San José State University  
Department of Psychology  
Psychology 120, Advanced Research Methods and Design,  
Sections 20, 21, and 22, Fall 2018

Course and Contact Information

Instructor: Greg Savage, M.A.

Office Location: DMH 230

Telephone: 408-924-5648

Email: Gregory.Savage@sjsu.edu

Office Hours: Monday and Wednesday 12:15 to 1:00 PM  
Tuesday and Thursday 3:00 to 3:45 PM

Class Days/Time: Lecture: Monday and Wednesday, 1:30 to 2:45 PM  
Lab: Monday, 3:00 to 5:00 PM OR  
Wednesday, 3:00 to 5:00 PM

Classroom: Lecture: DMH 353  
Lab: DMH 339

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 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

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.

Required Texts/Readings

Textbook
ISBN number: 978-0-495-60231-6

APA Publication Manual

Other Readings
Students will also read peer-reviewed journal articles that they find online or in the library.

Other technology requirements / equipment / material
Students will need to have internet access during lecture and outside of class.

Students will need to be able to use SPSS during lab and possibly off-campus (unless they have made arrangements with me to use a different type of statistical software). An inexpensive student version of SPSS can be purchased in Clark Hall.

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 closed-notes and closed book.

I will provide a separate study guide for each topic that we cover during the semester. In other words, each time a new topic is covered, I will post a study guide for that particular topic. Also, before each exam, I will post the short essay questions on Canvas so that students can practice writing their answers.

I will try to set aside a certain amount of time during the class period before each exam for us to review as a class. This review time will need to be focused on understanding the material that we covered in class and not on asking questions about what material from the study guide will be on the exam.

Taking an exam at a different time than the rest of the class requires documentation, such as a note from a doctor. Students cannot take an exam at a different time for reasons such as going on vacation during the week of the exam. Cheating on exams will not be tolerated. Please refer to the section on Academic Dishonesty for information on the consequences of cheating.

The final exam will be on Wednesday December 12 at 12:15 PM.

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.

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 discuss the short answer questions with each other, they cannot copy other students’ answers. Each student’s answers need to be in his or her own words.

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.

In-class quizzes:

On most days, we will complete an online quiz during the first part of lecture. Each quiz will be posted on a website called Socrative.com and can be completed using a cell phone, laptop, tablet, or other device with internet access. Each student will complete the quiz at his or her own pace but will have a limited amount of time to complete the quiz.
On certain days, the online quiz might be supplemented with (or replaced by) quiz questions that students complete on paper or that I present to the class one at a time on the classroom projector.

While completing a quiz, you are welcome to have private conservations with each other as long you don’t give out an answer to the entire class. However, if you decide to have a private conversation about a quiz question, it is important that you help the other person understand the concept and not simply give away the answer to the other person. This way, both of you will learn from your conversation.

Up to 2 quizzes can be completed (or made up) outside of class during the semester without any penalty. Otherwise, all quizzes need to be completed in class.

If you are interested in completing a quiz outside of class, please speak with me to make arrangements. Please don’t sign into an online quiz unannounced if you are not in class.

Make-up quizzes must be completed before the final exam.

**In-class Activities:**

During a certain number of lecture sessions, we will complete an in-class activity. Each in-class activity will be posted on Canvas ahead of time. Each time we have an in-class activity, you will need to print the activity and bring it to class.

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.

Depending on the activity, students might work on the activity individually, in small groups, as an entire class working together, or in a combination of the above.

Even when students are completing an activity as a group, each student will need to show work on his or her own activity worksheet and submit it at the end of class (with the names of all of his/her group members) unless the instructor has stated otherwise.

On each activity day, the activity must be completed in class and is due at the end of class (2:45 PM).

Up to 2 in-class activities can be either finished or completed outside of class during the semester.

Otherwise, late activities won’t be accepted (unless I have extended an activity deadline for the entire class).

If you miss class on a certain activity day, and are interested in making up the activity, please speak with me to make arrangements. Make-up activities must be completed before the final exam.
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 all of the requirements for this project will 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.

At least one student per group will need to submit the final report by midnight on the day of the final exam (by Canvas upload). Late reports will not be accepted.

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 keep a record of the contributions that he or she makes to the group’s project and then upload the record of contributions to Canvas on the day of the final exam. 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 a record of contributions will automatically lose 20 points on the project.

4. Groups can separate only in special situations (as decided by the instructor). If a group is allowed to separate, all members of the group will be able to continue to use the drafts of the paper that the group submitted while together. Also, all members of the group will be able to continue to use the materials that the group created while together. However, students who have separated from a group will need to have permission from their separated group members if they wish to use data that they collected.

