

Course E-Syllabus

1	Course title	Applied statistics
2	Course number	1601702
3	Credit hours	3
	Contact hours (theory, practical)	3
4	Prerequisites/corequisites	-
5	Program title	Master of Business administration
6	Program code	
7	Awarding institution	University of Jordan
8	School	School of Business
9	Department	Business administration
10	Level of course	Postgraduate/ Master course
11	Year of study and semester (s)	2020-2021 / 1 st semester
12	Final Qualification	Masters of business administration
13	Other department (s) involved in teaching the course	
14	Language of Instruction	English
15	Teaching methodology	<input type="checkbox"/> Blended <input checked="" type="checkbox"/> Online
16	Electronic platform(s)	<input checked="" type="checkbox"/> Moodle <input checked="" type="checkbox"/> Microsoft Teams <input type="checkbox"/> Skype <input type="checkbox"/> Zoom <input type="checkbox"/> Others.....
17	Date of production/revision	October 2020

18 Course Coordinator:

Name: Prof. Mohammed Amen
Office number:
Phone number:
Email:

19 Other instructors:

Name:
Office number:
Phone number:
Email:

Name:
Office number:
Phone number:
Email:

20 Course Description:

As stated in the approved study plan.

21 Course aims and outcomes:

A- Aims:

B- Intended Learning Outcomes (ILOs):

Upon successful completion of this course, students will be able to:

22. Topic Outline and Schedule:

Week	Lecture	Topic	Teaching Methods*/platform	Evaluation Methods**	References
1	1.1	CH.1 Overview of statistics	e-learning, Microsoft teams	Exam, homework	
	1.2	CH.1 Overview of statistics	e-learning, Microsoft teams	Exam, homework	
	1.3	CH.1 Overview of statistics	e-learning, Microsoft teams	Exam, homework	
2	2.1	CH.2 The normal distribution	e-learning, Microsoft teams	Exam, homework	
	2.2	CH.2 The normal distribution	e-learning, Microsoft teams	Exam, homework	
	2.3	CH.2 The normal distribution	e-learning, Microsoft teams	Exam, homework	
3	3.1	CH.3 Confidence interval and sample size	e-learning, Microsoft teams	Exam, homework	
	3.2	CH.3 Confidence interval and sample size	e-learning, Microsoft teams	Exam, homework	
	3.3	CH.3 Confidence interval and sample size	e-learning, Microsoft teams	Exam, homework	
4	4.1	CH.4 Hypothesis testing	e-learning, Microsoft teams	Exam, homework	
	4.2	CH.4 Hypothesis testing	e-learning, Microsoft teams	Exam, homework	
	4.3	CH.4 Hypothesis testing	e-learning, Microsoft teams	Exam, homework	
5	5.1	CH.4 Hypothesis testing	e-learning, Microsoft teams	Exam, homework	
	5.2	CH.4 Hypothesis testing	e-learning, Microsoft teams	Exam, homework	
	5.3	CH.4 Hypothesis testing	e-learning, Microsoft teams	Exam, homework	
6	6.1	CH.5 Correlation and regression	e-learning, Microsoft teams	Exam, homework	
	6.2	CH.5 Correlation and regression	e-learning, Microsoft teams	Exam, homework	
	6.3	CH.5 Correlation and regression	e-learning, Microsoft teams	Exam, homework	
7	7.1	CH.5 Correlation and regression	e-learning, Microsoft teams	Exam, homework	
	7.2	CH.6 Chi-Square test	e-learning, Microsoft teams	Exam, homework	
	7.3	CH.6 Chi-Square test	e-learning, Microsoft teams	Exam, homework	
8	8.1	CH.6 Chi-Square test	e-learning, Microsoft teams	Exam, homework	

	8.2	CH.6 Chi-Square test	e-learning, Microsoft teams	Exam, homework	
	8.3	CH.6 Chi-Square test	e-learning, Microsoft teams	Exam, homework	
9	9.1	CH. 7 Analysis of variance	e-learning, Microsoft teams	Exam, homework	
	9.2	CH. 7 Analysis of variance	e-learning, Microsoft teams	Exam, homework	
	9.3	CH. 7 Analysis of variance	e-learning, Microsoft teams	Exam, homework	
10	10.1	CH. 7 Analysis of variance	e-learning, Microsoft teams	Exam, homework	
	10.2	CH. 7 Analysis of variance	e-learning, Microsoft teams	Exam, homework	
	10.3	CH. 7 Analysis of variance	e-learning, Microsoft teams	Exam, homework	
11	11.1	CH.8 Non parametric statistics	e-learning, Microsoft teams	Exam, homework	
	11.2	CH.8 Non parametric statistics	e-learning, Microsoft teams	Exam, homework	
	11.3	CH.8 Non parametric statistics	e-learning, Microsoft teams	Exam, homework	
12	12.1	CH.9 Overview of Multivariate	e-learning, Microsoft teams	Exam, homework	
	12.2	CH.9 Overview of Multivariate	e-learning, Microsoft teams	Exam, homework	
	12.3	CH.9 Overview of Multivariate	e-learning, Microsoft teams	Exam, homework	
13	13.1	CH. 10 Time series	e-learning, Microsoft teams	Exam, homework	
	13.2	CH. 10 Time series	e-learning, Microsoft teams	Exam, homework	
	13.3	CH. 10 Time series	e-learning, Microsoft teams	Exam, homework	
14	14.1	CH.11 Factor analysis	e-learning, Microsoft teams	Exam, homework	
	14.2	CH.11 Factor analysis	e-learning, Microsoft teams	Exam, homework	
	14.3	CH.11 Factor analysis	e-learning, Microsoft teams	Exam, homework	
15	15.1	CH. 12 MANOVA	e-learning, Microsoft teams	Exam, homework	
	15.2	CH. 12 MANOVA	e-learning, Microsoft teams	Exam, homework	
	15.3	CH. 12 MANOVA	e-learning, Microsoft teams	Exam, homework	

- Teaching methods include: Synchronous lecturing/meeting; Asynchronous lecturing/meeting
- Evaluation methods include: Homework, Quiz, Exam, pre-lab quiz...etc

23 Evaluation Methods:

Opportunities to demonstrate achievement of the ILOs are provided through the following assessment methods and requirements:

Evaluation Activity	Mark	Topic(s)	Period (Week)	Platform
Midterm exam	30	TBC		TBC
Second exam	20	TBC		TBC
Homework	10	TBC		TBC
Final exam	40	All chapters		TBC

24 Course Requirements (e.g: students should have a computer, internet connection, webcam, account on a specific software/platform...etc):

25 Course Policies:

A- Attendance policies:

B- Absences from exams and submitting assignments on time:

C- Health and safety procedures:

D- Honesty policy regarding cheating, plagiarism, misbehavior:

E- Grading policy:

F- Available university services that support achievement in the course:

26 References:

A- Required book(s), assigned reading and audio-visuals:

B- Recommended books, materials and media:

27 Additional information:

Name of Course Coordinator: - Prof. Mohammed Amen---Signature: ----- Date: Oct 2020

Head of Curriculum Committee/Department: ----- Signature: -----

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

Head of Curriculum Committee/Faculty: ----- Signature: -----

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