OLD SYLLABUS

Advanced Quantitative Methods for Mngt. I, Spring 2008

Lowder Hall 126, TTh 2:00 - 3:15 p.m.

Instructor: Dr. Howard R. Clayton
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Office hours: T,Th 10:00 - 11:00 a.m., 3:30 – 4:30 p.m., and by appointment

Student Solutions Manual for Applied Linear Statistical Models. Optional
SPSS STATISTICAL SOFTWARE, release 15.0 or later Optional

Key Links: Dr. Clayton's Home Page
MNGT 8400 Home Page

Course Overview:
The course is a study of the application of linear regression in business research and is the first in a sequence of three advanced courses in applied linear statistical models. Upon completion of the course, students will be able to 1) read and understand applications of linear regression in business research, 2) recognize when use of regression models is appropriate, 3) build correct regression models, and 4) interpret and discuss the results from applying regression models within the context of business research.

Prerequisites: STAT 7000 or equivalent, familiarity with SPSS or comparable statistical software.

Course Deliverables: Exam 1 25%
Exam 2 25%
Project 23%
Homework 27%
Grading Scale:

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<tr>
<th>Score Range</th>
<th>Grade</th>
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<tbody>
<tr>
<td>90-100</td>
<td>A</td>
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<td>80-89</td>
<td>B</td>
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<td>70-79</td>
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<td>60-69</td>
<td>D</td>
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<td>Below 60</td>
<td>F</td>
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Homework:

Students will be required to submit answers to homework exercises from the text, every two weeks but occasionally on successive weeks. A typed cover page giving the student's name, assignment number, and due date should accompany the submissions. As much as possible, answers should be typed and supporting computer output clearly labeled. Each of the nine HW assignments will be worth approximately 3% of the course grade.

Project:

Each student will perform an original multiple linear regression analysis on a dataset of his/her selection. (More details in a separate document). Proposals and procurement of datasets will be due early enough in the semester to encourage on-going application of the course material to a familiar scenario and to minimize the risk of choosing data that are inappropriate for regression analysis.

Policies:

Students are free to discuss homework assignments and projects among each other on a conceptual level. However, wholesale copying of problem solutions is prohibited. Late assignments are unacceptable unless accompanied with a valid excuse cleared by the instructor. Make-up exams will be given only to students whose absence falls under the guidelines described in the Auburn University Tiger Cub.

All violations or alleged violations of the Student Academic Honesty Code (see SGA Code of Laws in the Tiger Cub) will be reported to the Office for the Vice President for Academic Affairs.

Students with Disabilities:

Students who need special accommodations should make an appointment as soon as possible with the instructor to discuss their Accommodation Memo. It is essential for faculty members be aware of necessary accommodations at the beginning of the course. If you do not have an Accommodation Memo but need special accommodations, contact the Program for Students with Disabilities, 1244 Haley Center, 334-844-2096 (Voice T/O).