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 be asked to write a rough draft of their introduction section and upload it to Canvas by Sunday October 21 at midnight.

I will provide instructions for how to complete this section of the paper. I will also provide feedback on each group’s introduction section.

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.

Rough draft of Method Section:

Each group will be asked to write a rough draft of their method section and upload it to Canvas by Sunday November 11 at midnight.

I will provide instructions for how to complete this section of the paper. I will also provide feedback on each group’s method section.

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.

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 5 to discuss your group’s research topic and how your group will carry out its final project. I will need to meet with at least one person from your group for your group to receive credit for the meeting.

5. Lab Assignment 4 (Rough draft of proposal)
6. Meeting with instructor during Week 6 to discuss your group’s proposal. I will need to meet with at least one person from your group for your group to receive credit for the meeting.

7. Lab Assignment 5 (Final draft of proposal)

8. Meeting with instructor during Week 7 or 8 to discuss your group’s research materials. I will need to meet with at least one person from your group for your group to receive credit for the meeting.

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. I will need to meet with at least one person from your group for your group to receive credit for the meeting.

10. Showing at least some data to instructor during your group’s meeting on Week 11 or 12

11. Meeting with instructor during Week 13/14 or Week 15 to discuss how to write your group’s results section and to receive feedback on your group’s Method Section. I will need to meet with at least one person from your group for your group to receive credit for the meeting.

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. The short essay questions will be posted on Canvas ahead of time so that students can practice writing their answers. The final exam will be closed book and closed notes.

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.
**In-class Quizzes:**

During each quiz, you will receive credit for each question that you attempt to answer. Since each quiz is worth 3 points, you can calculate the number of points that each individual question is worth on a certain day by dividing 3 by the number of questions that are asked on that day.

You will also receive a small amount of extra credit for each question that you answer correctly. 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.

**In-class Activities:**

Your score on each in-class activity will be based on thoroughness, effort, and accuracy (when appropriate).

**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.

**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 240 points that you can earn during the semester.

- Typed Lecture Assignments – 11 total (33 points)
- In-class Quizzes – 15 total (45 points)
- In-class Activities- 12 total (36 points)
- Exam 1- 27 points
- Final Exam- 27 points
- Laboratory Requirements- 11 total (22 points)
- Rough Draft of Introduction – 5 points
- Rough Draft of Method – 5 points
- Project – 40 points
Grading Scale:

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

Classroom Protocol

Lecture Sessions: Lecture sessions will include lectures, quizzes, in-class activities, review sessions, and possibly videos, discussions, or demonstrations. I will often but maybe not always show PowerPoints during class. All PowerPoint slideshows that I present to the class will be uploaded to Canvas. I might also present information / examples on the board during lecture. Therefore, it is important to ask another student for notes if you miss a lecture 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: Attending lectures is important because the material being discussed will be covered on exams and will be applied while completing the course project. Further, if you miss class on a certain day, you will miss the quiz or activity on that day (and you have a limited number of make-up opportunities).

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.

Arrival times: Please come to class and lab on time whenever possible. Arriving to class late can cause you to lose points on in-class quizzes or activities. Arriving to lab late will cause you to fall behind on your lab work and is likely to be an inconvenience for your teammates. Arriving late to meetings can result in lost points (except for in emergency situations).

Behavior: Please be respectful of the other students in the class and myself. Electronic devices (such as cell phones, laptops, or tablets) can be used for answering the quiz questions but otherwise can’t be used during lecture. Please be respectful toward other students during lecture and lab sessions. Please do not have distracting conversations during lecture sessions. Please do not talk on cell phones, play games, or send unnecessary text messages during lab sessions. Also, please do not chat, send emails, or use the internet during lab sessions to the extent that it distracts you from our lab activity. Finally, during lecture or lab, please do not talk with others or use electronic devices when the instructor is communicating to the class.

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 20 (Lecture), Fall Semester 2018,
Course Schedule

Lecture Schedule: This schedule is subject to change with fair notice. I will inform students of any changes made to the schedule through a Canvas announcement.

