

San José State University
Department of Psychology
Psychology 120, Advanced Research Methods and Design,
Sections 80 and 81, Spring 2024

Course and Contact Information

Instructor:	Greg Savage, M.A.
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Email:	Gregory.Savage@sjsu.edu
Office Hours:	Tuesday and Thursday 12:00 PM to 1:00 PM
Class Days/Time:	Lecture: Friday, 9:00 to 11:30 AM Lab: Friday, 11:45 AM to 1:45 PM
Classroom:	Lecture: N/A Lab: N/A
Prerequisites:	Psyc 1, Stat 95, Psyc 100W

Course Description

Descriptive, correlational, quasi-experimental, and experimental approaches: design, methodology, and analysis. Experience designing, conducting, analyzing, and presenting research findings Prerequisites: PSYC 001, STAT 095, and PSYC 100W.

Course Format

This course follows an online synchronous format with lectures, discussions, and activities taking place during scheduled Zoom meetings. Please see the course schedule for specific due dates.

Course Learning Outcomes

Upon successful completion of this course, students will be able to:

CLO 1 Understand how psychology is a science in which people seek to gain knowledge about behavior and mental processes by running experiments and other types of studies

CLO 2 Understand how the scientific method is used in psychological research

CLO 3 Understand the differences between the different types of studies and different types of research designs used in psychological research

CLO 4 Understand why different research methods are needed for different research situations

CLO5 Understand and know the advantages and disadvantages of specific research methods

CLO6 Understand and know the vocabulary associated with psychological research methods

CLO 7 Understand how to treat research participants ethically and why the ethical treatment of participants is important and necessary

CLO 8 Understand the factors that can affect the ability of a research study to provide a sound answer to a researcher's question and how to reduce or eliminate these factors

CLO 9 Understand why statistics are important and needed in psychological research

CL0 10 Understand the meaning of statistical significance

CLO 11 Conduct statistical analyses and interpret the results

CLO 12 Understand the limitations of the results of research studies and draw appropriate conclusions from the results of research studies

CLO 13 Carry out a research study from beginning to end (including writing a research report)

Program Learning Outcomes (PLO)

Upon successful completion of the psychology major requirements...

PLO1 – Knowledge Base of Psychology – Students will be able to identify, describe, and communicate the major concepts, theoretical perspectives, empirical findings, and historical trends in psychology.

PLO2 – Research Methods in Psychology – Students will be able to design, implement, and communicate basic research methods in psychology, including research design, data analysis, and interpretations.

PLO3 – Critical Thinking Skills in Psychology – Students will be able to use critical and creative thinking, skeptical inquiry, and a scientific approach to address issues related to behavior and mental processes.

PLO4 – Application of Psychology – Students will be able to apply psychological principles to individual, interpersonal, group, and societal issues.

PLO5 – Values in Psychology – Students will value empirical evidence, tolerate ambiguity, act ethically, and recognize their role and responsibility as a member of society.

Recommended Texts/Readings

Textbook

Myers, A., & Hansen, C. H. (2011). *Experimental psychology* (7th ed.). Belmont, CA: Wadsworth Cengage.
ISBN number: 978-0-495-60231-6

APA Publication Manual

American Psychological Association. (2010). *Publication manual of the American Psychological Association* (7th ed.). Washington, D. C.: American Psychological Association.
ISBN number: 978-1-433-83215-4

Other Readings

Students will read typed lectures and peer-reviewed journal articles that they find online.

Other technology requirements / equipment / material

Students will need to have internet access.

Course Requirements and Assignments

Exams:

One midterm exam and one non-cumulative final exam will take place during the semester.

Each exam will include multiple choice questions and short essay questions.

Each exam will be open notes and open book.

Each exam will be a Word file posted under Files that students will have one week to complete.

Exams need to be completed individually and uploaded to Canvas by the due date.

Each exam will lose 10% of credit for each hour that it is late.

Cheating on exams will not be tolerated. Please refer to the section on Academic Dishonesty for information on the consequences of cheating.

Typed Lecture Assignments:

During certain weeks, I will post an assignment in which you read a typed version of the current week's lecture material. Each of these assignments will ask you to answer multiple choice questions at the end of each section of the typed lecture. Each of these assignments will also ask you to respond to two short answer questions (at the end of the assignment).

