Course Syllabus: RESEARCH EXPERIENCES & METHODS (Spring 2011)

Psych V89.0999 -- 001 (4 credits)
New York University, Department of Psychology
Class Time: Tuesday – 3:30 – 5:20 PM
Location: Meyer Hall (6 Washington Place), Room 771
Professor: Marjorie McMeniman, Ph.D., M.S.
Contact Info: mm4241@nyu.edu; Mailbox in Room 416b; (212) 998-7786
Office: 6 Washington Place, Room 408
Office Hours: After class, and by arrangement
Teaching Assistant: Lauren Kois, lek303@nyu.edu
Writing Consultant: Lorraine Doran, lorraine.doran@nyu.edu

Learning Objective: The main goal of this course is for the student to acquire an understanding of the important aspects of conducting research in psychology, and to learn what is involved in being a scientist. This includes an increased understanding of the logic, nature, and process of the research/experimental investigation (for more details, see “Course Goals”).

Author/Publisher: American Psychological Association, Wash., DC


Books on Oral Presentations:

Psychological Tests/Instruments References:
Tests in Print VII. (2006). Eds: L. L. Murphy, R. A. Spies, & B. S. Plake; Boros Center for Testing, Univ. of Nebraska Press – Bobst has V: 1st Floor, Reference

General Writing References:

References for Statistical Software (SPSS, R and SAS): see Bb

* see course reserves at Bobst (Lower Level 2)
## REM Course Schedule: Spring 2011
(subject to change/revision*)

<table>
<thead>
<tr>
<th>Date</th>
<th>Reading**</th>
<th>Homework Assignments Due***</th>
<th>Lecture/Class Exercise Topic</th>
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<tbody>
<tr>
<td>Jan 25</td>
<td>---</td>
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<td>Orientation: Review of course goals &amp; documents; Choosing sponsor, Human Subjects, etc.; Researcher attributes</td>
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<tr>
<td>Feb 1</td>
<td>B &amp; A: Ch 1 &amp; 2</td>
<td>Find a Research Sponsor &amp; learn about project</td>
<td>Communicating research – Presentations &amp; Journal article review (research report organization/ writing in APA style). Writing of Intro – Lorraine Doran, WID</td>
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<td>Feb 8</td>
<td>B &amp; A: Ch 3</td>
<td>(1a) Introduction: Draft due</td>
<td>RefWorks – Jason Phillips (class at Bobst, Mac Lab, Lower Level 1); Plagiarism</td>
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<tr>
<td>Feb 15</td>
<td>B &amp; A: Ch 4</td>
<td>(1b) Introduction: Revision due</td>
<td>Plagiarism Quiz; Presentation by TA Lauren Kois; Student presentations begin (1); Scientific method/Experimental design - Internal, external validity - Exercise on IVs &amp; DVs</td>
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<tr>
<td>Feb 22</td>
<td>B &amp; A: Ch 5</td>
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<td>Student presentation (1); Exercise on Reliability/Validity</td>
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<tr>
<td>March 1</td>
<td>B &amp; A: Ch 6 &amp; 7</td>
<td>(2) Variables / Formulation of Scientific Hypothesis</td>
<td>Student presentation (1); Article Review</td>
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<tr>
<td>March 8</td>
<td>B &amp; A: Ch 8</td>
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<td>Student presentation (2); Exercise on Between- and Within-Ss Designs</td>
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<td>March 15</td>
<td>---- SPRING BREAK ----</td>
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<td>March 22</td>
<td>B &amp; A: Ch 10, Ch. 16 (p.495-9)</td>
<td>(3) Method I - Design</td>
<td>Student presentation (1); FILM: Ethical issues in research - Human subjects - Scientific integrity</td>
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<td>March 29</td>
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<td>(4) Method II – Participants; Materials/Apparatus</td>
<td>Student presentation (1); Data analysis overview</td>
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<td>April 5</td>
<td>B &amp; A: Ch 11</td>
<td>(5) Method III – Procedure (Peer Review)</td>
<td>Student presentation (1); Exam review – Jeopardy format</td>
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<td>April 12</td>
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<td>EXAM (Chs 1 – 8, 10, 11)</td>
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<td>April 19</td>
<td>B &amp; A: Ch 13</td>
<td>(6) Statistical Analyses</td>
<td>Student presentations (2); Poster making</td>
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<tr>
<td>April 26</td>
<td>B &amp; A: Ch 16</td>
<td>[research report] Last day to turn in Hmwks</td>
<td>Student presentations (2); Writing Guidelines review; Discussion section</td>
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<tr>
<td>May 3</td>
<td>---</td>
<td>[research report]</td>
<td>In-Class Poster Session (#?); Future of research methods; Research and your career</td>
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--- FINAL RESEARCH REPORT DUE ---

--- Course Requirements/Grading: see ‘Course Details’ ---

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* Class attendance is required. But if you do miss class, please be sure to check Blackboard, where important scheduling changes will be posted.

** B & A: Bordens & Abbott

*** For details on assignments, see separate document: ‘Homework Assignments.’ Note that homework should be submitted on time. This facilitates prompt feedback that may benefit the quality of your next homework.