

الإحصاء للعلوم الإدارية ( 220 )  
**QM (220) - Business Statistics**

**Semester: Fall 2022/2023**

**Instructor: Prof. Almahmeed, Mohammad**

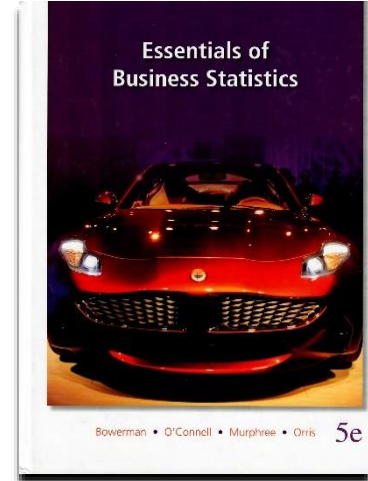
**Internet Web Page:** [www.cba.edu.kw/meed](http://www.cba.edu.kw/meed)

**Text book: Essentials of Business Statistics**

**Edition :** 5<sup>th</sup> Edition

**Authors :** Bruce L. Bowerman, Richard T. O'Connell,  
Emily S. Murphree, J. B. Orris

**Publisher:** McGraw-Hill - Irwin



**Prerequisites : QM 120 Medium of Instruction:**

**Lectures:** Arabic and English

**Note :** English

**Exams and Exercises :** English

**Lecture type : Ordinary lecturing + Computer Lab + Exercises**

**Course Content:**

<b>Chapter 6: Continuous Random Variables (Review)</b>	<b>section : 3</b>
<b>Chapter 7: Sampling and Sampling Distribution</b>	<b>sections : 1, 2, 3</b>
<b>Chapter 8: Confidence Intervals</b>	<b>sections : 1 to 4</b>
<b>Chapter 9: Hypothesis Testing</b>	<b>sections : 1 to 4 and 6 to 7</b>
<b>Chapter 10: Statistical Inference Based on Two-Samples</b>	<b>sections : 1 to 5</b>
<b>Chapter 11: Experimental Design and Analysis of Variance</b>	<b>sections : 1 and 2</b>
<b>Chapter 12: Chi-Square Tests</b>	<b>section : 2</b>
<b>Chapter 13: Simple Linear Regression Analysis</b>	<b>Sections :1 to 5 and 7</b>
<b>Chapter 14: Multiple Regression and Model Building</b>	<b>sections : 1 to 6</b>

**Office Hours: Sunday 11:00 – 12:00 and Tuesday: 11:00 – 12:00**



**Exams:**

**2 Exams (up to 40 min. each) – On Tuesdays 28/10/2022 and Tuesday 13/12/2022 + 3 Quizzes all will count for 60% of the total course grade.**

**Final Exam : (unified exam) -Monday 02/01/2023 - 2:00 pm to 4:00 pm**

**Grade Distribution:**

**60% - Exams and Quizzes**

**40% - Final Exam**

**Kuwait University Grade Scale:**

Grade	F	D	D+	C-	C	C+	B-	B	B+	A-	A
Scale	< 60	60-	65-	70-	73-	77-	80-	83-	87-	90-	95 - 100
Point	0	1	1.33	1.67	2	2.33	2.67	3	3.33	3.67	4