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
<th>In-class Activity</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Wed 08/22 Introduction to our course</td>
<td>Wed 08/22 Activity #1</td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>Mon 08/27 Scientific Method Ch.1 Wed 08/29 Scientific Method Ch. 1</td>
<td>Mon 08/27 In-class Quiz Wed 08/29 Activity #2</td>
<td>Thurs 08/30 TL #1 Due at Midnight (on Canvas)</td>
</tr>
<tr>
<td>3</td>
<td>Mon 09/03 No Class Wed 09/05 Research Ethics Ch. 2</td>
<td>Mon 09/03 None Wed 09/05 In-class Quiz</td>
<td>Thurs 09/06 TL #2 Due at Midnight (on Canvas)</td>
</tr>
<tr>
<td>4</td>
<td>Mon 09/10 Qualitative Research Ch. 3 Wed 09/12 Survey Research Ch. 4</td>
<td>Mon 09/10 In-class Quiz Wed 09/12 In-class Quiz</td>
<td>Thurs 09/13 TL #3 Due at Midnight (on Canvas)</td>
</tr>
<tr>
<td>5</td>
<td>Mon 09/17 Survey Research Ch. 4 Wed 09/19 Survey Research Ch. 4</td>
<td>Mon 09/17 In-class Quiz Wed 09/19 Activity #3</td>
<td>Thurs 09/20 TL #4 Due at Midnight (on Canvas)</td>
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<tr>
<td>Week</td>
<td>Topics</td>
<td>In-class Activity</td>
<td>Due Dates</td>
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</tbody>
</table>
| 6    | Mon 09/24  
      Correlational Research  
      Ch. 5  
      Wed 09/26  
      Correlational Research  
      Ch. 5 |
|      | Mon 09/24  
      In-class Quiz  
      Wed 09/26  
      In-class Quiz |
| 7    | Mon 10/01  
      Correlational Research  
      Ch. 5  
      Wed 10/03  
      Correlational Research  
      Ch. 5 |
|      | Mon 10/01  
      Activity #4  
      Wed 10/03  
      Activity #5 |
| 8    | Mon 10/08  
      None  
      Wed 10/10  
      Quasi-Experimental  
      Research  
      Ch. 5 |
|      | Mon 10/08  
      Exam 1  
      Wed 10/10  
      None |
| 9    | Mon 10/15  
      Basics of Experimentation  
      Ch. 7  
      Wed 10/17  
      Controlling Extraneous  
      Variables  
      Ch. 8 |
|      | Mon 10/15  
      In-class Quiz  
      Wed 10/17  
      In-class Quiz |
| 10   | Mon 10/22  
      Controlling Extraneous  
      Variables  
      Ch. 8  
      Wed 10/24  
      Between Subjects Designs  
      Ch. 9 |
|      | Mon 10/22  
      Activity #6  
      Wed 10/24  
      In-class Quiz |
| 11   | Mon 10/29  
      Between Subjects Designs  
      Ch. 9  
      Wed 10/31  
      Between Subjects Designs  
      Ch. 9 |
|      | Mon 10/29  
      Activity #7  
      Wed 10/31  
      Activity #8 |

**Sun 10/21**  
*Rough Draft of Introduction is due at midnight on Canvas*  
**Thurs 11/01**  
*TL #9 Due at Midnight (on Canvas)*
<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
<th>In-class Activity</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Mon 11/05 Within Subjects Designs Ch. 11</td>
<td>Mon 11/05 In-class Quiz</td>
<td>Thurs 11/08 TL #10 Due at Midnight (on Canvas)</td>
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<td></td>
<td>Wed 11/07 Within Subjects Designs Ch. 11</td>
<td>Wed 11/07 Activity #9</td>
<td></td>
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<tr>
<td>13</td>
<td>Mon 11/12 No Class</td>
<td>Mon 11/12 None</td>
<td>Sun 11/11 Rough Draft of Method is due at midnight on Canvas</td>
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<td></td>
<td>Wed 11/14 Within Subjects Designs Ch. 11</td>
<td>Wed 11/14 Activity #10</td>
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<tr>
<td>14</td>
<td>Mon 11/19 Factorial Designs Ch. 10</td>
<td>Mon 11/19 In-class Quiz</td>
<td>Thurs 11/22 TL #11 Due at Midnight (on Canvas)</td>
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<tr>
<td></td>
<td>Wed 11/21 No Class</td>
<td>Wed 11/21 None</td>
<td></td>
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<tr>
<td>15</td>
<td>Mon 11/26 Factorial Designs Ch. 10</td>
<td>Mon 11/26 Activity #11</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Wed 11/28 Factorial Designs Ch. 10</td>
<td>Wed 11/28 In-class Quiz</td>
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<tr>
<td>16</td>
<td>Mon 12/03 Statistics Ch. 13-14</td>
<td>Mon 12/03 In-class Quiz</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Wed 12/05 Statistics Ch. 13-14</td>
<td>Wed 12/05 Activity #12</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Mon 12/10 Drawing Conclusions Ch. 15</td>
<td>Mon 05/10 In-class Quiz</td>
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<td></td>
<td>Wed 12/12</td>
<td>Final Exam is at 12:15 in DMH 353</td>
<td>Final Paper is due at Midnight on Canvas</td>
</tr>
</tbody>
</table>
Psychology 120: Advanced Research Methods and Design, Section 21 (Monday Lab), Fall Semester 2018, Course Schedule

