San José State University  
Department of Psychology  
Psychology 120, Advanced Research Methods and Design,  
Sections 30, 31, and 32, Spring 2018

Course and Contact Information

Instructor  
Jill Citron, PhD

Office Location  
DMH 230

Email  
jill.citron@sjsu.edu

Office Hours  
Mondays and Wednesdays 11:30 to 12:00 PM, and by appointment

Class Days/Time:  
Lecture: Monday & 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 236

Prerequisites  
Psyc 1, Stat 95, Psyc 100W

GE/SJSU Studies  
Category  
Area Z

Important Note About Course Grade  
According to SJSU GE policy, this course must be passed with a C or better as a CSU graduation requirement.
Course Description

Descriptive, correlational, quasi-experimental, and experimental approaches: design, methodology, and analysis. Experience designing, conducting, analyzing, and presenting (verbal and written) research findings. Topics will include: hypothesis testing, validity, reliability, scales of measurement, questionnaire development, power, statistical significance, and effect size.

Prerequisite: lower division GE complete; STAT 95; PSYC 100W with 'C' or better (or department approval); Upper Division; Psychology or Behavioral Science Major

Misc/Lab: Lecture 3 hours/activity 2 hours.

Course Learning Outcomes

Course Learning Outcomes (CLOs) are specific, measurable goals and objectives that students have demonstrated upon successful completion of the course.

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. Assessment for this CLO will be participation assignments, midterm and final exams.

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. Assessment for this CLO will be participation assignments, midterm and final exams.

CLO 4. Understand why different research methods are needed for different research situations. Assessment of this CLO will be conducted with participation assignments, midterm, and final exams.

CLO 5. Understand and know the advantages and disadvantages of specific research methods. Assessment of this CLO will be conducted with participation assignments.

CLO 6. Understand and know the vocabulary associated with psychological research methods. Assessment of this CLO will be conducted with participation assignments.

CLO 7. Understand how to treat research participants ethically and why the ethical treatment of participants is important and necessary. Assessment of this CLO will be conducted with participation assignments and the midterm exam.

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. This CLO will be assessed by participation assignments, the midterm and final exams.

CLO 9. Understand why statistics are important and needed in psychological research. Assessment of this CLO will be conducted with participation assignments.
CLO 10  Understand the meaning of statistical significance. Assessment of this CLO will be conducted with participation assignments and the final exam.

CLO 11  Conduct statistical analyses and interpret the results. This CLO will be assessed by the research report.

CLO 12  Understand the limitations of the results of studies and draw appropriate conclusions from the results of research studies. This CLO will be assessed by the research report.

CLO 13  Carry out a research study from beginning to end (including writing a research report). This CLO will be assessed by the research report.
Program Learning Outcome

Program Learning Outcomes (PLOs) are specific, measurable goals and objectives that students have demonstrated upon successful completion of the program.

Upon successful completion of the psychology major requirements…:

- **PLO 1. 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.

- **PLO 2. 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.

- **PLO 3. 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.

- **PLO 4. Application of Psychology** – Students will be able to apply psychological principles to individual, interpersonal, group, and societal issues.

- **PLO 5. 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-Recommended**


**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. Exams will include multiple choice questions and short essay questions. The short essay questions will be selected from a pool of possible questions (which will be provided before the exam). Exams will be taken via Canvas and will emphasis your understanding of material and ability to apply this knowledge to novel situations. 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. A basic review guide will be posted the week before exams. Exams will assess your ability to apply the concepts and content you have learned during the semester.

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

The midterm exam will be during our regular class time and submitted via Canvas on Monday, March 5th.

The final exam will be available via Canvas on Monday, May 14th, and will be due on Sunday, May, 20th.

The final exam period will be on Tuesday, May 22nd, 12:15-2:30 PM. We will use this time for research group presentations.

Preparation Assignments: During certain weeks, I will post an assignment in Canvas based on materials covering for the following week. Each of these assignments will ask you to respond to between two-and-four short answer questions.

During each week that has a preparation assignment, the assignment will need to be available via Canvas on Monday and due Friday, at midnight. Each of these assignments will lose 10% of credit for each hour that it is late.

Note: Each preparation 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. Students’ answers to the short answer questions must also not contain information that was copied and pasted from the internet. Any information taken from outside source must be properly cited.

In-class Activities: During a certain number of lecture sessions, we will complete in-class activities. Each in-class activity will be based on a worksheet that I will pass out to the class on the day of the activity. In-class activity will have two sections. The first section will be the main part of the activity. During this part of the activity, you will complete exercises including (but not necessarily limited to) participating in experiments, recording data, performing calculations, creating graphs, interpreting graphs, running card simulations, or answering discussion questions. Depending on the activity, students will complete the main part of the activity in small groups, as an entire class working together, or both. The second section of each in-class activity will be a set of follow-up questions (multiple choice or short answer) that students can answer in small groups.

