**Outline Stat 332**

**Regression Analysis**

**Instructor:  Prof. Khalaf S. Sultan**

**Office:  2B20 Building #4,  Phone (office): 4676263**

**E-mail:**[**ksultan@ksu.edu.sa**](mailto:ksultan@ksu.edu.sa)

**Recommended Books:**

Applied Linear Regression Models, John Neter, William Wasserman, Michael Kutner**.**

نماذج إحصائية خطية تطبيقية ( الجزء الأول)

المؤلف: نيتر واخرون.ترجمة: د. انيس كنجو – د. عبد الحميد الزيد – د. الحسيني عبد البر

**Course Scope Contents:**

Simple linear regression model - Multiple linear regression - Analysis of residuals and predictions. - Stepwise regression - Some nonlinear regression models and data transformations - Student will use statistical computer packages such as SAS, SPSS, Minitab

**Assignments and Tests:**

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| Assignments and projects | Will be given during the classes | 12marks |
| Midterm test I | Tuesday 1/2/1438H (1/11/2016G)  7:00-8:30pm | 24marks |
| Midterm test II | Tuesday 14/3/1438H (13/12/2016G)  7:00-8:30pm | 24marks |
| Final Exam | As scheduled | 40 marks |

**Attendance:**

Student missing more than 25% of the total class hours won't be allowed to write the final exam.