Lab Schedule: This schedule is subject to change with fair notice. I will inform students of any changes made to the schedule through a Canvas announcement.

<table>
<thead>
<tr>
<th>Week</th>
<th>Lab Requirements</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mon 08/20 No lab</td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>Mon 08/27</td>
<td>Mon 08/27</td>
</tr>
<tr>
<td></td>
<td>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.</td>
<td>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.</td>
</tr>
<tr>
<td>3</td>
<td>Mon 09/03 No lab</td>
<td>None</td>
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<tr>
<td>Week</td>
<td>Lab Requirements</td>
<td>Due Dates</td>
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<tr>
<td>4</td>
<td>Mon 09/10</td>
<td>Mon 09/10</td>
</tr>
<tr>
<td></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>
<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.</td>
</tr>
<tr>
<td>5</td>
<td>Mon 09/17</td>
<td>Mon 09/17</td>
</tr>
<tr>
<td></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>
<td>Each group will need to meet with me during lab to receive credit for the Week 5 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.</td>
</tr>
<tr>
<td>Week</td>
<td>Lab Requirements</td>
<td>Due Dates</td>
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<tr>
<td>6</td>
<td>Mon 09/24</td>
<td>Mon 09/24</td>
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<tr>
<td></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)</td>
<td>Each group will need to meet with me during lab to receive credit for the Week 6 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</td>
</tr>
<tr>
<td>7</td>
<td>Mon 10/01</td>
<td>Mon 10/01</td>
</tr>
<tr>
<td></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 7 or week 8.</td>
<td>Each group will need to meet with me during lab on Week 7 or Week 8 to receive credit for the Week 7 / Week 8 Meeting.</td>
</tr>
<tr>
<td>8</td>
<td>Mon 10/08</td>
<td>Mon 10/08</td>
</tr>
<tr>
<td></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 7 or week 8.</td>
<td>Each group will need to meet with me during lab on Week 7 or Week 8 to receive credit for the Week 7 / Week 8 Meeting.</td>
</tr>
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<tr>
<td>9</td>
<td>Mon 10/15</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>Your group can use the lab time this week to work on the rough draft of your introduction section.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>I can schedule meetings in lab with students who are interested</td>
<td></td>
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<tr>
<td>10</td>
<td>Mon 10/22</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>During this lab, students can use the time to collect and enter data and to work on the rough draft of the Method section.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>I can schedule meetings with students who are interested.</td>
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</tr>
<tr>
<td>11</td>
<td>Mon 10/29</td>
<td>Mon 10/29</td>
</tr>
<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.</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.</td>
</tr>
<tr>
<td></td>
<td>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>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>12</td>
<td>Mon 11/05</td>
<td>Mon 11/05</td>
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<tr>
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<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.</td>
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<tr>
<td>13</td>
<td>Mon 11/12 No lab</td>
<td>None</td>
</tr>
<tr>
<td>14</td>
<td>Mon 11/19</td>
<td>Mon 11/19</td>
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<tr>
<td></td>
<td>During this lab, I will meet with groups to provide feedback on their method</td>
<td>Each group will need to meet with me during Week 14 or Week 15 to</td>
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<td></td>
<td>sections and to discuss how to write their results sections.</td>
<td>receive credit for the Week 14 / Week 15 meeting.</td>
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<td></td>
<td>I will need to meet with each group during either week 14 or week 15.</td>
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<tr>
<td>15</td>
<td>Mon 11/26</td>
<td>Mon 11/26</td>
</tr>
<tr>
<td></td>
<td>During this lab, I will meet with groups to provide feedback on their method</td>
<td>Each group will need to meet with me during Week 14 or Week 15 to</td>
</tr>
<tr>
<td></td>
<td>sections and to discuss how to write their results sections.</td>
<td>receive credit for the Week 14 / Week 15 meeting.</td>
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<tr>
<td></td>
<td>I will need to meet with each group during either week 14 or week 15.</td>
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<tr>
<td>16</td>
<td>Mon 12/03</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</td>
<td></td>
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<td></td>
<td>available to assist people as needed.</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Mon 12/10 No lab</td>
<td>None</td>
</tr>
</tbody>
</table>
Psychology 120: Advanced Research Methods and Design, Section 22 (Wednesday Lab), Fall Semester 2018, Course Schedule

Lab Schedule: This schedule is subject to change with fair notice. I will inform students of any changes made to the schedule through a Canvas announcement.