Even when students are completing an activity as a group, each student will need to show work their own activity worksheet and submit it at the end of class unless the instructor has stated otherwise.

On activity days, the worksheets are due at the end of class and will be collected in-person.
**Research Project:** Students will work in groups of 2 – 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 be provided during the semester.

Each group of students will submit a research proposal, collect and analyze their group data. Each group will need to decide how to divide the writing of the proposal, recruitment, and data collection (along with deciding how to divide all of the other responsibilities involved in completing the project). The abstract, introduction, and discussion sections of your paper will be your own individual contributions to the paper you submit.

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. You must cite all of the sources that your information comes from and also use quotations when you are directly quoting information from a source.

Each student will need to submit their own final report by Canvas upload. Late reports will not be accepted.

**Notes:**

1. It is preferred for students to work in groups of five or fewer. Managing the distribution of work with more than four researchers requires a coordinator. Every student is required to play an active role in their group research project.

2. If any student feels that a member of their group isn’t making the contributions that they agreed to make, and the group hasn’t been able to resolve the issue, that student can contact me, and request to have an individual meeting with the student and a meeting with the group as a whole.

3. If a student feels that they are unable to make the contributions that they agreed to make due to unexpected circumstances, that student can meet with me to discuss the issue. These situations will be handled on a case-by-case basis.

4. It is recommended that groups separate only when it is absolutely necessary. If a group decides to separate, the members of the group will need to work out an agreement with the instructor for how they are going to divide the work that the group has completed so far.

**Rough Draft of Introduction Section:** Each student will write their own introduction section based on individual and group work. The draft will be uploaded to Canvas by Sunday March 25th 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. Late assignments will not receive credit or feedback.

**Rough Draft Submission of Methodology and Results:** Each group will write a collaborative rough draft of their methods and results sections and upload it to Canvas by Sunday at midnight (Methodology on March 18th and Results on April 16th). Late assignments will not receive credit or feedback.

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

Each member of the group will need to upload the rough draft of the methods section to Canvas in order for each member of the group to receive credit. Late submissions will not receive feedback or credit.
Laboratory Requirements:

Each student will need to complete the following lab requirements (each requirement is worth 10 points)

1. Lab Assignment #1 (Exploring possible research topics, find 3 empirical peer-reviewed journal articles on that topic, and create an APA reference list of the 3 articles)-individual assignment

2. Lab Assignment #2 (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).

3. Lab Assignment #3 (IRB application assignment)-group activity

4. Meeting with instructor to discuss your group’s research topic and how your group will carry out its research project.

5. Lab Assignment #4 -Rough draft of proposal)

6. Lab Assignment #5 -Final draft of proposal)

7. Meeting with instructor to discuss your group’s completed research proposal. All materials being used in your project must be prepared and brought in hard copy to your Project Approval meeting.

8. Lab Assignment #6-Meeting to review how your group will enter data into SPSS and perform planned statistical analysis with your group’s data. Each student will upload a copy of their group’s spread sheet, in preparation for data entry.

9. Check-in during lab on the progress of data entry and analysis.

10. Meeting with instructor to answer questions on your assembling your final report and preparation for presentations.

Grading Information

Exams:

Exams may include multiple choice, short answer, and essay questions. The short answer questions and short essay questions will be graded based on accuracy and content.

Preparation Assignments:

The short answer questions will be posted on Canvas on six occasions during the semester. These questions are based on reading from our textbook and will serve to prepare you for future lectures. The short answer questions will be graded based on accuracy and content.

In-class Activities:
Each in-class activity is worth 2 points. Your score will be based on thoroughness, effort, and accuracy (when appropriate). If a certain activity includes follow up questions that don’t have right- or-wrong answers, your answers to those questions will be counted as correct as long as you showed effort at answering the questions.

Notes:

1. The first, second, and third in-class activities will be completed outside of class. To receive full credit, you must submit a hard-copy of certificate of completion at the start of the following class. I will not accept emailed or late certificates.

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 350 points that you can earn during the semester.

