

PSYCHOLOGY 300 (B01) - Analysis and Interpretation of Psychological Data

SUMMER B 2006 MW 4:30-7:10 pm Enterprise 175

INSTRUCTOR: Dr. Patricia Wanschura
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Office hours: MW 3:40 – 4:25 pm; MW 10:00-10:15 pm
Other times by appointment

LAB: (2B1) MW 8:00 - 9:50 pm Innovation 330
 (2B2) TR 8:00 - 9:50 pm Innovation 328

LAB TA: Alicia Stachowski (astachow@gmu.edu)

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 many 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> or go to the GMU homepage (www.gmu.edu) and look for the drop down menu for popular sites. Activate e-mail is the first one.

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(B01) 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.

EXAMS: There will be 3 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 during exam week. It will need to be taken the same day as the final, unless there are class conflicts. It can be used to replace a missing exam grade or a low exam grade. It will be all multiple choice/matching and 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.

PAPER: There will be one paper in which you will apply course concepts to real life situations. Details and due date to be announced. (15 pts)

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

FEEDBACK forms: There will be 4 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 3. If you have all 4, I will count the 4th 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.

EXTRA CREDIT: There will be an opportunity for extra credit for participation in a research study. I will need confirmation from the researcher and one paragraph from you describing the study and what you thought about it. OR you can choose to do a brief journal critique. (Paper assignment will be put on webct). You can choose to get credit for research OR the journal critique paper - NOT both. You can get 2 pts for each hour of research participation up to 2 hours (therefore a possible 4 pts) or 4 pts for the paper. Due date - no later than 7/19/06.

To sign up for an experiment, you must follow the following instructions:

- a) log on to www.experimentrix.com/gmu and click on new user link
- b) enter all the required information
 - don't include dashes in your SSN
 - use your GMU e-mail account (your password will be sent to this account). If you do not know your GMU e-mail account, log on to <http://www.gmu.edu/mlnavbar/finder/index.html> and enter your last name to find your GMU e-mail account.
- c) click on register.

Your login and password will be sent to your GMU e-mail account. You will need to log on to the site to activate your account within 3 days or else you will need to re-register. Click 'log in' to access your account. You will need to select your course by clicking on the 'Edit Your Course Selection link' (Psyc 300 B01). You can also edit your information(change your password, add an additional e-mail account, etc.).

GRADES: Grades will be based on a total of 351 points - Exam 1- 3 (65 pts each) for a total of 195 pts. Final (65 pts). Paper (15 pts). Lab (70 pts). Feedback forms (3 pts). In-class activity (3 pts). Letter grades will be A= 326.5 pts; A- = 316 pts; B+= 305.5 pts; B= 291 pts; B- = 281 pts; C+= 270.5 pts; C= 256 pts; C- = 245.5; D= 210.5 pts; F= below 210.5 pts.

LAB: Alicia Stachowski is responsible for the laboratory, homework, worksheets, quizzes and lab grades, which will total approximately 20 % of your class grade.

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

SYLLABUS*

M 6/5	Chap 1 & 2
W 6/7	Chap 2 & 3
M 6/12	Chap 4 & 5
W 6/14	Chap 6 (Omit pp 185-190) and Review EXAM 1 in LAB (MW lab) (65 pts) (Ch 1-5)
R 6/15	EXAM 1 in LAB (TR lab)
M 6/19	Chap 6 & 7
W 6/21	Chap 8
M 6/26	Chap 8 & 9
W 6/28	Chap 10 and Review EXAM 2 in LAB (MW lab) (65 pts) (Ch 6-9)
R 6/29	EXAM 2 in LAB (TR lab)
M 7/3	HOLIDAY
W 7/5	Chap 11 & 12
M 7/10	Chap 13
W 7/12	Chap 13 & Review EXAM 3 in LAB (65 pts) (Ch 10-13)
T 7/13	EXAM 3 in LAB
M 7/17	Chap 14 & 15
W 7/19	Chap 15 & 16
M 7/24	Chap 17 and review
W 7/26	FINAL EXAM (65 pts) (Ch 14-17) 4:30-7:15 pm Regular classroom

Last day to add 6/14

Last day to drop with no tuition liability – 6/14

Last day to drop –6/21

*Syllabus is subject to change as necessary

If you are a student with a disability and you need academic accommodations, please see me as soon as possible. Also contact the Disability Resource Center at 703-993-2474. All academic accommodations must be arranged through that office.