Syllabus

9:30-10:45a.m. Tues/Thrs, 207 Hutcheson
CRN 95285

Professor	J. P. Morgan
Office	412 Hutcheson Hall
Phone	231-9701
email	jpmorgan@vt.edu
Office Hours	Mon 10:45-11:45; Tues 3:15-4:00; Weds 10:45-11:45
	... and by appointment

Grader	Susan Furst
Office	503B Hutcheson Hall
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Office Hours	Friday 11:15-12:15

Text: The text for this course is a course pack, available in the VT bookstore (near Squires or at University Mall). If they are out of copies when you go there, be sure to ask them to order one for you. If you do not ask, they will not restock.

Purpose: This course is designed to introduce you to the basic ideas of experimental design and accompanying analyses. Emphasis will be on conceptual understanding and application to practical problems. Students completing the course are expected to be both knowledgeable in the basic experimental designs, and familiar with terminology and design aspects of more complex experimental designs.

Prerequisites: Any one of STAT 3006, 3616, 4106, 4706, 5605, or 5615, plus prior computing experience. We will be employing the statistical package SAS (more below), including mild programming, but previous SAS experience is not required.

Grading: Your course grade will be based upon homework assignments, quizzes, two midterm exams, and a final exam. The assignments will compose 25% of the grade, the quizzes 5%, the midterms 20% each, and the final the remaining 30%. Tentative dates for the midterms are October 8 and November 19. The final exam is scheduled for Friday, December 11, 7:45-9:45a.m. All homework assignments are due at the beginning of class on the due date. Discussion of homework with classmates is acceptable, but all solutions *must* be individually prepared. Late homework will not be accepted for any reason. One homework grade will be dropped. Assignments and grades will be available on *Blackboard*, as will examples and datasets.

Computing: SAS is the analysis package for this course. It is available at various labs about campus, or a personal lease can be purchased ($39+tax) from Student Software Distribution at the north end of Torgersen Bridge. Further information is available at

$$http://www.ita.vt.edu/studentsoftware/website/$$

(click the SAS link). Online SAS help can be found at

$$http://support.sas.com/onlinedoc/913/docMainpage.jsp$$