- Preparation Assignments – 6 Assignments (10 points) -60 points total
- In-class Activities- 10 Activities (2 points)-20 points total
- Exam 1- 50 points Final Exam- 50 points-100 points total
- Laboratory Requirements- 6 Laboratory Assignments (10 points)-60 points total
- Final Project – 100 points
- Group Presentation- 20 points

Grading Scale:

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<thead>
<tr>
<th>Percent</th>
<th>Grade</th>
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<tr>
<td>100 – 90</td>
<td>A</td>
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<td>89 – 80</td>
<td>B</td>
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<td>79 – 70</td>
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<td>69 – 60</td>
<td>D</td>
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<tr>
<td>59 or below</td>
<td>F</td>
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Classroom Protocol

Lecture Sessions: Lecture sessions will include feedback on previous assignments, lectures, quiz questions, in-class activities, review sessions for exams, and class discussions. Lecture will often include basic PowerPoints during class. PowerPoint slideshows that I present in 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: Be respectful of the those around you. Electronic devices (such as cell phones, laptops, or tablets) can be used for answering the quiz questions but can’t be used during lecture for purposes other than note taking. Be respectful toward other students during lecture and lab sessions. Laptops and tablets are welcome in class for note taking purposes. On occasion, we will use devices to explore resources online. If you need to use a cell phone in class, please contact me before hand.

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/”
# Psychology 120: Advanced Research Methods and Design, Section 30
## (Lecture), Spring Semester 2018, Course Schedule