During each week that has a typed lecture assignment, the assignment will need to be uploaded to Canvas by Thursday at midnight. Each of these assignments will lose 10% of credit for each hour that it is late (until it is worth 50% credit).

Notes:

1. Each typed lecture assignment is an individual assignment. Each student will need to upload his or her own assignment to Canvas. Although students can privately discuss questions that they are unsure about, they cannot blindly copy other students' answers or publicly share their answers with the entire class. Also, a student's response to a short answer question needs to be written in his or her own words and not copied from another student.

2. Students' answers to the short answer questions must not contain information that was copied word-for-word from the internet or an outside source. Any information that you find on a website (or any outside source) must be paraphrased. You are welcome to contact me for assistance with paraphrasing.

Discussion Questions:

On most Fridays during the semester, we will have at least one lecture during the lecture time slot (which runs from 9:00 AM to 11:30 AM). On each Friday in which there is a lecture, I will deliver 1 or 2 lecture segments of approximately 60 minutes. Each time we finish a lecture segment, I will introduce and open a discussion set on the material we just covered.

Each discussion set will include 3 questions.

In each discussion set, the first two questions will focus on concepts, terms, or facts covered during that day's lecture. Also, the first two questions might have multiple parts to them.

In each discussion set, the third question will ask you to pose a question to the other students in the class or attempt to answer another student's question.

You won't be able to view other students' answers to the first two questions until you post your answer, but you will be able to view other students' answers to the third question even before you post your answer. Please don't post blank or incomplete answers to gain access to the discussion board. If you do, any information you post after having access to other students' answers will receive a 50% penalty (because it will be considered a correction to your original answer).

Each time a discussion set is assigned, the third question will be due 15 minutes after it is assigned (at either 10:15 AM or 11:30 AM). The first and second questions will be due at 9:00 AM at the start of our next Friday class. You will be able to work on the first and second questions at any time during the one week gap between classes. At 9:00 AM, I will close the 1 or 2 discussion sets that were assigned the previous Friday. I will then explain the correct answers to the discussion questions during roughly the first 5 to 10 minutes of class.

Late discussion posts will lose 10% credit for each hour that they are late (until they are worth 50% credit).

After I explain the answers to a discussion set, I will reopen the discussion set at the end of lab (at 2:45 PM). Students will then have the opportunity to correct their answers any time before midnight (This is optional).

If you make a correction to a discussion post, you will earn 50% credit for any information you correct successfully. Also, there is no risk of losing credit by making a correction to a discussion post.

Activities:

On certain Fridays during the semester, we will complete an in-class activity during the second half of the lecture time slot (which runs from 9:00 AM to 11:30 AM). The directions for an in-class activity will be posted on Canvas at least one full day ahead of time. Each time we complete an in-class activity, I will spend 15 minutes of class time explaining the activity. We will then spend one hour of class time working on the activity. Depending on the structure of the activity, students will complete the activity individually, in small groups, or as entire class working together with the instructor guiding the activity.

During each in-class activity, you will complete exercises such as participating in experiments, recording data,

performing calculations, creating graphs, interpreting graphs, running simulations, or using websites. Each in-class activity might also include multiple choice or short answer questions.

On each Friday that we complete an in-class activity, the activity will be due at midnight (by Canvas upload).

Late activities will lose 10% of credit for each hour that they are late (until they are worth 50% credit).

Note:

On one specific Friday, we will complete two in-class activities during the lecture time slot and have no lectures. On this Friday, both in-class activities will be due at midnight.

Project:

Students will work in groups of 1 to 5 people on a research project in which data is collected from human participants, the data is analyzed, and a complete APA report is written. The details of the requirements for this project will be provided during the semester.

Each group of students will write the APA report as a group. Each group will need to decide how to divide the writing of the paper (along with deciding how to divide all of the other responsibilities involved in completing the project). Any student who would like to submit an individual paper (separate from the one completed by the group) will need to speak with me to make arrangements.

Students cannot plagiarize material from the papers of students who are outside of their group or plagiarize material from published sources. Please refer to the section on Academic Integrity for information about the consequences of plagiarism. In order to avoid plagiarism, you must cite the sources that your information comes from and also use quotations when you are directly quoting information from a source.

