for grammar and polishing final drafts, and more. For information about how to make in-person or online appointments, see Loma Writing Center webpage or visit the Loma Writer Center on the first floor of the Ryan Library, room 221.

- Appointment Calendar: https://plnu.mywconline.com/
- Website: https://www.pointloma.edu/centers-institutes/loma-writingcenter
- Email: writingcenter@pointloma.edu

BELOW IS A LIST OF YOUR ASSIGNMENTS, AND THE DATE ON WHICH THEY ARE DUE

(note: these are subject to change)

Course Summary:

| Date | Details | Due |
|-----------------|--|----------------------------|
| Mon Sep 2, 2024 | No Class (Labor Day) (https://canvas.pointloma.edu/calendar? event_id=157053&include_contexts=course_74483) | 12am |
| | 01m In Class: Introduction, syllabus, and Course Overview (https://canvas.pointloma.edu/calendar? event_id=157052&include_contexts=course_74483) | 12am |
| Wed Sep 4, 2024 | 01w In Class: Getting Acquainted (https://canvas.pointloma.edu/courses/74483/assignments/ | due by 10am /1051638) |
| | InQuizitive Assignment: How to Use InQuizitive du (https://canvas.pointloma.edu/courses/74483/assignments. | ne by 11:59pm (1051705) |
| | Olf Reading: Morling Ch. 1 - Questions You Should be Prepared to Discuss in Class (https://canvas.pointloma.edu/courses/74483/assignments) | ue by 7:30am /1051640) |
| | Chapter 1 InQuizitive (https://canvas.pointloma.edu/courses/74483/assignments. | due by 8am (1051689) |
| Fri Sep 6, 2024 | Meet in Bresee Lab Today (Learn techniques for Online Research) 8:30 | am to 9:30am |

(https://canvas.pointloma.edu/calendar? event id=157066&include contexts=course 74483) **13** 01f Meet in Computer Lab: **Introduction to Literature** due by 10am Searches (https://canvas.pointloma.edu/courses/74483/assignments/1051636) **3** 02m Reading: Morling Ch. 2 - Questions You Should be due by 7:30am **Prepared to Discuss in Class** (https://canvas.pointloma.edu/courses/74483/assignments/1051637) **Chapter 2 InQuizitive** (https://canvas.pointloma.edu/courses/74483/assignments/1051635) Mon Sep 9, 2024 **12** 02m In Class: C.O.D.E., **Progressive Summarization,** and Switching Between due by 10am **Divergent and Convergent Mode** (https://canvas.pointloma.edu/courses/74483/assignments/1068149) 02w In Class: Basic **Research Design: Generating Testable Hypotheses** 12am (https://canvas.pointloma.edu/calendar? event id=157068&include contexts=course 74483) **O2w Reading: Morling Ch. 3** - Questions You Should be due by 7:30am **Prepared to Discuss in Class** Wed Sep 11, 2024 (https://canvas.pointloma.edu/courses/74483/assignments/1051644) **□** Chapter 3 InQuizitive (https://canvas.pointloma.edu/courses/74483/assignments/1051695) 02w In Class: Generating **Testable Hypotheses** due by 10am (https://canvas.pointloma.edu/courses/74483/assignments/1051643) 02f Reading: Morling Ch. 4 -

| | Questions You Should be due by 7:30am Prepared to Discuss in Class (https://canvas.pointloma.edu/courses/74483/assignments/1051642) |
|-------------------|--|
| Fri Sep 13, 2024 | Chapter 4 InQuizitive due by 8am (https://canvas.pointloma.edu/courses/74483/assignments/1051696) |
| | O2f In Class: Basic Research Design (Ethics and Validity) (https://canvas.pointloma.edu/courses/74483/assignments/1051641) |
| Sun Sep 15, 2024 | Week 2 Take Home: Article Review #2 - Sign-up (https://canvas.pointloma.edu/courses/74483/assignments/1051720) |
| Suit Sep 15, 2024 | Week 2 Take Home: Article Review and Critique due by 11:59pm (https://canvas.pointloma.edu/courses/74483/assignments/1051721) |
| Mon Sep 16, 2024 | 03m In Class: How to Read a Journal Article (https://canvas.pointloma.edu/calendar? event_id=157061&include_contexts=course_74483) |
| | Description of the second second of the seco |
| Wed Sep 18, 2024 | 03w In Class: Review for Exam 1 (https://canvas.pointloma.edu/calendar? event_id=157056&include_contexts=course_74483) |
| Fri Sep 20, 2024 | © 03f Exam 1 (Chs. 1-4) due by 8:30am (https://canvas.pointloma.edu/courses/74483/assignments/1051645) |
| Sat Sep 21, 2024 | Week 3 Take Home (Part 1; Due SATURDAY): Article Review #2 & Critique ("Questions to Answer for Article Review") due by 12:59pm |

