Human Development
HDE120: Research Methods in Human Development
Summer Session I 2019
Lecture – 7 Wellman
Lab – 75 Hutchinson

Lecture Monday & Wednesday – 210-440 MW
Lab Section A01 Tuesday & Thursday – 1210-240 TTh
Lab Section A02 Tuesday & Thursday – 310-540 TTh

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Office Hours: Fridays 2-4

Teaching Assistants:
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Office: 3410 Hart Hall

Maria Usacheva
Lab Section A02
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Office Hours: TTh 2-3
Office: 2420 Hart Hall

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 for 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.

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 space constraints and grading/timing constraints, there will be no 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 (curved within your section; point breakdown under the lab section). Your grade in lecture is based on two exams and in-class quizzes (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.

**Lecture**

**Missed Lecture Policy:** It is recommended that you attend all lectures, as there will be in class assignments that may not be made up unless there is a documented family or medical emergency. If you miss a lecture for any reason, it is advisable that you get notes from a classmate. Class slides will not be provided, although if you attend the lecture office hours (Friday, 2-4), you may look at a printout of the slides.

**Lecture Grade:**
The lecture grade is based on the two exams and in-class quizzes. 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. Quizzes make up the remaining 15%. Questions will come from the text, lecture, and the concepts and ideas learned in the lab section. Please bring a scantron and a number 2 pencil to exams. For quizzes, please have blank sheet of papers available. Please come to exams on time; as per UC Davis policy, students arriving after the first exam has been turned in will be turned away at the door.

**Grading Scale for Lecture 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>
</tr>
</thead>
<tbody>
<tr>
<td>June 24th and 26th</td>
<td>1, 15, 5</td>
<td>1, Appendix A, 5</td>
</tr>
<tr>
<td>July 1st and 3rd</td>
<td>14, 6, 7</td>
<td>6, 7, 8</td>
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<tr>
<td>July 8th (exam on 10th)</td>
<td>10, 11</td>
<td>11, 12</td>
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<tr>
<td>July 15th and 17th</td>
<td>3, 8</td>
<td>3, 9</td>
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<tr>
<td>July 22nd and 24th</td>
<td>9, 13</td>
<td>10, 14</td>
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<tr>
<td>July 30th (exam on Aug 1st)</td>
<td>Epi</td>
<td>Epi</td>
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Labs

Computer Lab Access: Labs are held in 75 Hutchinson. When the classroom is not reserved by another class and the lab is open, students are able to use the computers. Please see https://computerrooms.ucdavis.edu/hours.html for more information.

Lab Schedule: Labs are held on Tuesday and Thursdays. There is no lab on Thursday, July 4th in celebration of Independence Day. There is no lab on Tuesday, July 30th 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. Grades are curved within the lab section for fairness to students between lab sections.

<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; July 2nd</td>
<td>50</td>
<td>t-test write-up</td>
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<tr>
<td>Lab 4; July 9th</td>
<td>100</td>
<td>ANOVA write-up</td>
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<td>Lab 6; July 16th</td>
<td>100</td>
<td>Article Critique</td>
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<td>Lab 7; July 18th</td>
<td>50</td>
<td>Two Way ANOVA write-up</td>
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<tr>
<td>Lab 8; July 23rd</td>
<td>100</td>
<td>Group Project Proposal</td>
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<tr>
<td>August 1st</td>
<td>300</td>
<td>Final Paper</td>
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<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!