San José State University
Department of Psychology
Psychology 120, Advanced Research Methods and Design,
Sections 10, 11, and 12, Spring 2021

Course and Contact Information

Instructor: Greg Savage, M.A.

Office Location: N/A

Telephone: 408-924-5648

Email: Gregory.Savage@sjsu.edu

Office Hours: Tuesday and Thursday 1:20 to 2:20 PM

Class Days/Time: Lecture: Monday and Wednesday, 3:00 to 4:15 PM
                     Lab: Monday, 4:30 to 6:30 PM
                     OR
                     Wednesday, 4:30 to 6:30 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 hybrid format with lecture videos posted under Pages on Canvas and class time devoted to completing quizzes or activities. 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

CLO 5 Understand and know the advantages and disadvantages of specific research methods

CLO 6 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

CLO 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**
ISBN number: 978-0-495-60231-6

**APA Publication Manual**

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

**Other technology requirements / equipment / material**

Students will need to have internet access.

Students will need to be able to use SPSS during lab and possibly outside of lab (unless they have made arrangements with me to use a different type of statistical software).
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.

Quizzes:
On non-activity days, students will complete a quiz during the lecture session (3:00 to 4:15 PM).

Each quiz will include multiple choice and/or short answer questions.

Each quiz will focus on a specific lecture video or a specific series of lecture videos (see course schedule).

Each quiz will have two attempts (an individual attempt and a group attempt).

During the individual attempt, each student will need to access a pdf quiz from a folder under Files and enter his/her answers in a post on a discussion board shared by a small group of students.

During the group attempt, each student will get together with the other members of his/her quiz group (in a breakout room), and each group will need to come to an agreement on every quiz answer. Once all members of the group have agreed on every quiz question, each group member will individually submit the agreed-upon answers on a website called Socrative.com

If you are unable to attend the lecture session (3:00 to 4:15 PM) on a certain quiz day, you will have two opportunities to complete a quiz outside of class (late or early) for full credit. Otherwise, all quizzes need to be completed in class.

**In-class Activities:**

On certain days during the semester, we will complete an in-class activity. Each in-class activity will be posted on Canvas ahead of time. I will be available to help students through Zoom between 3:00 and 4:15 PM on the day of the activity. Also, I can answer questions through email if you send me the email before 9 PM on the day of the activity. However, I might not be able to answer your questions as quickly or thoroughly as I would be able to in a Zoom meeting.

During each in-class activity, you will complete exercises such as participating in experiments, recording data, performing calculations, creating graphs, interpreting graphs, running card simulations, or using websites. Each in-class activity might also include multiple choice or short answer questions.

On each activity day, the activity will be due at midnight (by Canvas upload). The submission format will vary depending on the activity. Late activities will lose 10% of credit for each hour that they are late (until they are worth 50% credit).

**Project:**

Students will work in groups of 1 – 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 that the group separates 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 April 11 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 25 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. Meeting with instructor during Week 4 to discuss your group’s research topic and how your group will carry out its final project.
5. Lab Assignment 4 (Rough draft of proposal)
6. Meeting with instructor during Week 5 to discuss your group’s proposal
7. Lab Assignment 5 (Final draft of proposal)
8. Meeting with instructor during Week 6 or 7 to discuss your group’s research materials.
9. Meeting with instructor during Week 11 or 12 to discuss how to enter your group’s data into SPSS and perform statistical analysis with your group’s data.
10. Showing at least some data to instructor during your group’s meeting on Week 11 or 12
11. Meeting with instructor during Week 13 or 14 to discuss how to write your group’s results section and to receive feedback on your group’s Method Section.
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.

Quizzes:

During each quiz, you will receive full credit for each question that you answer correctly during the group session (with all group members in agreement). You will receive half credit for a question if you attempted to answer the question (during both the individual and group attempts) but you didn’t answer the question correctly during the group attempt or your group members weren’t all in agreement.

You will also receive a small amount of extra credit for each question that you answer correctly during the group attempt (with all group members in agreement).

Each quiz is worth up to 0.2 points of extra credit. Therefore, the extra credit points that each individual question is worth on a certain day can be found by dividing 0.2 by the number of questions asked on that day.

Activities:

Each in-class 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 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 260 points that you can earn during the semester.

- Typed Lecture Assignments – 11 total (44 points)
- In-class Quizzes – 16 total (32 points)
- In-class Activities- 12 total (48 points)
- Exam 1- 27 points
- Final Exam- 27 points
- Laboratory Requirements- 11 total (22 points)
- Rough Draft of Introduction – 10 points
- Rough Draft of Method – 10 points
- Project – 40 points

Late Work:
Each student can request an extension for up to 4 assignments (but not for quizzes, exams, or group submissions).