One student per group will need to submit the final report by midnight on the due date (by Canvas upload).

Late reports will lose 10% of credit for each hour that they are late.

Notes:

1. It is preferred for students to work in groups rather than working individually. Each student who decides to complete an individual project will be responsible for completing all of the work for the project.
2. If a student ever feels that a member of his or her group isn't making the contributions that he or she agreed to make, and hasn't been able to resolve the issue, the student needs to contact me as soon as possible. If a student contacts me with concerns about a member of his or her group, I will request to have separate meetings with the students on both sides of the issue and possibly with the group as a whole. During our meetings, we will attempt to find a way to resolve the issue.
3. Each student who is working in a group will need to submit a survey about the performance of his/her group at the end of the semester. Out of the 40 points that a student can earn for the project, 20 points will be based on the extent to which the student's group agrees that he or she made the contributions that he or she agreed to

make. Any student who works in a group but does not submit the survey will automatically lose 20 points on the project.

4. If a group is unable to resolve an issue with a group member, I will recommend for the group to separate to improve the experience of everyone and to help people avoid losing points on the group survey. Both sides of a separated group will have access to all materials created by the group before the separation.

5. If any student ever feels excluded by his or her group, or feels unfairly treated by his or her group, the student needs to contact me as soon as possible.

Rough draft of Introduction Section:

Each group will need to write a rough draft of their Introduction section and upload it to Canvas by Sunday March 24 at midnight.

I will provide instructions for how to complete this section of the paper.

At least one member of each group will need to upload the rough draft of the Introduction section to Canvas in order for each member of the group to receive credit.

This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).

Rough draft of Method Section:

Each group will need to write a rough draft of their Method section and upload it to Canvas by Sunday April 7 at midnight.

I will provide instructions for how to complete this section of the paper.

At least one member of each group will need to upload the rough draft of the Method section to Canvas in order for each member of the group to receive credit.

This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).

Laboratory Requirements:

Each student will need to complete the following lab requirements (each requirement is worth 2 points)

1. Lab Assignment 1 (IRB application assignment)
2. Lab Assignment 2 (finding a possible topic, finding 3 empirical peer-reviewed journal articles on that topic, and creating an APA reference list of those 3 articles)
3. Lab Assignment 3 (deciding on your group's final topic, deciding what research questions are the most

interesting to your group, exploring possible ways to carry out your group's project, summarizing and critiquing 2 empirical peer-reviewed journal articles on your group's final topic).

4. Lab Assignment 4 (project proposal)
5. Lab Assignment 5 (finding 5 sources for group paper, forming hypotheses)
6. Lab Assignment 6 (creating materials for group project)
7. Lab Assignment 7 (practice data entry task)
8. Lab Assignment 8 (entering data, calculating results, writing results section)
9. Lab Assignment 9 (creating slideshow of group project)
10. Lab Assignment 10 (group discussion of research project)
11. Participation Surveys (13 total, 2 points each)
12. Showing me that your group has started collecting data by Week 9

Note: "Success in this course is based on the expectation that students will spend, for each unit of credit, a minimum of 45 hours over the length of the course (normally three hours per unit per week) for instruction, preparation/studying, or course related activities, including but not limited to internships, labs, and clinical practica. Other course structures will have equivalent workload expectations as described in the syllabus."

Final Examination or Evaluation

The final exam will be similar in format to the midterm. It will include multiple choice questions and short essay questions.

Grading Information

Exams:

The multiple choice questions on exams will be graded based on accuracy (i.e., the percentage of questions answered correctly). The short essay questions will be graded based on content rubrics.

Typed Lecture Assignments:

The multiple choice questions on typed lecture assignments will be graded based on accuracy (i.e., the percentage of questions answered correctly). The short answer questions will be graded based on a rubric that will be provided along with each typed lecture assignment. Each short answer question will be worth the same amount of credit as two multiple choice questions.

Discussion Questions:

Your answer to each discussion board question will be graded based on a rubric that is provided along with the question. These rubrics will provide information about required (or recommended) length and required content.

Activities:

Each activity will be graded based on its own rubric.

