

9:30-10:45a.m. Tues/Thrs, 310 Hutcheson  
CRN 94664

Professor J. P. Morgan  
Office 210A Hutcheson Hall  
Phone 231-9701  
email [jpmorgan@vt.edu](mailto:jpmorgan@vt.edu)  
Office Hours Monday 10:30-11:30  
Tuesday 1:30-2:30  
Wednesday 10:30-11:30  
Thursday 1:30-2:30  
... and by appointment

Grader Jake Zielinski  
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Office Hours Wednesday 2:30-3:30  
Friday 10:00-11:00

*Text:* *Experimental Design and Analysis*, 2nd ed., by M. Lentner and T. Bishop

*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, 5606, or 5616, 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 a series of homework assignments, two midterm exams, and a final exam. The assignments will compose 30% of the grade, the midterms 20% each, and the final the remaining 30%. Tentative dates for the midterms are October 6 and November 17. The final exam is scheduled for Tuesday, December 13, 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 miscellaneous handouts.

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

[www.computing.vt.edu/software\\_and\\_hardware/student\\_software/index.html](http://www.computing.vt.edu/software_and_hardware/student_software/index.html)  
(click the SAS link).