Psyc 3001 801- Honors Seminar 1  
Fall, 2004  
12 - 12:50 pm MWF  Muen E411A

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Phone: 492-4246  
Office Hours: T 2:15 - 4:45 pm or by appt.  
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Website for class: Link from http://psych-www.colorado.edu or direct at  
http://psych.colorado.edu/~dmartich/3001/3001info.htm  
(includes syllabus, handouts, outlines, misc. links, etc.)

Boston: Allyn and Bacon.

REQUIREMENTS
1. Students are expected to read the assigned chapters, turn in homework assignments on  
time, and participate in class discussions.

2. One major exam will be given, worth 150 points. A makeup exam will only be given in  
extreme cases, and will occur during finals week (exceptions are students on official  
university business or students who are observing a religious holiday, both of whom should  
arrange to take the exam early).

3. There are individual and group assignments due for this class (total = 350 points). Details  
on point values and specific assignments are below.

<table>
<thead>
<tr>
<th>Assignments and Projects:</th>
<th>Number</th>
<th>Point Value</th>
<th>Total points</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual projects:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>- Research reports</td>
<td>2</td>
<td>25</td>
<td>50</td>
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<tr>
<td>- Critiques</td>
<td>2</td>
<td>25</td>
<td>50</td>
</tr>
<tr>
<td>- Statistics assignment</td>
<td>1</td>
<td>25</td>
<td>25</td>
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<tr>
<td>- Final paper</td>
<td>1</td>
<td>100</td>
<td>100</td>
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<tr>
<td>- Exam</td>
<td>1</td>
<td>150</td>
<td>150</td>
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<td>Group projects:</td>
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<tr>
<td>- Write survey/results of survey</td>
<td>1</td>
<td>50</td>
<td>50</td>
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<tr>
<td>- Write results section</td>
<td>1</td>
<td>25</td>
<td>25</td>
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<tr>
<td>- Present final research</td>
<td>1</td>
<td>50</td>
<td>50</td>
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<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td>500</td>
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</table>
# TOPICS AND SCHEDULE:

<table>
<thead>
<tr>
<th>Week beginning:</th>
<th>Topics (chapter):</th>
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<tbody>
<tr>
<td>8/23</td>
<td>Intro, Theories, Hypotheses, research process, types of research (1)</td>
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<tr>
<td>8/30</td>
<td>Types of research (1-2)</td>
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| 9/06            | Labor Day Holiday, Mon., Sept. 6  
                          Types of research (1-2, 4); internal/external validity (me) |
| 9/13            | Research report #1 (use chapter 16) is due Monday, 9/13  
                          Sampling (me); Controlling extraneous experimental variables (5)  
                          Controlling extraneous subject variables (6, 7) |
| 9/20            | Critiques (6) -- due Wednesday, 9/22 (specific assignment given in class)  
                          Controlling extraneous subject variables (6, 7); How to write a survey (me) |
| 9/27            | How to write a survey (me); Group work – write survey  
                          Critiques (8) -- due Wednesday, 9/29 (specific assignment given in class) |
|                 | Fall break, Sep 30 - Oct 1 |
| 10/04           | Survey First draft (20 copies): due Monday, 10/04  
                          Group work – write survey; Ethics (3), Statistics Review (me) |
| 10/11           | Research report #2 due Monday 10/11 (use chapter 26)  
                          Statistics Review (me), work on stats review  
                          Surveys (final draft) due Friday, 10/15 |
| 10/18           | Intro to types of research in Department of Psychology  
                          Stats assignment due Wednesday 10/20 |
| 10/25           | Exam – Monday and Wednesday, 10/25, 10/27  
                          Group work – generate group research ideas |
| 11/01           | How to write research papers (9-10); groups collect articles, write survey for research? |
| 11/08           | Groups present proposals for research, start collecting data |
| 11/15           | Groups collect/analyze data, write group results section |
| 11/22           | Groups collect/analyze data, write group results section  
                          Thanksgiving Break: Nov. 25-26 |
| 11/29           | Groups collect/analyze data, write group results section; Groups present final research project to class |
| 12/06           | Groups present final research project to class  
                          (Last class meeting: Wed., Dec. 8 (research papers also due)) |

**FINALS**

The final exam time will be used to present research projects.  
Tuesday, Dec. 14, 10:30 am – 1 pm.
OTHER INFORMATION

Attendance is required, and you are expected to be at every class. During class, we will often
discuss homework assignments or other issues, and work on class projects. Regular attendance to
class will help prepare you to complete class assignments, and will help you to understand material
that will be on exams. Students are encouraged to ask questions both during and after class.
Students are responsible for announcements made during class time.