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

<table>
<thead>
<tr>
<th>Week</th>
<th>Topics</th>
<th>In-class Activity</th>
<th>Due Dates</th>
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</table>
| 1    | Wed 01/24 Introduction | Wed 01/24 Activity #1 | Mon 01/29 Turn-in certificate of completion at the beginning of class.  
Info Power-Research Skills  
[http://libguides.sjsu.edu/infopower](http://libguides.sjsu.edu/infopower) |
| 2    | Mon 01/29  
Scientific Method Ch.1  
- Learn the principles of the scientific methods  
Wed 01/31  
Scientific Method Ch. 1  
- Learn the basic tools of psychological research  
- Understand how “cause and effect” is established by experimenter. | Mon 01/29 Activity #2  
Wed 01/31 In-class Activity | Wed 01/31 Turn-in certificate of completion at the beginning of class.  
Plagiarism Tutorial  
[http://libguides.sjsu.edu/plagiarism](http://libguides.sjsu.edu/plagiarism) |
| 3    | Mon 02/05  
Research Ethics Ch. 2  
- Learn the meaning of animal welfare and how it is protected  
- Become skilled at ethical considerations of research reports  
- Understand the roles of IRBs and the APA guidelines in the ethical conduct of research using human participants.  
Wed 02/07  
Qualitative Research Ch. 3  
- Learn about techniques for studying behavior that do not manipulate antecedent conditions. | Mon 02/05 Activity #3 | Wed 02/07 Turn-in certificate of completion at the beginning of class.  
Protecting Human Research Participants  
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<tr>
<th>Week</th>
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<th>In-class Activity</th>
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| 4    | Mon 02/12  
Survey Research Ch. 4  
- Learn the factors involved in designing questionnaires and devising good questions.  
- Using standardized tests.  
Wed 02/14  
Survey Research Ch. 4  
- Learn how to administer questionnaires and conduct interviews.  
- Learn the pros and cons of different sampling techniques. | Preparation Assignment #1  
Wed 02/14 Activity | Sun 02/18  Preparation Assignment #1  
Due by Midnight (Canvas) |
| 5    | Mon 02/19  
Correlational and Quasi Experimental Research Ch. 5  
- Learn more techniques that do not manipulate antecedent conditions: correlations, other correlational-based methods, and quasi-experimental designs.  
- Learn how causal models can be constructed from correlation-based designs.  
Wed 02/21  
- Understand how the results of the nonexperimental techniques may (and may not) be interpreted. | Mon 02/19  
Preparation Assignment #2 | Sun 02/25  Preparation Assignment #2  
Due by Midnight (Canvas) |
| 6    | Mon 02/26  
Formulating the Hypothesis Ch. 6  
- Learn the difference between nonexperimental and experimental hypotheses  
- Understand the components of a good experimental hypothesis  
Wed 02/28  
- Explore where hypotheses come from  
- Review how to conduct a literature search | Mon 02/26  Activity  
Wed 02/28  Activity |
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<th>Week</th>
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<tr>
<td>7</td>
<td>Mon 03/05 Midterm Exam</td>
<td>Wed 03/07 Activity</td>
<td>Wed 03/07 Midterm Exam</td>
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<td>Wed 03/07</td>
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<td>Midterm Exam Due via Canvas by midnight</td>
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<td>The Basics of Experimentation Ch. 7</td>
<td>Wed 03/07 Activity</td>
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<td>• Learn the two types of variables that are the focus of an experiment</td>
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<td>• Understand how variables are defined in an experiment</td>
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<td>Wed 03/14</td>
<td>Preparing Assignment #3</td>
<td>Sun 03/18 Preparation Assignment #3</td>
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<td>Controlling Extraneous Variables Ch. 8</td>
<td>Wed 03/12 Activity</td>
<td>Due via Canvas by midnight</td>
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<td>• Learn to control for aspects of the physical environment</td>
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<td>• Understand demand characteristics</td>
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<td>8</td>
<td>Mon 03/12</td>
<td>Preparing Assignment #3</td>
<td>Sun 03/25 Draft of Methods</td>
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<td>Basics of Experimentation Ch. 7</td>
<td>Wed 03/14 Activity</td>
<td>Due via Canvas by midnight</td>
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<td>• Understand the importance of reliability and validity</td>
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<td>• Learn about problems caused by extraneous variables and confounding</td>
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<td>Wed 03/21</td>
<td>Between Subjects Designs Ch. 9</td>
<td>Sun 03/25 Draft of Methods</td>
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<td>Controlling Extraneous Variables Ch. 8</td>
<td>Wed 03/21 Activity</td>
<td>Due via Canvas by midnight</td>
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<td>• Learn how an experimenter’s personality can influence experiments</td>
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<td>• Learn how volunteers differ from nonvolunteers</td>
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<td>• Understand how to control for special problems created by the experimental context.</td>
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<td>10</td>
<td>Mon 04/02 Between Subjects Designs Ch. 9</td>
<td>Preparation Assignment #4</td>
<td>Sun 04/08 Preparation Assignment #4</td>
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<td>Due via Canvas by midnight</td>
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<td>Wed 04/04 Between Subjects Designs Ch. 9</td>
<td>Wed 04/04</td>
<td>Sun 04/08</td>
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<td>Draft of Introduction</td>
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<td>Due via Canvas by midnight</td>
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<td>Tue 04/04 Preparation Assignment #4</td>
<td>Sun 04/08</td>
<td>Draft of Introduction</td>
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<td>Tue 04/04 Draft of Introduction</td>
<td>Sun 04/08</td>
<td>Draft of Introduction</td>
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<td>Due via Canvas by midnight</td>
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<td>Tue 04/04 Draft of Results</td>
<td>Sun 04/22</td>
<td>Draft of Results</td>
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<td>Due via Canvas by midnight</td>
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<td>11</td>
<td>Mon 04/09 Within Subjects Designs Ch. 11</td>
<td>Preparation Assignment #5</td>
<td>Sun 04/15</td>
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<td>Preparation Assignment #5</td>
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<td>Due via Canvas by midnight</td>
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<td>Wed 04/11 Within Subjects Designs Ch. 11</td>
<td>Wed 04/11</td>
<td>Sun 04/15</td>
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<td>Preparation Assignment #5</td>
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<td>Due via Canvas by midnight</td>
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<td>12</td>
<td>Mon 04/16 Within Subjects Designs Ch. 11</td>
<td>Mon 04/16</td>
<td>Sun 04/22</td>
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<td>Draft of Results</td>
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<td>Due via Canvas by midnight</td>
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<td>Wed 04/18 Factorial Designs Ch. 10</td>
<td>Wed 04/18</td>
<td>Sun 04/22</td>
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| 13   | Mon 04/23  
Factorial Designs Ch. 10  
- Learn how to diagram and label factorial experiments  
Wed 04/25  
- Understand how to interpret effects from factorial experiments | Mon 04/23  
Preparation Assignment #6 | Sun 04/29  
Preparation Assignment #6  
Due via Canvas by midnight |
| 14   | Mon 04/30  
Statistics Ch. 13 & 14  
- Understand the meaning of significance levels  
- Learn how to summarize data with descriptive statistics  
Wed 05/02  
- Visualizing your data  
- How to select the appropriate statistical test | Wed 04/30  
Activity | Wed 05/02  
Draft of Complete Paper  
Due via Canvas by midnight |
| 15   | Mon 05/07  
Drawing Conclusions Ch. 15  
- Learn to make valid conclusions based on an experiment’s internal validity  
- Understand the limits to generalizing results from a single study  
- Learn techniques for increasing external validity  
Wed 05/09 | Mon 05/07  
Activity | Wed 05/09  
Final Paper Due  
Due via Canvas by midnight |
| 16   | Mon 05/14  
Last Day of class  
- Catch up & Wrap up! | Mon 05/14  
Final Exam posted on Canvas | Sun 05/20  
Final Exam  
Due via Canvas by midnight |
| 17   | Tues 05/22 Final Exam, 12:15-2:30 | Research Group Presentations |
Psychology 120: Advanced Research Methods and Design, Sections 31/32
Spring Semester 2018,
Course Schedule