Project Rough Drafts:

Each rough draft will be graded based on a rubric that will be provided.

Project Final Draft:

The final draft of your research report will be graded based on a rubric that will be provided as well as the extent to which you fairly contributed to the project (if you are working in a group).

Laboratory Requirements:

Each lab requirement will be graded based on its own criteria. Expectations regarding lab requirements will be provided during the semester.

Determination of Grades

Your final grade will be based on the number of points that you earn during the semester. The following table provides a breakdown of the 322 points that you can earn during the semester.

Typed Lecture Assignments – 11 total (44 points)

Discussion Sets – 17 total (68 points)

Activities- 13 total (52 points)

Exam 1- 25 points

Final Exam- 25 points

Laboratory Requirements- 24 total (48 points)

Rough Draft of Introduction – 10 points

Rough Draft of Method – 10 points

Project – 40 points

Late Work:

Each student will be allowed to submit up to two of each type of assignment late with only 20% of the typical late penalty. All late work must be submitted by the deadline of the final exam.

Grading Scale:

A- 90 – 100% B – 80 – 89% C – 70 – 79% D – 60 – 69% F – 59% and below

Classroom Protocol

Lecture Sessions: Depending on the week, each lecture session will consist of two lectures, a lecture and an in-class activity, or two in-class activities. Each time we finish a lecture segment (of approximately 60 minutes), a discussion set will be introduced and opened.

Laboratory sessions: Lab sessions will include a sequence of activities in which you work toward the completion of your group's research project.

Attendance: Attending lecture is important in order to obtain information from lecture and receive assistance with discussion questions and in-class activities.

Attending laboratory sessions is important in order to complete lab assignments, work on your project with your teammates, and meet with the instructor to receive feedback as you go along.

Failing to participate in a lab meeting will result in a 0 score for that lab meeting (See lab schedule for information about which lab days have participation points and how information about participation will be gathered). However, I will drop your lowest lab score from your grade.

Arrival times: Although emergencies do occur, please come to lecture and lab on time whenever possible.

Behavior: Please be respectful of the other students in the class and myself, both in general and during Zoom meetings. Please make sure that your microphone doesn't produce distracting background noise.

University Policies

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](http://www.sjsu.edu/gup/syllabusinfo/) at <http://www.sjsu.edu/gup/syllabusinfo/> Make sure to review these university policies and resources.

Psychology 120: Advanced Research Methods and Design, Section 80 (Lecture), Spring Semester 2024, Course Schedule

Lecture Schedule: This schedule is subject to change with fair notice.

Week	Topics	Class Agenda	Due Dates
1	Fri 01/26 Introduction to Course Scientific Method Ch. 1	Fri 01/26 9:00 to 10:05 AM Discuss Section 80 course structure, expectations, syllabus, and Canvas page 10:05 to 10:15 AM Work on Discussion Set 1 10:15 AM to 11:20 AM Lecture on Scientific Method Ch. 1 11:20 to 11:30 AM Work on Discussion Set 2	Fri 01/26 Discussion Set 1 (Practice) due at 10:15 AM Discussion Set 2 (Question 3) due at 11:30 AM Activity 1 due at midnight
2	Fri 02/02 Research Ethics Ch. 2	Fri 02/02 9:00 to 10:05 AM Lecture on Research Ethics Ch. 2 10:05 to 10:15 AM Work on Discussion Set 3 10:15 to 10:30 AM Overview of Activity 2 10:30 to 11:30 AM Work on Activity 2	Thurs 02/01 Typed Lecture Assignment 1 due at midnight Fri 02/02 Discussion Set 2 (Questions 1 and 2) due at 9:00 AM Discussion Set 3 (Question 3) due at 10:15 AM Activity 2 due at midnight