Week 3 Take Home: Idea for

Empirical Research Study

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051723)

Sun Sep 22, 2024

Week 3 Take Home: Idea for

Empirical Research Study

Copy

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051724)

04m In Class: Present

Article & Idea for Study

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051651)

Mon Sep 23, 2024

**Week 3 Take Home (Part

2): Ideas for Empirical Research (Discussion)

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051634)

**Week 3 Take Home (Part

2): Ideas for Empirical

due by 11:59pm

Research (Discussion) Copy

(https://canvas.pointloma.edu/courses/74483/assignments/1051629)

3 04w Reading: Morling Ch. 5

due by 7:30am (https://canvas.pointloma.edu/courses/74483/assignments/1051648)

□ Chapter 5 InQuizitive

(https://canvas.pointloma.edu/courses/74483/assignments/1051697)

Wed Sep 25, 2024

204w In-Class:

Operationalizing Variables

using Valid, Reliable

due by 10am

Measurements

(https://canvas.pointloma.edu/courses/74483/assignments/1051647)

***04w In Class: Form

Groups & Narrow Research

Topic

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051652)

O4f Reading: Morling Ch. 6 due by 7:30am (https://canvas.pointloma.edu/courses/74483/assignments/1051650) Chapter 6 InQuizitive due by 8am (https://canvas.pointloma.edu/courses/74483/assignments/1 Fri Sep 27, 2024 04f In Class: Measuring Variables; Reliability and due by 10am **Validity** (https://canvas.pointloma.edu/courses/74483/assignments/1051649) **Week 4 Take Home: Meet in Research Groups to Decide on Variables** 10am to 11:59pm (https://canvas.pointloma.edu/calendar? event id=157067&include contexts=course 74483) Sun Sep 29, 2024 Week 4 Take Home: Meet in Research Group to Decide on due by 11:59pm **Variables** (https://canvas.pointloma.edu/courses/74483/assignments/1068444) **05m In Class: Research** Mon Sep 30, 2024 **Questions & Hypotheses** due by 11:59pm (https://canvas.pointloma.edu/courses/74483/assignments/1051655) **05w In Class: Measuring** Variables; Reliability and **Validity** 12am (https://canvas.pointloma.edu/calendar? event id=157057&include contexts=course 74483) Wed Oct 2, 2024 **3** 05w Reading: Morling Ch. 7 due by 7:30am (https://canvas.pointloma.edu/courses/74483/assignments/ Chapter 7 InQuizitive (https://canvas.pointloma.edu/courses/74483/assignments/1051699) **3** 05f Before-Class: **Application Questions for Chs.** Fri Oct 4, 2024 due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051653)

