KING FAHD UNIVERSITY OF PETROLEUM & MINERALS
DEPARTMENT OF MATHEMATICS & STATISTICS

STAT310: Linear Regression
Term 121

Instructor: Walid S. Al-Sabah
Office: 5-330   **Phone:** 4197   **Email**: walid@kfupm.edu.sa
Office Hours: Sunday 10:00 am – 12:00 noon
                   Monday 10:00 – 10:50 am

Class Meeting Times: SMW 11:00 – 11:50
Recitation/Problem Session: Tuesday 3:00 – 5:00 pm

Course Objectives: Present the basics of regression analysis

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

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

Assessment:

Activity	Weight
Homework	20%
Midterm Exam	25%
Project	25%
Final Exam (Comprehensive)	30%

Homework:
Will be assigned later, and is due <u>in class</u> on the first Saturday after we finish a chapter.

Syllabus

We will covers chapters 1 through 10, except :

5.6   Regression Models with Random Effect
7.3   Nonparametric Regression