ST512-R  
Fall 2006

Instructor: Jason A. Osborne  
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Office Hours: M 9:00 a.m. - 11:00 a.m. (subject to change)

Course Website: www4.stat.ncsu.edu/~jaosborn/st512r/

Lecture: M, W, F 8:05 a.m. - 8:55 a.m., HA 210

Labs: 
HA G100 (SICL lab), Tues 4:30 pm - 5:45 pm  
HA G100 (SICL lab), Thur 1:30 pm - 2:45 pm

TAs: TBA and TBA


Lecture notes: Online or at SirSpeedy (834-8128)

Computing: The statistical software package SAS will be used extensively. The labs are intended in part to facilitate the learning of this package. (SAS is available free of charge for NCSU students, see course website for info.)

Course Description: ST512-R is an applied course that introduces statistical methods based on linear models commonly used in designed experiments with continuous response variables. Examples include multiple linear regression, factorial designs, and split-plot experiments. It is a prerequisite for most advanced courses in statistics.

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Policies of the instructor

**Attendance:** Regular attendance is strongly encouraged. It will not be considered in the grading process.

**Graded Coursework:**

- Homework: 5 assignments, the avg. of which counts 20% of total grade
- First midterm exam, (September 20), 20% of total grade
- Second midterm exam, (October 27), 20% of total grade
- Third midterm exam, (December 1), 20% of total grade
- Final Exam, (December 13, 8:00 a.m. - 11:00 a.m) 20% of total grade
- Students achieving

  \[ \geq 90\% \text{ of the total points will receive an A- or better} \]
  \[ \geq 80\% \text{ or above will receive a B- or better} \]
  \[ \geq 70\% \text{ or above will receive a C- or better} \]

**Homework:** Working together on homework is acceptable, but assignments must be submitted individually. If SAS printouts are included in work, output and page counts must be kept to a minimum, and pertinent elements of the output must be explained clearly.

**Exams:** Notes may be written on a standard size sheet of paper, front and back, and used for exams, a single sheet for each exam. Aside from this allowance, exams are closed book. No make-up exams will be allowed. If a valid excuse for missing an exam is provided, the unmissed exams will be reweighted to account for a total of 80% of the grade.

**Academic Integrity:** Academic misconduct, such as cheating on exams, will not be tolerated. Please see the NCSU policy at http://www.ncsu.edu/policies/student_services/student_discipline/POL11.35.1.php