<table>
<thead>
<tr>
<th>Week</th>
<th>Lab Requirements</th>
<th>Due Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Wed 08/22 No lab</td>
<td>None</td>
</tr>
<tr>
<td>2</td>
<td>Wed 08/29</td>
<td>Wed 08/29</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.

3 Wed 09/05 No lab None
<table>
<thead>
<tr>
<th>Week</th>
<th>Lab Requirements</th>
<th>Due Dates</th>
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</thead>
<tbody>
<tr>
<td>4</td>
<td>Wed 09/12</td>
<td>Wed 09/12</td>
</tr>
<tr>
<td></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>
<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.</td>
</tr>
<tr>
<td>5</td>
<td>Wed 09/19</td>
<td>Wed 09/19</td>
</tr>
<tr>
<td></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>
<td>Each group will need to meet with me during lab to receive credit for the Week 5 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.</td>
</tr>
<tr>
<td>Week</td>
<td>Lab Requirements</td>
<td>Due Dates</td>
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<tr>
<td>6</td>
<td><strong>Wed 09/26</strong>&lt;br&gt;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)</td>
<td><strong>Wed 09/26</strong>&lt;br&gt;Each group will need to meet with me during lab to receive credit for the Week 6 meeting.&lt;br&gt;At least one person from each group will need to upload Lab Assignment #5 to Canvas by midnight.&lt;br&gt;This assignment will lose 10% of credit for each hour that it is late</td>
</tr>
<tr>
<td>Week</td>
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<tr>
<td>9</td>
<td><strong>Wed 10/17</strong>&lt;br&gt;Your group can use the lab time this week to work on the rough draft of your introduction section.&lt;br&gt;I can schedule meetings in lab with students who are interested</td>
<td>None</td>
</tr>
<tr>
<td>10</td>
<td><strong>Wed 10/24</strong>&lt;br&gt;During this lab, students can use the time to collect and enter data and to work on the rough draft of the Method section.&lt;br&gt;I can schedule meetings with students who are interested.</td>
<td>None</td>
</tr>
<tr>
<td>11</td>
<td><strong>Wed 10/31</strong>&lt;br&gt;During this lab, I will meet with groups to help them enter data and use SPSS. Also, students can continue collecting and entering data.&lt;br&gt;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><strong>Wed 10/31</strong>&lt;br&gt;Each group will need to meet with me during Week 11 or Week 12 to receive credit for the Week 11 / Week 12 meeting.&lt;br&gt;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>12</td>
<td><strong>Wed 11/07</strong>&lt;br&gt;During this lab, I will meet with groups to help them enter data and use SPSS. Also, students can continue collecting and entering data.&lt;br&gt;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><strong>Wed 11/07</strong>&lt;br&gt;Each group will need to meet with me during Week 11 or Week 12 to receive credit for the Week 11 / Week 12 meeting.&lt;br&gt;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>
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<tr>
<td>13</td>
<td>Wed 11/14</td>
<td>Wed 11/14</td>
</tr>
<tr>
<td></td>
<td>During this lab, I will meet with groups to provide feedback on their method sections and to discuss how to write their results sections. I will need to meet with each group during either week 13 or week 15.</td>
<td>Each group will need to meet with me during Week 13 or Week 15 to receive credit for the Week 13 / Week 15 meeting.</td>
</tr>
<tr>
<td>14</td>
<td>Wed 11/21 No lab</td>
<td>None</td>
</tr>
<tr>
<td>15</td>
<td>Wed 11/28</td>
<td>Wed 11/28</td>
</tr>
<tr>
<td></td>
<td>During this lab, I will meet with groups to provide feedback on their method sections and to discuss how to write their results sections. I will need to meet with each group during either week 13 or week 15.</td>
<td>Each group will need to meet with me during Week 13 or Week 15 to receive credit for the Week 13 / Week 15 meeting.</td>
</tr>
<tr>
<td>16</td>
<td>Wed 12/05</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>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Wed 12/12 No lab</td>
<td>None</td>
</tr>
</tbody>
</table>