3	<p>Fri 02/09</p> <p>Qualitative Research Ch. 3</p> <p>Survey Research Ch. 4</p>	<p>Fri 02/09</p> <p>9:00 to 10:05 AM Lecture on Qualitative Research Ch. 3</p> <p>10:05 to 10:15 AM Work on Discussion Set 4</p> <p>10:15 to 11:20 AM Lecture on Survey Research Ch. 4</p> <p>11:20 to 11:30 AM Work on Discussion Set 5</p>	<p>Thurs 02/08</p> <p>Typed Lecture Assignment 2 due at midnight</p> <p>Fri 02/09</p> <p>Discussion Set 3 (Questions 1 and 2) due at 9:00 AM</p> <p>Discussion Set 4 (Question 3) due at 10:15 AM</p> <p>Discussion Set 5 (Question 3) due at 11:30 AM</p>
4	<p>Fri 02/16</p> <p>Survey Research Ch. 4</p>	<p>Fri 02/16</p> <p>9:00 to 10:05 AM Lecture on Survey Research Ch. 4</p> <p>10:05 to 10:15 AM Work on Discussion Set 6</p> <p>10:15 to 10:30 AM Overview of Activity 3</p> <p>10:30 to 11:30 AM Work on Activity 3</p>	<p>Thurs 02/15</p> <p>Typed Lecture Assignment 3 due at midnight</p> <p>Fri 02/16</p> <p>Discussion Set 4 (Questions 1 and 2) due at 9:00 AM</p> <p>Discussion Set 5 (Questions 1 and 2) due at 9:00 AM</p> <p>Discussion Set 6 (Question 3) due at 10:15 AM</p> <p>Activity 3 due at midnight</p>
5	<p>Fri 02/23</p> <p>Correlational Research Ch. 5</p>	<p>Fri 02/23</p> <p>9:00 to 10:05 AM Lecture on Correlational Research Ch. 5</p> <p>10:05 to 10:15 AM Work on Discussion Set 7</p>	<p>Thurs 02/22</p> <p>Typed Lecture Assignment 4 due at midnight</p> <p>Fri 02/23</p> <p>Discussion Set 6 (Questions 1 and 2) due at 9:00 AM</p>

		10:15 to 10:30 AM Overview of Activity 4 10:30 to 11:30 AM Work on Activity 4	Discussion Set 7 (Question 3) due at 10:15 AM Activity 4 due at midnight
6	Fri 03/01 Correlational Research Ch. 5	Fri 03/01 9:00 to 10:05 AM Lecture on Correlational Research Ch. 5 10:05 to 10:15 AM Work on Discussion Set 8 10:15 to 10:30 AM Overview of Activity 5 10:30 to 11:30 AM Work on Activity 5	Thurs 02/29 Typed Lecture Assignment 5 due at midnight Fri 03/01 Discussion Set 7 (Questions 1 and 2) due at 9:00 AM Discussion Set 8 (Question 3) due at 10:15 AM Activity 5 due at midnight
7	Fri 03/08 Quasi-Experimental Research Ch. 5 Basics of Experimentation Ch. 6	Fri 03/08 9:00 to 10:05 AM Lecture on Quasi-Experimental Research Ch. 5 10:05 to 10:15 AM Work on Discussion Set 9 10:15 to 11:20 AM Lecture on Basics of Experimentation Ch. 6 11:20 to 11:30 AM Work on Discussion Set 10	Thurs 03/07 Exam 1 due at midnight Fri 03/08 Discussion Set 8 (Questions 1 and 2) due at 9:00 AM Discussion Set 9 (Question 3) due at 10:15 AM Discussion Set 10 (Question 3) due at 11:30 AM

8	Fri 03/15 Controlling Extraneous Variables Ch. 7	Fri 03/15 9:00 to 10:05 AM Lecture on Controlling Extraneous Variables Ch. 7 10:05 to 10:15 AM Work on Discussion Set 11 10:15 to 10:30 AM Overview of Activity 6 10:30 to 11:30 AM Work on Activity 6	Thurs 03/14 Typed Lecture Assignment 6 due at midnight Fri 03/15 Discussion Set 9 (Questions 1 and 2) due at 9:00 AM Discussion Set 10 (Questions 1 and 2) due at 9:00 AM Discussion Set 11 (Question 3) due at 10:15 AM Activity 6 due at midnight
9	Fri 03/22 Between Subjects Designs Ch. 8	Fri 03/22 9:00 to 10:05 AM Lecture on Between Subjects Designs Ch. 8 10:05 to 10:15 AM Work on Discussion Set 12 10:15 to 10:30 AM Overview of Activity 7 10:30 to 11:30 AM Work on Activity 7	Thurs 03/21 Typed Lecture Assignment 7 due at midnight Fri 03/22 Discussion Set 11 (Questions 1 and 2) due at 9:00 AM Discussion Set 12 (Question 3) due at 10:15 AM Activity 7 due at midnight
10	Fri 03/29 Within Subjects Designs Ch. 11	Fri 03/29 9:00 to 10:05 AM Lecture on Within Subjects Designs Ch. 11 10:05 to 10:15 AM Work on Discussion Set 13	Sun 03/24 Rough Draft of Introduction due at midnight Thurs 03/28 Typed Lecture Assignment 8 due at midnight

