

KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
DEPARTMENT OF MATHEMATICS and STATISTICS
DHAHRAN, SAUDI ARABIA
STAT310: Linear Regression (132)

Instructor: Esam Al-Sawi

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Office Hours: UTR 8:00-8:50 and 10:00-11:30am OR by appointment

Textbook

Introduction to Linear Regression Analysis, by Montgomery, Peck and Vinning, 5th edition.

Course Objectives

Present the basics of regression analysis.

Assessment

Assessment for this course will be based on homework, attendance, two Major exams and a final exam, as following

Activity	Weight
Homework (Will be assigned later, and is due in class on the first Saturday after we finish a chapter)	20%
Midterm Exam	25%
Project	25%
Final Exam (Comprehensive)	30%

Important Notes:

- It is the student' s responsibility to observe the academic calendar for important dates.
- Only University issued excuses will be accepted and only within a week of return to class.
- Excessive Absences will earn you a DN in accordance with University rules.
- Check Blackboard regularly for announcements

Syllabus

We will covers chapters 1 through 10, **except** :

- Regression Models with Random Effect

- 7.3 Nonparametric Regression