To request an extension for an assignment, you must contact me and explain how much time you need to complete the assignment.

You also must contact me no later than 2 days after the assignment’s original deadline.

The limit for an extension is 5 days.
After requesting an extension, the new deadline that we are agree upon can’t be changed. If you don’t make the new deadline, the late penalty for the assignment will apply.

If you have requested 4 extensions and have submitted the assignment by the new deadline all 4 times, you can contact me to request 3 additional extensions.

The same rules will apply when you make use of these 3 additional extensions.

Each you make use of one these extensions, you must contact me and explain how much time you need to complete the assignment.

You also must contact me no later than 2 days after the assignment’s original deadline.

Once again, the limit for an extension is 5 days.

**Grading Scale:**

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

**Classroom Protocol**

**Lecture Sessions:** Each lecture session will be a quiz day or an activity day.

If it is quiz day:

I will welcome students at the beginning of the Zoom session.

During the first 50 minutes of class (3:00 PM to 3:50 PM), students will have time to watch the video content and complete the individual quiz attempt. During this time, each student will need to use the pdf version of the quiz (posted in a folder under Files on Canvas) and post his/her answers in a single submission in his/her quiz group’s discussion board. These answers will not be graded for accuracy, and it is important to answer the questions individually at this point.

I will be available for assistance during this time. If a student has a question during this time, we can communicate through private messaging on Zoom.

During the last 20 minutes of class (3:55 to 4:15 PM), each quiz group will be assigned to a breakout room and will view each other’s quiz answers on their discussion board. Each group will need to look for questions that weren’t answered the same way by all members of the group. Each group will need to talk about these questions and attempt to agree on the answers to these questions. Once the group is in agreement on every question, each member of the group will individually complete the quiz on the Socrative website. These answers will be graded for accuracy, and to earn full credit for an answer, all group members need to have provided the same answer.
I will be available for assistance during this time. If a group is unable to agree on a question, that group can request for me to join their breakout room to discuss the question. I will also check in with each group at least once during this time.

Each group can leave the Zoom session once their quiz has been completed.

Note:
1. If all members of a group have finished the individual quiz before 3:50 PM, I can open a breakout room for that group early. I won’t be able to open the online quiz early, but I can let the group get a head start on discussing their answers.

2. If a member of a group is not finished with the individual quiz at 3:50 PM, I will need to handle the situation on a case-by-case basis.

If it is an activity day:

Students will have the entire day to complete the activity and upload it to Canvas.

Lecture attendance is optional on activity days.

On each activity day, I will be in Zoom from 3:00 to 4:15 PM for students who would like assistance with the activity. Students can drop in anytime during the Zoom session.

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

Also, each research group will be required to meet with the instructor during certain weeks to discuss the project and to receive guidance and feedback.

**Attendance:** On each quiz day, attending lecture is important in order to avoid losing points on quizzes.

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 attend a group lab meeting will result in a 0 score for that lab meeting. However, I will drop your lowest lab score from your grade.

**Arrival times:** On quiz days, please come to lecture on time whenever possible.

Please come to lab on time whenever possible.

Missing more than 5 minutes of a group lab meeting (but attending some of the meeting) will result in a score of 1 out of 2 for the lab meeting. However, I will drop your lowest lab score from your grade.
Behavior: Please be respectful of the other students in the class and myself, both in general and during Zoom meetings.

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 at http://www.sjsu.edu/gup/syllabusinfo/* Make sure to review these university policies and resources.
Psychology 120: Advanced Research Methods and Design, Section 10 (Lecture), Spring Semester 2021, Course Schedule

