

Planning and Quality Assurance Affairs

Form (A)

Course Specifications

General Information

Course name	Applied Statistics
Course number	ESTA2304
Faculty	
Department	
Course type	Major Needs
Course level	2
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

Course Objectives

1 - The main objectives of this course is to teach the students the basic topics applied statistics, to be able to do the statistical analysis for research projects.

Intended Learning Outcomes

Knowledge and Understanding	* At the end of this course, students will develop their knowledge and understanding of the uses of applied statistics methods of sampling distributions, and different distributions in their major field of study.
Intellectual Skills	* students should be able to apply the basic methods of applied statistics learned to analyze financial and business issues.
Professional Skills	* By learning the methods of applied statistics, students will develop proficiency in using them, that will help them in developing their research analysis skills.
General Skill	* At the end of this course, students will develop their general knowledge.

Course Contents

1 - At the end of this course, students should be able to understand and apply the following methods in applied statistics: - Estimation from sample data - Hypothesis tests involving a sample mean or proportion - Hypothesis tests involving two sample means or proportions - Analysis of variance tests.

Teaching and Learning Methods

1 - Traditional methods are used in teaching this course, in addition to the application of the most recent technology for the best results.
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Teaching and Learning Methods for the Disabled Students

1 - Teaching methods are accessible for all students.

Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
Assignments	3 per semester	30
Midterm Exam	Week 8	30
Final Exam	Week 15-16	40

Books and References

Essential books	Introduction to Business Statistics, 6th edition, Ronald M. Weiers
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