		10:15 to 10:30 AM Overview of Activity 8 10:30 to 11:30 AM Work on Activity 8	Fri 03/29 Discussion Set 12 (Questions 1 and 2) due at 9:00 AM Discussion Set 13 (Question 3) due at 10:15 AM Activity 8 due at midnight
11	Fri 04/05 Spring Break	Fri 04/05 Spring Break	None
12	Fri 04/12 None	Fri 04/12 9:00 to 9:15 AM Overview of Activity 9 9:15 to 10:15 AM Work on Activity 9 10:15 to 10:30 AM Overview of Activity 10 10:30 to 11:30 AM Work on Activity 10	Sun 04/07 Rough Draft of Method due at midnight Thurs 04/11 Typed Lecture Assignment 9 due at midnight Fri 04/12 Activity 9 due at midnight Activity 10 due at midnight
13	Fri 04/19 Factorial Designs Ch. 10	Fri 04/19 9:00 to 10:05 AM Lecture on Factorial Designs Ch. 10 10:05 to 10:15 AM Work on Discussion Set 14 10:15 to 10:30 AM Overview of Activity 11	Thurs 04/18 Typed Lecture Assignment 10 due at midnight Fri 04/19 Discussion Set 13 (Questions 1 and 2) due at 9:00 AM

		10:30 to 11:30 AM Work on Activity 11	Discussion Set 14 (Question 3) due at 10:15 AM Activity 11 due at midnight
14	Fri 04/26 Factorial Designs Ch. 10	Fri 04/26 9:00 to 10:05 AM Lecture on Factorial Designs Ch. 10 10:05 to 10:15 AM Work on Discussion Set 15 10:15 to 10:30 AM Overview of Activity 12 10:30 to 11:30 AM Work on Activity 12	Thurs 04/25 Typed Lecture Assignment 11 due at midnight Fri 04/26 Discussion Set 14 (Questions 1 and 2) due at 9:00 AM Discussion Set 15 (Question 3) due at 10:15 AM Activity 12 due at midnight
15	Fri 05/03 Factorial Designs Ch. 10 Statistics Ch. 13 - 14	Fri 05/03 9:00 to 10:05 AM Lecture on Factorial Designs Ch. 10 10:05 to 10:15 AM Work on Discussion Set 16 10:15 to 11:20 AM Lecture on Statistics Ch. 13 - 14 11:20 to 11:30 AM Work on Discussion Set 17	Fri 05/03 Discussion Set 15 (Questions 1 and 2) due at 9:00 AM Discussion Set 16 (Question 3) due at 10:15 AM Discussion Set 17 (Question 3) due at 10:15 AM

16	Fri 05/10 Drawing Conclusions Ch. 15	Fri 05/10 9:00 to 10:15 AM Lecture on Drawing Conclusions Ch. 15 10:15 to 10:30 AM Overview of Activity 13 10:30 to 11:30 AM Work on Activity 13	Fri 05/10 Discussion Set 16 (Questions 1 and 2) due at 9:00 AM Discussion Set 17 (Questions 1 and 2) due at 9:00 AM Activity 13 due at midnight
			Thurs 05/16 Exam 2 is due at midnight Final Paper is due at midnight Project Survey is due at midnight

Psychology 120: Advanced Research Methods and Design, Section 81 (Lab), Spring Semester 2024, Course Schedule

Lab Schedule: This schedule is subject to change with fair notice.

