



"الريادة والأبداع في الأعمال"
"Entrepreneurship and
Innovation in Business"

جامعة الزيتونة الأردنية
Al-Zaytoonah University of Jordan
كلية الأعمال
Faculty of Business



"عراقة وجودة"
"Tradition and Quality"

	Detailed Course Description - Course Plan Development and Updating Procedures/ Management Information System Department	QF05/0408-3.0E
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Faculty	Business	Department	Management Information System
Course number	0506341	Course title	Programing Package
Number of credit hours	3	Pre-requisite/co-requisite	Business statistics

This course covers some the most frequent applications of SPSS, importing data, basic data analysis, descriptive analyses & displaying statistical data graphically, principal component analysis, factor analysis, hypothesis analysis, and analysis of variance linear & multilinear regressions.

	Course goals and learning outcomes
Goal 1	The course is aimed to cover some of the most frequent applications of SPSS in business , importing data, data analysis, descriptive analyses and testing hypothesis, factor analysis, analysis of variance, linear and multilinear regressions and simple inferential tests, such as t-tests and one-way ANOVA table and tow –way a nova analysis .
Learning outcomes	1.1 ان يكون للطالب قدره على استخدام تكنولوجيا المعلومات
Goal 2	SPSS is predictive analytical software that can benefit almost any sector of business that relies on effective, informed decision-making.
Learning outcomes	2.1 ان يكون للطالب القدرة على تطبيق المعارف والمهارات في مختلف وظائف نظم المعلومات الادارية
Goal 3	SPSS is regarded to be the most widely used statistical software in social sciences, and it has become a common tool also in other sciences (economics, biology etc.).
Learning outcomes	3.1 ان يكون للطالب قدره على تطبيق مهارات التفكير الناقد وحل المشاكل باستخدام تقنيات التحليل الكمي والنوعي .
Textbook	Paul R. Kinnear, and Gary Colin D.(1999) , SPSS For Windows Made Simple, British Library, Cataloguing-in- Publication Data.
Supplementary references	2- GREEN, S.B., and N.J. SALKIND, (2003), Using SPSS for Windows and Macintosh: Analyzing and Understanding Data, Prentice Hall, U.S.A. 3- بخيت، حسين علي و غالب عوض الرفاعي (2007)، تحليل ونمذجة البيانات باستخدام الحاسوب: تطبيق شامل للحزمة SPSS ، الأهلية للنشر والتوزيع، عمان، الأردن



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Course timeline				
Week	Number of hours	Course topics	Pages (textbook)	Notes
01	1 1 1	introduction For SPSS application	ص: 28-12 Kinnear-Colin	
02	1 1 1	Entering and Editing Data: - Sort Cases. - Transpose. - Aggregate. - Select File. - Weight Cases.	ص: 70 -38 Kinnear-Colin	
03	1 1 1	Listing and Exploring : - Compute. - IF. - Count. - Recode. - Rank Cases. - Create Time Series. - Replace Missing Values.	ص: 117 -78 Kinnear-Colin	
04	1 1 1	Describing Data: - Frequencies. - Charts. - Descriptive analysis.	ص: 99-83 Kinnear-Colin	
05	1 1 1	Exploring Data:	ص: 112-94 Kinnear-Colin	
06	1 1 1	.Parametric Methods: T-Test: -One sample T-Test. -Independent Samples T-Test. -Paired samples T-Test.	ص: 149 -134 Kinnear-Colin	
07	1 1 1	Non parametric Methods: -Chi-Square Test. -Two Independent Samples. -K-Related Samples Test.	ص: 168 -163 ص: 188-187 Kinnear-Colin	
08	1 1 1	Analysis of Variance (ANOVA): -The One- Way ANOVA. - The Two- Way ANOVA	ص: 183 -178 Kinnear-Colin ص 236-232	
09	1 1 1	Correlation Analysis: -Pearson Correlation. -Spearman Correlation. - Partial Correlation.	ص 272 -:267 Kinnear-Colin	
10	1 1 1	Regression Analysis: -Simple Regression Model. -Multiple-Regression Model.	ص: 293 -292 Kinnear-Colin	



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11	1 1 1	Factor Analysis Discriminant analysis	ص: 360 -358 Kinnear-Colin	
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Theoretical course evaluation methods and weight	Participation = 10% First exam 20% Second exam 20% Final exam 50%	Practical (clinical) course evaluation methods	Semester students' work = 50% (Reports, research, quizzes, etc.) Final exam = 50%
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Approved by head of department		Date of approval	
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Extra information (to be updated every semester by corresponding faculty member)

Name of teacher	Saad .G.yaseen	Office Number	491
Phone number (extension)		Email	_____@zug.edu.jo
Office hours	11 - 12.30 2.30 - 4		