5-7

| | ₩eek 5 Take Home: | |
|------------------|---|----------------------|
| | Annotated Bibliography of (at | |
| Sat Oct 5, 2024 | | due by 11:59pm |
| , | Topic | , , |
| | (https://canvas.pointloma.edu/courses/74483/assignmen | its/1051725) |
| Mon Oct 7, 2024 | ₽ 06m Exam 2 (Chs. 5-7) | due by 8:30am |
| WOT OCC 7, 2024 | (https://canvas.pointloma.edu/courses/74483/assignmen | ts/1051654) |
| | ₩eek 5 Take Home: | |
| | Prepare for Group Presentation | |
| Tue Oct 8, 2024 | on your Idea for Research | due by 10:55pm |
| | <u>Study</u> | |
| | (https://canvas.pointloma.edu/courses/74483/assignmen | <u>its/1051726</u>) |
| | iii 06w In Class: Present | |
| | Idea(s) for Research | |
| | Study/Feedback | 12am |
| | (https://canvas.pointloma.edu/calendar? | |
| Wed Oct 9, 2024 | event_id=157058&include_contexts=course_74483) | |
| | ₽ 06w In Class: Group | |
| | Presents Idea for Research | dua by 10,EEam |
| | Study/Feedback | due by 10:55am |
| | (https://canvas.pointloma.edu/courses/74483/assignmen | <u>its/1051659</u>) |
| | iii 06f In Class: Writing a | |
| | testable hypothesis (read and | |
| | <u>critique samples) - Use the</u> | 12am |
| | Measure You Brought | ızam |
| | (https://canvas.pointloma.edu/calendar? | |
| | event_id=157069&include_contexts=course_74483) | |
| | | |
| Eri Oct 11, 2024 | ₽ 06f Before Class: Data on | |
| Fri Oct 11, 2024 | 9 <u>06f Before Class: Data on</u> <u>Measure (and bring to class)</u> | due by 7:30am |
| Fri Oct 11, 2024 | | • |
| Fri Oct 11, 2024 | Measure (and bring to class) | • |
| Fri Oct 11, 2024 | Measure (and bring to class) (https://canvas.pointloma.edu/courses/74483/assignmen | • |
| Fri Oct 11, 2024 | Measure (and bring to class) (https://canvas.pointloma.edu/courses/74483/assignmen | • |
| Fri Oct 11, 2024 | Measure (and bring to class) (https://canvas.pointloma.edu/courses/74483/assignmen □ 06f In Class: Writing a testable hypothesis (read and | ats/1051657) |

₩ Week 6 Take Home (Part 2):

Hypotheses for Your Group's

Study (& Responses to Others'

Topics)

(https://canvas.pointloma.edu/courses/74483/assignments/1051728)

Sat Oct 12, 2024

Week 6 Take Home (Part 2):

Hypotheses for Your Group's

Study (and respond to other

due by 11:59pm

due by 11:59pm

groups)

(https://canvas.pointloma.edu/courses/74483/assignments/1051633)

₩ Week 6 Take Home (Part 1):

Annotated Bibliography for a **Second Article on Your Topic**

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051727)

Sun Oct 13, 2024

Comment on Other Groups'

Hypotheses

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051729)

07m In Class: Outlining a

Lit Review

12am

(https://canvas.pointloma.edu/calendar?

event id=157059&include contexts=course 74483)

Mon Oct 14, 2024

3 07m In-Class: Outlining a

Lit Review due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051661)

one of the line o

First Paragraph (Old:New

Rule); Review for Exam

12am

(https://canvas.pointloma.edu/calendar?

event id=157062&include contexts=course 74483)

Wed Oct 16, 2024

due by 9:30am (https://canvas.pointloma.edu/courses/74483/assignments/1051688)

> 07w In Class: Writing the

First Paragraph (Old:New Rule)

Fri Oct 18, 2024

O7f In-Class: Writing a "No-

Source" Lit Review

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051660)

Week 7 Take Home (Part 1): Week 7 Take Home (Part 1):

First Paragraph of Introduction (and Revised Hypotheses)

due by 11:59pm

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051730)

Sun Oct 20, 2024

Week 7 Take Home (Part 2):

Annotated Bibliography for

Eleven Sources

(https://canvas.pointloma.edu/courses/74483/assignments/1051731)

19 08m In-Class: Continue

Rough Draft of Literature Review Outline, adding

due by 10am

due by 10am

Sources

(https://canvas.pointloma.edu/courses/74483/assignments/1051663)

Mon Oct 21, 2024

08m In-Class: Intro or

Method Presentation;

INSTRUCTIONS FOR PEER

REVIEW

(https://canvas.pointloma.edu/courses/74483/assignments/1051664)

08w Reading: Morling Ch. 8

due by 7:30am (https://canvas.pointloma.edu/courses/74483/assignments/1051665)

Chapter 8 InQuizitive

(https://canvas.pointloma.edu/courses/74483/assignments/1051700)

Wed Oct 23, 2024

**08w | In-Class: Using

JASP to Analyze Real Data

(Correlation) (GPA - SAVE FOR

PSY 3091)

(https://canvas.pointloma.edu/courses/74483/assignments/1051921)

№ 08w | In-Class: Using JASP to Analyze Real Data

due by 10am

(Correlation)

(https://canvas.pointloma.edu/courses/74483/assignments/1051666)

Fri Oct 25, 2024

1086 086 In Class: Meet in

Computer Lab; SPSS Practice

12am

(https://canvas.pointloma.edu/calendar?

event id=157051&include contexts=course 74483)

₩eek 8 Take Home: Re-

Attach Outline of Introduction

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051732)

Sun Oct 27, 2024

Week 8 Take Home: Rough

Draft of Literature Review

Outline

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051733)

9 09m Reading: Morling Ch.