*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>
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<tbody>
<tr>
<td>1/29-2/2</td>
<td>During lab assignment #1, you will complete your first assignment, exploring research topics and building a short reference list.</td>
<td>Upload Lab Assignment #1 to Canvas by midnight.</td>
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<tr>
<td>2/5-2/9</td>
<td>During this lab, you will complete lab assignment #2.</td>
<td>Upload Lab Assignments #2 to Canvas by midnight</td>
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<td>During this lab, you will 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 #2. Lab Assignment #2 is a group assignment that will ask you to state your group’s project 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. When your group has come to agreement, you will write-up a short description of your project idea (including information on subjects, recruitment, dependent measures, etc).</td>
<td>Each student will need to upload their own assignment.</td>
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<tr>
<td>Week</td>
<td>Lab Requirements</td>
<td>Due Dates</td>
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<td>2/12-2/16</td>
<td>During this lab, I will meet with each group to provide feedback on Lab Assignment #2 and to discuss how each group will refine their project ideas.</td>
<td>Upload the rough draft of your research proposal to Canvas by midnight.</td>
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<td>Groups will work on Lab Assignment #3, which is a rough draft of a proposal for your group’s project. This assignment will prompt you to plan out the details of your group’s project, including how you will divide the work between your team members.</td>
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<td>Week</td>
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<td>Due Dates</td>
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<td>2/19-</td>
<td>Groups will continue to work on Lab Assignment # 4, which is a rough</td>
<td>Each person in your group will need to upload Lab Assignment #4 to Canvas by midnight.</td>
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<tr>
<td>2/23</td>
<td>draft of a proposal for your group’s project. This assignment will ask you</td>
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<td>to plan out the details of your group’s project, including how you will</td>
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<td>divide the work between your team members.</td>
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<td>Groups that are prepared may begin Lab Assignment #5, IRB mock</td>
<td>Each research group will provide a set of their study materials (proposal, informed consent, study materials, etc.) in hard copy.</td>
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<td>approval meeting.</td>
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<tr>
<td>2/26-3/2</td>
<td>During this lab, I will meet with each group to provide feedback on their</td>
<td>Each person from each group will need to upload Lab Assignment #5 to Canvas by midnight.</td>
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<td>proposal and to help them complete Lab Assignment #5 (mock IRB</td>
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<td>meeting).</td>
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<td>Week</td>
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<tr>
<td>3/5-3/9</td>
<td>During this lab, I will meet with groups to help them create the materials for their projects, including questionnaires, slideshows, tests etc. This class time may be used for recruitment or data collection.</td>
<td>At this point, all groups will have their complete research proposal and will begin the recruitment process.</td>
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<tr>
<td>3/12-3/16</td>
<td>During this lab, I will meet with groups to help them create/organize materials for their projects, including questionnaires, slideshows, tests etc. This class time may be used for recruitment or data collection.</td>
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<tr>
<td>3/19-3/23</td>
<td>Your group can use the lab time this week to work on the rough draft of your introduction section. This class time may be used for recruitment or data collection. I can schedule meetings in lab with students who are interested</td>
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| 4/2-4/6      | During this lab, students can use the time to collect and enter data and to work on the rough draft of the Method section.  
This class time may be used for recruitment or data collection.  
I am available during laboratory for scheduled meetings or drop-in questions. | Students must upload lab assignment #6 by midnight, 4/22.                                            |
| 4/9-4/13     | During this lab, students can use the time to collect and enter data and to work on the rough draft of the Method section.  
I am available during laboratory for scheduled meetings or drop-in questions.                 |                                                                                                      |
| 4/16-4/20    | During this lab, students can use the time to collect and enter data and to work on the rough draft of the Method section.  
During this lab you will set-up your spreadsheets in preparation for data entry-lab assignment #6  
I can schedule meetings with students who are interested.                                         |                                                                                                      |
| 4/23-4/27    | During this lab, I will meet with groups to help them enter data and use SPSS. Also, students can continue collecting and entering data.   
Each group will need to meet with me this week to check-in on data collection/database entry/analysis and visualization of data |                                                                                                      |
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<th>Week</th>
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<td>4/30-5/4</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 this week to check-in on data collection/database entry/analysis and visualization of data.</td>
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<tr>
<td>5/7-5/11</td>
<td>During this lab, I will meet with groups to answer questions about completing writing up your research reports.</td>
<td>Each group will need to meet with me this week.</td>
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<td>5/14</td>
<td>Open Lab for both sections to attend on Monday.</td>
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