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

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<tr>
<th>Week</th>
<th>Topics</th>
<th>In-class Activity</th>
<th>Due Dates</th>
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<tr>
<td>1</td>
<td>Wed 01/27</td>
<td>Wed 01/27 Activity #1</td>
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<td>2</td>
<td>Mon 02/01 Introduction to Course Video #1</td>
<td>Mon 02/01 Quiz 1 (on Video #1)</td>
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<td>Wed 04/21</td>
<td>Activity #10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thurs 04/22</td>
<td>TL #10 due at midnight</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mon 04/26</td>
<td>Factorial Designs Video #12 Ch. 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wed 04/28</td>
<td>Factorial Designs Video #12 Ch. 10</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mon 04/26</td>
<td>Quiz 13 (on Video 12)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wed 04/28</td>
<td>Activity 11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sun 04/25</td>
<td>Rough draft of Method section due at midnight on Canvas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Mon 04/26</td>
<td>Quiz 13 due at 4:15 PM</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Wed 04/28</td>
<td>Activity 11 due at midnight</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Thurs 04/29</td>
<td>TL #11 due at midnight</td>
<td></td>
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<tr>
<td>Week</td>
<td>Monday</td>
<td>Tuesday</td>
<td>Wednesday</td>
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</tr>
<tr>
<td>15</td>
<td>Mon 05/03 Factorial Designs Video #12 Ch. 10</td>
<td>Mon 05/03 Quiz 14 (on Video 12)</td>
<td>Mon 05/03 Quiz 14 due at 4:15 PM</td>
</tr>
<tr>
<td></td>
<td>Wed 05/05 Statistics Video #13 Ch. 13-14</td>
<td></td>
<td>Wed 05/05 Quiz 15 due at 4:15 PM</td>
</tr>
<tr>
<td>16</td>
<td>Mon 05/10 Statistics Video #13 Ch. 13-14</td>
<td>Mon 05/10 Activity 12</td>
<td>Mon 05/10 Activity 12 due at midnight</td>
</tr>
<tr>
<td></td>
<td>Wed 05/12 Drawing Conclusions Video #14 Ch. 15</td>
<td>Wed 05/12 Quiz 16 due at 4:15 PM</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Mon 05/17 None</td>
<td>Mon 05/17 None</td>
<td></td>
</tr>
</tbody>
</table>

Please verify all web links are active prior to online publication. Revised in June, 2016
Lab Schedule: This schedule is subject to change with fair notice.

<table>
<thead>
<tr>
<th>Week</th>
<th>Lab Requirements</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mon 01/25 No lab</td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>Mon 02/01</td>
<td>Mon 02/01</td>
</tr>
</tbody>
</table>

During this lab, you will complete lab assignment #1 and lab assignment #2.

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.

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.

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.

Each student will need to upload his or her own assignment.

These assignments will lose 10% of credit for each hour that they are late (until they are worth 50% credit).
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 final research topic, get the topic approved by instructor, and complete Lab Assignment #3.

Lab Assignment #3 is a group assignment that will ask you to state your group’s final 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 do a study to answer one or more of those questions. It 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 article.

Upload Lab Assignment #3 to Canvas by midnight.

At least one person in each group will need to upload Lab Assignment #3 to Canvas by midnight.

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

During this lab, I will meet with each group to provide feedback on Lab Assignment #3 and to discuss how each group will carry out their project.

Also, each group will work on Lab Assignment #4, which is a rough draft of 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.

Each group will need to meet with me during lab to receive credit for the Week 4 meeting.

At least one person in each group will need to upload Lab Assignment #4 to Canvas by midnight.

This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).
<table>
<thead>
<tr>
<th>Week</th>
<th>Date</th>
<th>Event Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Mon 02/22</td>
<td>During this lab, I will meet with each group to provide feedback on their proposal and to help them complete Lab Assignment #5 (which is a final draft of the proposal). Each group will need to meet with me during lab to receive credit for the Week 5 meeting. At least one person from each group will need to upload Lab Assignment #5 to Canvas by midnight. This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</td>
</tr>
<tr>
<td>6</td>
<td>Mon 03/01</td>
<td>During this lab, I will meet with groups to help them create the materials for their projects, including questionnaires, slideshows, tests etc. Note: No consent forms will be needed. I will need to meet with each group during either week 6 or week 7.</td>
</tr>
</tbody>
</table>
| Mon 03/08 | During this lab, I will meet with groups to help them create the materials for their projects, including questionnaires, slideshows, tests etc. Note: No consent forms will be needed. I will need to meet with each group during either week 6 or week 7.

Mon 03/08 | Each group will need to meet with me during lab on Week 6 or Week 7 to receive credit for the Week 6 / Week 7 Meeting.

| Mon 03/15 | During this lab, I will explain the details of the rough draft of the introduction section. Also, students will have time to work together on the rough draft of the introduction section. There is no required group meeting this week.

None | No required group meeting this week.

| Mon 03/22 | During this lab, I will explain the details of the rough draft of the method section. Also, students will have time to work together on the rough draft of the method section. There is no required group meeting this week.