10 - Questions You Should be **Prepared to Discuss in Class**

due by 7:30am

(https://canvas.pointloma.edu/courses/74483/assignments/1051670)

Mon Oct 28, 2024

Chapter 10 InQuizitive

due by 8am (https://canvas.pointloma.edu/courses/74483/assignments/1051690)

9 09m In Class: Elements of

a True Experiment (NOT

GRADED)

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051669)

3 09f Reading: Morling Ch. 11

- Questions You Should be

Prepared to Discuss in Class

due by 7:30am

(https://canvas.pointloma.edu/courses/74483/assignments/1051668)

□ Chapter 11 InQuizitive

(https://canvas.pointloma.edu/courses/74483/assignments/1051691)

Fri Nov 1, 2024

9 09f In Class: What's Wrong with your Experiment? Threats

to Validity

19 09w In Class: What's

Wrong with your Experiment?

Threats to Validity.

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051671)

Week 9 Take Home (Part 2): Week 9 Take Home (Part 2):

Annotated Bibliography of 10

due by 9:30am

Articles

(https://canvas.pointloma.edu/courses/74483/assignments/1051735)

Sun Nov 3, 2024

Week 9 Take Home: Outline

#2 of Introduction

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051734)

Mon Nov 4, 2024

10m In-Class: Review for 10m In-Class: Review for R

Exam 3 (Morling Chs. 8, 10, 11)

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051674)

Wed Nov 6, 2024

10w Exam 3 (Chs. 8, 10 & 20 a

11)

due by 8:30am

(https://canvas.pointloma.edu/courses/74483/assignments/1051675)

10f Before Class: Copies of

2-3 Measures for Each Variable

due by 7:30am

(https://canvas.pointloma.edu/courses/74483/assignments/1051672)

Fri Nov 8, 2024

10f In Class: Individual Feedback for Outlines and

due by 10am

Study Idea

(https://canvas.pointloma.edu/courses/74483/assignments/1051673)

Sun Nov 10, 2024

Week 10 Take Home: ■

Introduction Section

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051709)

11m PowerPoint of

Introduction Presentation

due by 8am

(https://canvas.pointloma.edu/courses/74483/assignments/1051678)

Mon Nov 11, 2024



11m In Class: Present

Introduction to Class

due by 10am

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051677)

Wed Nov 13, 2024

□ 11w In Class: Meet in group with professor to discuss

methodology (and Write

Method Outline during the remaining 45 minutes)

(https://canvas.pointloma.edu/courses/74483/assignments/1051679)

Fri Nov 15, 2024

11f In-Class: Outline

Method due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051676)

Sun Nov 17, 2024

Week 11 Take Home: ■

Outline of Method (Be Ready to

Present on Monday)

(https://canvas.pointloma.edu/courses/74483/assignments/1051710)

in 12m In Class: Present

Revised Methodology

(https://canvas.pointloma.edu/calendar?

event id=157063&include contexts=course 74483)

12am

Mon Nov 18, 2024

12m In Class: Group 1

Method Feedback

due by 10am

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051630)

12m In Class: Group 2

Method Feedback

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051632)

12m In Class: Group 3

Method Feedback

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051631)

> 12w Before Class: Bring

Final Measures to Class

due by 7:30am

(https://canvas.pointloma.edu/courses/74483/assignments/1051682)

Wed Nov 20, 2024

12w In-Class: Qualtrics 12w In-Class: Qualtrics Training Day; Put Study into

Qualtrics (Meet in Bresee

Computer Lab)

(https://canvas.pointloma.edu/courses/74483/assignments/1051683)

12f PowerPoint of

Methodology Presentation

due by 8am

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051681)

Fri Nov 22, 2024

12f In Class: Present

Methodology to Class

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051680)

Week 12 Take Home (Part

2): Pilot Test Your Study Using

Group Members and 5-10

due by 11:59pm

Others

(https://canvas.pointloma.edu/courses/74483/assignments/1051711)

