The University of Jordan

Accreditation & Quality Assurance Center

COMPUTER APPLICATION IN BUISNESS

COURSE Syllabus

1	Course title	**Computer application in business**
2	Course number	**5201212**
3	**Credit hours (theory, practical)**	**3 hours**
	Contact hours (theory, practical)	**3 hours**
4	Prerequisites/corequisites	**5401131**
5	Program title	**Business**
6	Program code	
7	Awarding institution	**The University of Jordan**
8	Faculty	Faculty of management and finance
9	Department	**Business**
10	Level of course	
11	Year of study and semester (s)	**First semester 2017/2018**
12	Final Qualification	**Bachelor**
13	Other department (s) involved in teaching the course	**None**
14	Language of Instruction	**English**
15	Date of production/revision	

16. Course Coordinator:

Mahmoud Barakat Alnawaiseh
Office number : (324) ,
Office Hours : Sun,Tues 12-11 , Mon, Wed 2 -3 , Tues 9-10
E-mail : m.alnawaiseh@ju.edu.jo
Phone : 0232090450 - (35067)

17. Other instructors:

Office numbers, office hours, phone numbers, and email addresses should be listed.

18. Course Description:

This course is an introduction to some programming, and basic analyses in statistical packages. The course will focus on using spss for analysis and graphics. This course is intended to precede other applied statistics courses so that students enter these courses with a reliable common background in statistical.

1. 19. Course aims and outcomes:

2.

Aims:

- General Objectives : Understand the concepts underlying the programming of statistical package.
- Special Objectives : Understand the special concepts and application of statistical package .

a. Descriptive statistics b. Frequencies; c. T-test;
d. ANOVA; e. Chi-Square; f. Correlation;
g. Regression, and more.

20. Topic Outline and Schedule:

1. What is Statistics? Exploring Data with Graphs **(3 weeks)**
3. Measures of Center and Spread; Exploring the Relationship Between Two Variables
4. Achieved ILOs : Be able to Understand basic concepts of statistics
5.
6. Evaluation Methods : workout
7.
Textbook : Introduction for probability and statistics ,11th ,Mendenhall 2011.

2. Learning about Regression; Cautions on Regression ,Understanding Probabilities **(4 weeks)**
8. Achieved ILOs : Be able to Understand basic concepts of Regression
9.
10. Evaluation Methods : Quiz
11.
Textbook : Introduction for probability and statistics ,11th ,Mendenhall 2011

3. Learning about Probability Distributions **(3 weeks)**
Sampling Distribution of the Sample Proportion
12. Achieved ILOs : Be able to Understand basic concepts of Probability Distributions
13.
14. Evaluation Methods : Home work
15.
Textbook : Introduction for probability and statistics ,11th ,Mendenhall 2011

4. Sampling Distribution of the Sample Mean; More about Sampling Distributions **(one week)**
16. Achieved ILOs : Be able to Understand basic concepts of Sampling Distribution
17.
18. Evaluation Methods : home work
19.
Textbook : Introduction for probability and statistics ,11th ,Mendenhall 2011

5. Confidence Interval for the Population Proportion; Confidence Interval for the Population Mean **(2 weeks)**
20. Achieved ILOs : Be able to Understand basic concepts of Confidence Interval
21.
22. Evaluation Methods : quiz
23.
Textbook : Introduction for probability and statistics ,11th ,Mendenhall 2011

6. **Comparing Two Independent Proportions; Comparing Two Independent Means** **(2 weeks)**
24. Achieved ILOs : Be able to Understand basic concepts of
25.
26. Evaluation Methods : Home work
27.
Textbook : Introduction for probability and statistics ,11th ,Mendenhall 2011

7. Significance Test about the Population Mean; Additional Topics about Significance Test **(1 weeks)**
28. Achieved ILOs : Be able to Understand basic concepts of
29.
30. Evaluation Methods : quiz
31.
Textbook : Introduction for probability and statistics ,11th ,Mendenhall 2011

32.

21. Teaching Methods and Assignments:

Home works, Quizzes , participations and assignments

22. Evaluation Methods and Course Requirements:

Home works, Quizzes .

Exam	Date	Weight
Class Activities (Quizzes, H.W, and assignment)	During the semester	30%
Mid- Exam		30%
Final Exam	To be assigned by the registrar office	40%

23. Course Policies:

Absence from lectures shall not exceed 15%. Students who exceed the 15% limit without a medical or emergency excuse acceptable to and approved by the Dean of the relevant faculty shall not be allowed to take the final examination and shall receive a mark of zero for the course. If the excuse is approved by the Dean, the student shall be considered to have withdrawn from the course.

24. Required equipment:

None

25. References:

Textbook

Introduction for probability and statistics ,11th ,Mendenhall 2011.

26. Additional information:

None

Name of Course Coordinator: **Mahmoud alnawaiseh** -Signature: ---------- Date: **17.9.2018**

Head of curriculum committee/Department: ---------- Signature: ----------

Head of Department: ---------- Signature: ----------

Head of curriculum committee/Faculty: ---------- Signature: ----------

Dean: ---------- -Signature: ----------

Copy to:
Head of Department
Assistant Dean for Quality Assurance
Course File