Human Development
HDE120: Research Methods in Human Development
Summer Session I 2021
Lecture – Asynchronous Remote
Lab – Remote

Lecture Monday & Wednesday – Asynchronous
Lab Section A01 Tuesday & Thursday – 1210-240
Lab Section A02 Tuesday & Thursday – 310-540
Lab Section A03 Tuesday & Thursday – 910-1140

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Office Hours: TBA                Office Hours: TBA                Office Hours: TBA
Office: Online                   Office: Online                   Office: Online

Required Textbooks:


Optional Statistical Software: SPSS offers a student license that is much cheaper than their standard license. While we utilize SPSS for this course, it is available free for you on the lab computers. There is time in lab to use the program, and you are able to utilize the lab computers when the room has not been reserved. Access to the IET virtual lab is through this website: https://virtuallab.ucdavis.edu/

Purpose: The purpose of this course is to get you to think critically about research: how to read it, how to write it, and how to conduct it. To do so, we will be learning about how statistics are presented (and what they mean!), we will be learning about APA writing style, and we will be learning about how experiments are constructed so as to have the best chance of uncovering what they intend to uncover. Part of learning resides in doing; to achieve the class goals, this course emphasizes the laboratory section for written assignments, leading ultimately to conducting your own study and writing up the end results.
**Prerequisites:** Statistics (either STA13, EDU114, PSY41, or SOC46A and SOC46B). A basic knowledge of statistics (means, standard deviations, t-test, p-values, etc.) is integral to understanding the topics covered in this course.

**Enrollment Policy:** You must be able to attend the lab section for which you are enrolled. Due to grading/timing constraints, there will be limited admittance from the waitlist.

**E-mail policy:** We will do our best to respond to your e-mail within two weekdays. We do ask that you place “HDE120” in the subject of the email, so we can make sure we see it.

**Final Course Grade:** Your course grade will be based 60% on lab, 40% on lecture grades. Your grade in lab is based upon attendance/participation and assignments. Your grade in lecture is based on two exams and in-class assignments (point breakdown under the lecture section). You are advised to keep track of your lab grade based upon the papers being handed back to you. Your exam grades will be posted on Canvas.

**Academic code of conduct:** Students are expected to follow the UC Davis code of conduct, as described at the following website: [https://ossja.ucdavis.edu/code-academic-conduct](https://ossja.ucdavis.edu/code-academic-conduct)

**Lecture**

Each week, a discussion video link will be posted relating course information. Narrated PowerPoint Lecture video links will be posted on course lecture days (Mondays and Wednesdays) to be viewed on those days. There will be no lecture on the July 5th holiday, nor on exam dates (July 12th and July 28th). Links to these videos will be posted via Canvas announcements.

**Lecture and Missed Lecture Policy:** Lectures are asynchronous, but should be viewed the day that they are posted, as they may contain helpful information related to your lab the following day. It is recommended that you view all lectures, as there will be lecture day assignments that may not be made up unless there is a documented family or medical emergency.

**Lecture Grade:**
The lecture grade is based on the two exams and class assignments. Exams will be approximately 50-60 questions each, and will be cumulative. Exam 1 is worth 40% of the lecture grade, and exam 2 is worth 45% of the lecture grade. Weekly assignments posted on Canvas will make up the remaining 15%. Exam questions will come from the text, lecture, and the concepts and ideas learned in the lab section. Exams will be proctored via Canvas.
Grading Scale for Course Grade:
98-100%  A+
94-97%  A
90-93%  A-
87-89%  B+
83-86%  B
80-82%  B-
77-79%  C+
73-76%  C
70-72%  C-
67-69%  D+
63-66%  D
60-62%  D-
< 60%  F

Lecture and Reading Schedule (subject to change):

<table>
<thead>
<tr>
<th>Week</th>
<th>9th Edition</th>
<th>Editions 6-8</th>
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<tbody>
<tr>
<td>June 21st and 23rd</td>
<td>1, 15, 5</td>
<td>1, Appendix A, 5</td>
</tr>
<tr>
<td>June 28th and 30th</td>
<td>14, 6, 7</td>
<td>6, 7, 8</td>
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<tr>
<td>(July 5th Holiday) July 7th</td>
<td>10, 11</td>
<td>11, 12</td>
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<tr>
<td>(July 12th Exam) July 14th</td>
<td>3, 8</td>
<td>3, 9</td>
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<tr>
<td>July 19th and 21st</td>
<td>9, 13</td>
<td>10, 14</td>
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<tr>
<td>July 26th (exam on July 28th)</td>
<td>Epi</td>
<td>Epi</td>
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Labs

Computer Lab Access: Labs are conducted via Zoom. A portion of the lab requires remote accessing the computer lab computers to access SPSS. Visit: https://computerrooms.ucdavis.edu/hours.html for updated information on lab access, and https://virtuallab.ucdavis.edu/ to remote access the computers.

Lab Schedule: Labs are held on Tuesday and Thursdays. There is no lab on Thursday, July 6th in celebration of Independence Day. There is no lab on Tuesday, July 27th to allow time to prepare for the final paper.

Lab Policies: Attendance and participation are a mandatory element in the lab. 150/900 points are based upon attendance and participation. You should attend the lab for which you are a member. If you know that you cannot attend a lab and wish to attend the other section, you must get permission ahead of time from your own TA and the TA for whose section you wish to attend. A large portion of the lab is devoted to work on a group project, which makes switching labs more difficult for you and your group partners.
Lab Grade

Lab assignments will be described in greater detail within your lab section. Below is an overview of the assignments so you can prepare your schedule accordingly.

<table>
<thead>
<tr>
<th>Due</th>
<th>Points</th>
<th>Assignment</th>
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<tbody>
<tr>
<td>Labs 2, 3, 4, 6</td>
<td>50</td>
<td>APA Worksheets &amp; IRB ethics certification</td>
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<tr>
<td>Lab 3; June 29th</td>
<td>50</td>
<td>t-test write-up</td>
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<td>Lab 5; July 8th</td>
<td>100</td>
<td>ANOVA write-up</td>
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<tr>
<td>Lab 6; July 13th</td>
<td>100</td>
<td>Article Critique</td>
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<td>Lab 7; July 15th</td>
<td>50</td>
<td>Two Way ANOVA write-up</td>
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<tr>
<td>Lab 8; July 20th</td>
<td>100</td>
<td>Group Project Proposal</td>
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<tr>
<td>July 29th</td>
<td>300</td>
<td>Final Paper</td>
</tr>
<tr>
<td></td>
<td>150</td>
<td>Participation</td>
</tr>
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There is a late penalty for your assignments. If they have not been submitted within 10 minutes of lab start time, they accrue a 10% late penalty. Every 24 hour period, they accrue another 10% late penalty. It is highly advisable to turn your assignment in on time to avoid this penalty, as it can really add up! Due to time constraints with grading the final paper, no late papers will be accepted.