Sun Nov 24, 2024

Week 12 Take Home:

Complete Putting Experiment into Qualtrics & Pilot Test

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051712)

Week 12 Take Home:

Method Section

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051713)

□ 13m In Class: Pilot Test

First Draft of Study Website

(Meet in Bresee Computer Lab)

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051684)

Group 1 Pilot Test

Feedback

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051628)

Mon Nov 25, 2024

Group 2 Pilot Test

Feedback

due by 10am

(https://canvas.pointloma.edu/courses/74483/assignments/1051627)

Group 3 Pilot Test **Feedback**

| Sun Dec 1, 2024 | Week 13 Take Home: Finalize Experiment in Qualtrics (https://canvas.pointloma.edu/courses/74483/assignments/1051714) |
|------------------|---|
| Mon Dec 2, 2024 | 14m In Class: How to write an IRB Proposal due by 10am (https://canvas.pointloma.edu/courses/74483/assignments/1051686) |
| Wed Dec 4, 2024 | |
| Thu Dec 5, 2024 | THURSDAY NIGHT): First Draft of IRB Proposal (https://canvas.pointloma.edu/courses/74483/assignments/1051685) |
| Sun Dec 8, 2024 | Week 14 Take Home (Part I): Complete CITI Training due by 11:59pm (https://canvas.pointloma.edu/courses/74483/assignments/1051715) |
| | Week 14 Take Home: Finalize and Submit IRB Proposal (https://canvas.pointloma.edu/courses/74483/assignments/1051716) |
| Wed Dec 11, 2024 | 15w In Class: Final Powerpoint Présentation of Introduction and Method (https://canvas.pointloma.edu/calendar? event_id=157064&include_contexts=course_74483) |
| | Final PowerPoint of Introduction & Method Sections (https://canvas.pointloma.edu/courses/74483/assignments/1051703) |
| | 15f In Class: Final Powerpoint Présentation of |

Fri Dec 13, 2024

Introduction and Method

12am

(https://canvas.pointloma.edu/calendar?

event id=157065&include contexts=course 74483)

Week 15 Take Home: Final

Introduction & Method

due by 11:59pm

Sections

(https://canvas.pointloma.edu/courses/74483/assignments/1051717)

Sun Dec 15, 2024

Week 15 Take Home: Final

Introduction & Method

due by 11:59pm

Sections Copy

(https://canvas.pointloma.edu/courses/74483/assignments/1051718)

Mon Dec 16, 2024

2 16m In Class: Monday **Morning Poster Session**

due by 11:59pm

Response (Come by 8:30am)

(https://canvas.pointloma.edu/courses/74483/assignments/1066981)

Wed Dec 18, 2024

Final Exam

(https://canvas.pointloma.edu/calendar?

2pm to 3:30pm

event id=157054&include contexts=course_74483)

Thu Dec 19, 2024

Week 16 Take Home: Group

Participation Survey

due by 11:59pm

(https://canvas.pointloma.edu/courses/74483/assignments/1051719)

□ Chapter 12 InQuizitive

(https://canvas.pointloma.edu/courses/74483/assignments/1051692)

□ Chapter 13 InQuizitive

(https://canvas.pointloma.edu/courses/74483/assignments/1051693)

Chapter 14 InQuizitive

(https://canvas.pointloma.edu/courses/74483/assignments/1051694)

Chapter 9 InQuizitive

(https://canvas.pointloma.edu/courses/74483/assignments/1051701)

Final Introduction &

Method Sections (Individual

Grade)

(https://canvas.pointloma.edu/courses/74483/assignments/1051702)

Fuller Integration

Symposium

(https://canvas.pointloma.edu/courses/74483/assignments/1051704)

Honorlock Practice Quiz

(https://canvas.pointloma.edu/courses/74483/assignments/1051736)

Inquisitive (Test)

(https://canvas.pointloma.edu/courses/74483/assignments/1051706)

Research Forum

(https://canvas.pointloma.edu/courses/74483/assignments/1051707)

Unnamed Quiz

(https://canvas.pointloma.edu/courses/74483/assignments/1051737)

₩atch Intelligent Lives

(https://canvas.pointloma.edu/courses/74483/assignments/1051708)