Week	Lab Requirements	Due Dates
1	<p>Friday 01/25</p> <p>During this lab, you will complete Lab assignment #1 and Lab assignment #2.</p> <p>Lab assignment #1 is an individual assignment that will ask you to make up a possible study that you could carry out and then write an IRB application for that study. This is just an exercise. You won't actually be submitting this application to the IRB.</p> <p>Lab Assignment #2 is an individual assignment that will ask you to think of a possible topic for your project, find 3 empirical peer-reviewed journal articles on your topic, and then create an APA reference list of those 3 articles. The topic that you use for this assignment doesn't have to be your final topic. This assignment is just an exercise to help you think about what topic you might want to pursue and to give you experience with searching for articles on PsychInfo and writing an APA reference list.</p> <p>Lab Assignments 1 and 2 are both individual assignments. You can ask each other or the instructor for help. However, each student will need to complete and submit his or her own assignment.</p>	<p>Friday 01/25</p> <p>Upload Lab Assignments 1 and 2 to Canvas by midnight</p> <p>Each student will need to upload his or her own assignment.</p> <p>These assignments will lose 10% of credit for each hour that they are late (until they are worth 50% credit).</p>

<p>2</p>	<p>Friday 02/02</p> <p>During this lab, I will ask you to share possible research ideas with the class (if you have any yet). I will then ask you to get into groups, decide on your group's research topic, get the topic approved by instructor, and complete Lab Assignment #3.</p> <p>Lab Assignment #3 is a group assignment that will ask you to state your group's chosen topic, to state the names of your team members, to describe what questions about the topic your group is most interested in answering, and to describe some possible ways that your group could run a study to answer one or more of those questions. Lab #3 will also ask your group to summarize two empirical peer-reviewed journal articles on your group's topic and to describe at least one strength and at least one weakness of each reported study.</p>	<p>Friday 02/02</p> <p>Upload Lab Assignment #3 to Canvas by midnight.</p> <p>At least one person in each group will need to upload Lab Assignment #3 to Canvas by midnight.</p> <p>This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</p>
<p>3</p>	<p>Friday 02/09</p> <p>During this lab, I check in with each group of students.</p> <p>Also, each group will work on Lab Assignment # 4, which is a proposal for your group's project. This assignment will ask you to plan out the details of your group's project, including how you will divide the work between your team members.</p>	<p>Friday 02/09</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 3 meeting. Participation will be assessed through a Google Form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 3 Meeting.</p> <p>At least one person in each group will need to upload Lab Assignment</p>

		<p>#4 to Canvas by midnight.</p> <p>This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</p>
4	<p>Friday 02/16</p> <p>During this lab, I will check in with each group of students.</p> <p>Also, each group will work on Lab Assignment #5, which will ask your group to provide a rough draft of your group's study materials (e.g., questionnaires, tasks, slideshows).</p>	<p>Friday 02/16</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 4 meeting. Participation will be assessed through a Google Form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 4 Meeting.</p>

5	<p>Friday 02/23</p> <p>During this lab, I will check in with each group of students.</p> <p>Also, each group will work on Lab Assignment #5, which will ask your group to provide a rough draft of your group's study materials (e.g., questionnaires, tasks, slideshows).</p>	<p>Friday 02/23</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 5 meeting. Participation will be assessed through a Google Form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 5 Meeting.</p> <p>At least one person from each group will need to upload Lab Assignment #5 to Canvas by midnight.</p> <p>This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</p>
6	<p>Friday 03/01</p> <p>During this lab, I will check in with each group of students.</p> <p>Also, each group will complete Lab Assignment #6, which will ask each group to find 5 sources for their paper, form hypotheses for their study, and explain what information from the sources led them to the hypotheses.</p>	<p>Friday 03/01</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 6 meeting. Participation will be assessed through a Google Form survey that each group member must complete in lab.</p>

		<p>Failing to complete the survey in lab will automatically result in a score of 0 for the Week 6 Meeting.</p> <p>At least one person from each group will need to upload Lab Assignment #6 to Canvas by midnight.</p> <p>This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</p>
7	<p>Friday 03/08</p> <p>During this lab, I will check in with each group of students.</p> <p>Also, I will explain the details of the rough draft of the Introduction section.</p> <p>Each group will have time to work together on the rough draft of the Introduction section.</p>	<p>Friday 03/08</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 7 meeting. Participation will be assessed through a Google form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 7 Meeting.</p>

