

PSYCHOLOGY 300 (002) - Analysis and Interpretation of Psychological Data

SPRING 2006                      MWF 10:30-11:20 am                      Robinson A 248

INSTRUCTOR:                      Dr. Patricia Wanschura  
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Office hours:                      M 2:30 – 4:30 pm; R 7:00-7:15 pm; F 2:30-4:15 pm  
Other times by appointment

LAB:                                      (203) W 12:30 - 2:20 pm                      Innovation 330  
    (204) W 2:30 - 4:20 pm                      Innovation 330

LAB TA:                                      Jordan Robbins (jrobbin1)

TEXT:                                      Gravetter, F. & Wallnau, L. (2004) Statistics for the Behavioral Sciences (6th ed )  
Belmont, CA: Wadsworth/Thomson Learning.

GOALS:                                      This course is designed to help you understand the principles and concepts underlying the use of statistics. We will cover descriptive and inferential statistics, and you will be expected to understand, apply, and interpret various statistical techniques.

TECHNOLOGY:                              We will be using the statistical package SPSS in most of the laboratory sessions. In addition, we will use Web CT primarily for extra credit quizzes and reporting of test grades. The best way to contact me is through the use of e-mail.

Students automatically receive a WebCT username and password authorization when they first register for courses at George Mason. The username and password is always the same as their Mason e-mail account username and password. If you need to activate your email account please go to <https://chimera.gmu.edu/e-mail/prod/index.html>

To use Web CT you will need to go to <http://webct41.gmu.edu>. You click on Login and it will ask for your user name and password. Then a list of courses you have on webct will appear and you click on Psy 300(002) There is also a website that explains webct – <http://www.irc.gmu.edu/Webct/default.asp> and you can get technical support at [webct@gmu.edu](mailto:webct@gmu.edu).

EXAMS:                                      There will be 4 exams and a final. Exams will consist of multiple-choice, matching, true/false, short answer and problem questions. There will also be 2 extra credit T/F on each exam. Calculators will be allowed, but all work must be shown. Emphasis will be on concepts and correct use of formulas (a formula sheet will be given) rather than numerical answers. (Math errors only merit a .5 pt deduction). Exams will focus on the chapters covered since the last test, but the final will be partially cumulative ( “choose the test” will include statistical tests covered on earlier exams). Exams will include material covered in lecture, laboratory, text and handouts.

There will be an optional replacement exam at the same time as the final, which can be used to replace a missing exam grade or a low exam grade. It will be all multiple choice and at least 25% of the questions will come from previous exams. There will be no other make-up exams, unless there are unusual circumstances. If some emergency should arise, I need to receive an e-mail or voice mail message BEFORE the scheduled exam.

You will need a GREEN scantron ( 882-ES - the one without the student ID number) and a calculator for exams.

IN-CLASS ACTIVITY:                      There will be one in-class activity worth 3 pts.

**FEEDBACK forms:** There will be 5 feedback forms in the course of the semester on which you will indicate how comfortable you are with the material and which concepts are the most and least clear. These will be worth 1 pt each. I will count 4. If you have all 5, I will count the 5<sup>th</sup> as extra credit.

**EXTRA CREDIT QUIZZES:** There will be 4 extra credit quizzes on-line through Web CT. If you get 70% of the multiple choice questions correct (i.e. 7 out of 10), you will earn 2 points extra credit for that quiz. These quizzes are open book, open notes, but NOT open person - i.e. you must do them yourself without another's assistance.

**GRADES:** Grades will be based on a total of 362 points - Exam 1- 4 (60 pts each) for a total of 240 pts. Final (45 pts). Lab (70 pts). Feedback forms (4 pts). In-class activity (3 pts). Letter grades will be A= 336.5 pts; A- = 326 pts; B+= 315 pts; B= 300.5 pts; B- = 289.5 pts; C+= 279 pts; C= 264 pts; C- = 253.5; D= 217 pts; F= below 217 pts.

**LAB:** Jordan Robbins is totally responsible for the laboratory, homework, worksheets, quizzes and lab grades, which will total approximately 19 % of your class grade.

**HONOR CODE:** All provisions of the GMU Honor Code will be followed in this class.

**DISABILITY HELP:** If you are a student with a disability and you need academic accommodations, please see me and contact the Disability Resource Center (DRC) at 703-993-2474. All academic accommodations must be arranged through that office.

#### SYLLABUS\*

M 1/23	Chap 1	M 3/27	Chap 11 & 12
W 1/25	Chap 2	W 3/29	Chap 12
F 1/27	Chap 2	F 3/31	Chap 12
M 1/30	Chap 3	M 4/3	Chap 13
W 2/1	Chap 3	<b>W 4/5</b>	<b>Review</b>
F 2/3	Chap 3		<b>EXAM 3 in lab (Ch 9-12)</b>
M 2/6	Chap 4		
W 2/8	Chap 4	F 4/7	Chap 13
F 2/10	Chap 4	M 4/10	Chap 13
M 2/13	Chap 5	W 4/12	Chap 13 & 14
<b>W 2/15</b>	<b>Review</b>	F 4/14	Chap 14
	<b>EXAM 1 in lab (Ch.1-4)</b>	M 4/17	Chap 15
		W 4/19	Chap 15
F 2/17	Chap 6, skip pp 185-90	F 4/21	Chap 15
M 2/20	Chap 6	M 4/24	Chap 16
W 2/22	Chap 6 & 7	<b>W 4/26</b>	<b>Review</b>
F 2/24	Chap 7		<b>EXAM 4 in lab (Ch 13-15)</b>
M 2/27	Chap 8	F 4/28	Chap 16
W 3/1	Chap 8	M 5/1	Chap 16 & 17
F 3/3	Chap 8	W 5/3	Chap 17
M 3/6	Chap 9	F 5/5	Review
<b>W 3/8</b>	<b>Review</b>		
	<b>EXAM 2 in lab (Ch.5-8)</b>	<b>W 5/10</b>	<b>FINAL EXAM(45 pts) (Ch. 16-17,</b>
F 3/10	Chap 9 & 10		<b>Plus cumulative choose the test)</b>
<b>MWF 3/13-17</b>	<b>SPRING BREAK</b>		<b>10:30 am-1:15 pm - In regular classroom</b>
M 3/20	Chap 10		<b>OPTIONAL replacement exam. After</b>
W 3/22	Chap 10 & 11		<b>final exam has been completed.</b>
F 3/24	Chap 11		

\*Syllabus subject to change as necessary

Last day to add 2/7; Last day to drop 2/24.  
Elective withdrawal period – 2/25-3/24.