Students with disabilities who qualify for academic accommodations must provide a letter from
Disability Services (DS) and discuss specific needs with the professor, preferably during the first two
weeks of class. DS determines accommodations based on documented disabilities (303-492-6671,

Students are expected to adhere to the University of Colorado Student Honor Code for every
assignment and exam in this class, and are expected to follow the university classroom behavior
policy.

GRADING

A course grade will be assigned to each student according to the student's percentage of the
total course points (total possible = 500). Grades are assigned according to University standards (i.e.,
93-100 = A, 90-92 = A-, 87-89 = B+, 83-86 = B, 80-82 = B-, etc.).

ASSIGNMENTS

Research reports:
In order to expose you to different areas of psychology and to give you experience identifying
different parts of the research process, two research reports will be completed during the
semester. The reports will come from research in the second part of the textbook. The reports
are done as homework assignments (typed, double-spaced, 2-4 pages). The reports should
have the following information in them (do them in outline form using A., B., etc.):
A. What is the research question? Why are the authors doing this study?
B. What is/are the hypothesis/es?
C. Who are the participants in the study? How were they selected?
D. Identify independent variables (IV) and dependent variables (DV) in the study.
E. How was each variable (stated in part D) operationalized?
F. What type of design is being used in the study (experimental, correlational, etc.)? Explain
why it is that type of design.
G. Briefly summarize the methods.
H. What were the results? Were the hypotheses stated above supported?
I. What did the researchers conclude?
J. What were your reactions to the article? Was it a good study? Convincing? Were there any
problems you noticed? What did you like/dislike about it? What would you change?
Critiques:
For chapter 6, students will answer exercise questions on pg. 115, tell how each experiment is flawed, and one way to correct the flaw. Specific questions will be assigned during class. Critiques should be typed.

For chapter 8, students should identify the design flaw(s), and tell how you might redesign the study to correct the flaw(s). Specific questions will be assigned during class. Critiques should be typed.

Final research paper:
Each student will write a separate research paper (with their group "Results" section). The paper should be in APA format, and have 2-3 research references, an intro, methods, results, discussion, and bibliography. Research papers are due on Wed, December 8.

Survey and write-up for group survey:
Your group will write a survey to measure some individual difference. The questionnaire can be part of your group project or not. Surveys should have 8-8 questions to cover the content of the questionnaire, one additional question that should be convergent with the construct, and one additional question that should be divergent with the construct (for a total of 8-10 questions). The write-up will include how you developed the scale, reliability measures, validity measures, and explanations for how you addressed response sets (more details in class).

Common "results" section:
Each group will write a results section reporting statistics used and results for the group project.

Group presentation of final research:
Groups will present their final research with results and discussion in class. Specific dates will be assigned in class.

NOTE ABOUT LATE ASSIGNMENTS: Late assignments will be charged 5 points per day late, starting at class time.
Junior Honors First day Survey (Fall, 2004):

Name: ____________________________
Email address: ______________________
Local phone number: __________________

Have you had statistics? YES NO
If so, who was your professor? _______________

Do you know how to use Statview (statistics software)? YES NO

Which of the following is the best description of your statistical abilities?

____ I can do most undergraduate level statistical analyses*
____ I can do some undergraduate level statistical analyses*
____ I can do none or few undergraduate level statistical analyses*
*includes descriptive stats, correlations, t-tests, ANOVAs, Chi-square

Have you worked in a lab at CU or anywhere else? YES NO
If so, tell whose lab, your brief duties, and how long you have worked in that lab. If you are just starting to work in a lab, tell me that too.

_________________________________________________________________
_________________________________________________________________
_________________________________________________________________

Why are you taking Junior Honors?
_________________________________________________________________
_________________________________________________________________
_________________________________________________________________

Are you planning to do an honors thesis? YES NO NOT SURE
If so, do you have a topic in mind? _________________________________

Codename (if you want your grades posted; it may not include any part of your social security number):
_________________________________________________________________