8	<p>Friday 03/15</p> <p>During this lab, I will check in with each group of students.</p> <p>Also, I will explain the details of the rough draft of the Method section.</p> <p>Each group will have time to work together on the rough draft of the Method section.</p>	<p>Friday 03/15</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 8 meeting. Participation will be assessed through a Google Form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 8 Meeting.</p>
9	<p>Friday 03/22</p> <p>During this lab, I will check in with each group of students.</p> <p>During lab, each group will need to show me that they have started to collect data.</p> <p>Also, each group will work on Lab Assignment #7, which will ask your group to perform a practice data entry task designed to prepare your group for entering the data you gathered for your study.</p>	<p>Friday 03/22</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 9 meeting. Participation will be assessed through a Google form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 9 Meeting.</p> <p>During lab, each group will need to show me that they have collected at least some data to receive credit for having started to collect data.</p>

<p>10</p>	<p>Friday 03/29</p> <p>During this lab, I will check in with each group of students.</p> <p>Also, each group will work on Lab Assignment #7, which will ask your group to perform a practice data entry task designed to prepare your group for entering the data you gathered for your study.</p>	<p>Friday 03/29</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 10 meeting. Participation will be assessed through a Google Form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 10 Meeting.</p> <p>At least one person from each group will need to upload Lab Assignment #7 to Canvas by midnight.</p> <p>This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</p>
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11	<p>Friday 04/05</p> <p>Spring Break</p>	None
12	<p>Friday 04/12</p> <p>During this lab, I will check in with each group of students.</p> <p>Also, each group will work on Lab Assignment #8, which will ask your group to enter your data, calculate your results, write your results section, and create an APA style table of your results.</p>	<p>Friday 04/12</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 12 meeting. Participation will be assessed through a Google Form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 12 Meeting.</p>

13	<p>Friday 04/19</p> <p>During this lab, I will check in with each group of students.</p> <p>Also, each group will work on Lab Assignment #8, which will ask your group to enter your data, calculate your results, write your results section, and create an APA style table of your results.</p>	<p>Friday 04/19</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 13 meeting. Participation will be assessed through a Google Form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 13 Meeting.</p> <p>At least one person from each group will need to upload Lab Assignment #8 to Canvas by midnight.</p> <p>This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</p>
14	<p>Friday 04/26</p> <p>During this lab, I will check in which each group of students.</p> <p>Also, I will explain the details of the Discussion Section, Appendix, and Abstract.</p> <p>Each group will have time in lab to work on these sections of the final paper.</p>	<p>Friday 04/26</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 14 meeting. Participation will be assessed through a Google form survey that each group member</p>

		<p>must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 14 Meeting.</p>
15	<p>Friday 05/03</p> <p>During this lab, I will check in with each group of students.</p> <p>Also, each group will work on Lab Assignment #9, which will ask you to create a slideshow summary of your project. This slideshow will need to include information about the purpose of your study, the methods of your study, the results of your study, the implications of your findings, the limitations of your study, and suggestions for future research.</p>	<p>Friday 05/03</p> <p>Each group member will need to adequately participate in lab to receive credit for the Week 15 meeting. Participation will be assessed through a Google Form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 15 Meeting.</p> <p>At least one person from each group will need to upload Lab Assignment #9 to Canvas by midnight.</p> <p>This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</p>
16	<p>Friday 05/10</p> <p>During this lab, I will check in with each group of students.</p>	<p>Friday 05/10</p> <p>Each group member will need to adequately</p>

	<p>Also, each group will complete Lab Assignment #10, which will ask you to have a verbal discussion about your project with the other members of your group and take notes on what your group members say during the discussion. You will be expected to screenshare your Lab #9 slideshow in your group's Breakout Room during your group's discussion.</p>	<p>participate in lab to receive credit for the Week 16 meeting. Participation will be assessed through a Google Form survey that each group member must complete in lab. Failing to complete the survey in lab will automatically result in a score of 0 for the Week 16 Meeting.</p> <p>At least one person from each group will need to upload Lab Assignment #10 to Canvas by midnight.</p> <p>This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</p>
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