None | No required group meeting this week.
<table>
<thead>
<tr>
<th></th>
<th>Mon 03/29</th>
<th>None</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>Spring Break</td>
<td></td>
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</table>

<table>
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<tr>
<th></th>
<th>Mon 04/05</th>
<th>Mon 04/05</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>During this lab, I will meet with groups to help them enter data and use SPSS. Also, students can continue collecting and entering data. I will need to meet with each group during week 11 or week 12. During our meeting, I will need to see at least some data that has been collected.</td>
<td>Each group will need to meet with me during Week 11 or Week 12 to receive credit for the Week 11 / Week 12 meeting. During Week 11 or Week 12, each group will need to show me that they have collected at least some data to receive credit for having started to collect data.</td>
</tr>
<tr>
<td>Week</td>
<td>Date</td>
<td>Description</td>
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<tr>
<td>12</td>
<td>Mon 04/12</td>
<td>During this lab, I will meet with groups to help them enter data and use SPSS. Also, students can continue collecting and entering data. I will need to meet with each group during week 11 or week 12. During our meeting, I will need to see at least some data that has been collected.</td>
</tr>
<tr>
<td>13</td>
<td>Mon 04/19</td>
<td>During this lab, I will meet with groups to discuss how to write their results sections. I will need to meet with each group during either week 13 or week 14.</td>
</tr>
<tr>
<td>14</td>
<td>Mon 04/26</td>
<td>During this lab, I will meet with groups to discuss how to write their results sections. I will need to meet with each group during either week 13 or week 14.</td>
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<tr>
<td></td>
<td>Mon 05/03</td>
<td>None</td>
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<tr>
<td></td>
<td>During this lab, you can work independently on your projects. I will be available to assist people as needed.</td>
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<tr>
<td>15</td>
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<tr>
<td></td>
<td>Mon 05/10</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>During this lab, you can work independently on your projects. I will be available to assist people as needed.</td>
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<tr>
<td>16</td>
<td></td>
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<tr>
<td></td>
<td>Mon 05/17</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>No Lab</td>
<td></td>
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<tr>
<td>17</td>
<td></td>
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</tbody>
</table>
Lab Schedule: This schedule is subject to change with fair notice.

<table>
<thead>
<tr>
<th>Week</th>
<th>Lab Requirements</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Wed 01/27 No lab</td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>Wed 02/03 During this lab, you will complete lab assignment #1 and lab assignment #2.</td>
<td>Wed 02/03 Upload Lab Assignments 1 and 2 to Canvas by midnight Each student will need to upload his or her own assignment. These assignments will lose 10% of credit for each hour that they are late (until they are worth 50% credit).</td>
</tr>
</tbody>
</table>

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.

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.

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.
<table>
<thead>
<tr>
<th>Date</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wed 02/10</strong></td>
<td>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 final research topic, get the topic approved by instructor, and complete Lab Assignment #3. Lab Assignment #3 is a group assignment that will ask you to state your group’s final 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 do a study to answer one or more of those questions. It 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 article.</td>
</tr>
<tr>
<td><strong>Wed 02/10</strong></td>
<td>Upload Lab Assignment #3 to Canvas by midnight. At least one person in each group will need to upload Lab Assignment #3 to Canvas by midnight. This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</td>
</tr>
<tr>
<td><strong>Wed 02/17</strong></td>
<td>During this lab, I will meet with each group to provide feedback on Lab Assignment #3 and to discuss how each group will carry out their project. Also, each group will work on Lab Assignment #4, which is a rough draft of 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.</td>
</tr>
<tr>
<td><strong>Wed 02/17</strong></td>
<td>Each group will need to meet with me during lab to receive credit for the Week 4 meeting. At least one person in each group will need to upload Lab Assignment #4 to Canvas by midnight. This assignment will lose 10% of credit for each hour that it is late (until it is worth 50% credit).</td>
</tr>
<tr>
<td>Day</td>
<td>Date</td>
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<td>------</td>
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<tr>
<td>5</td>
<td>Wed 02/24</td>
</tr>
<tr>
<td>6</td>
<td>Wed 03/03</td>
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<tr>
<td>Date</td>
<td>Day</td>
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<tr>
<td>03/10</td>
<td>Wed</td>
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<tr>
<td>03/17</td>
<td>Wed</td>
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<td>03/24</td>
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<td>Week</td>
<td>Date</td>
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<tr>
<td>10</td>
<td>Wed 03/31</td>
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<tr>
<td>11</td>
<td>Wed 04/07</td>
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<td>Date</td>
<td>Day</td>
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<tr>
<td>Wed 04/14</td>
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<td>Wed 04/21</td>
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<td>Wed 04/28</td>
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<tr>
<td>14</td>
<td>Wed 05/05</td>
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<tr>
<td></td>
<td>During this lab, you can work independently on your projects. I will be available to assist people as needed.</td>
</tr>
<tr>
<td>15</td>
<td>Wed 05/12</td>
</tr>
<tr>
<td></td>
<td>During this lab, you can work independently on your projects. I will be available to assist people as needed.</td>
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