

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Principles Of Statistics
Course number	STAT1301
Faculty	
Department	
Course type	Major Needs
Course level	1
Credit hours (theoretical)	3
Credit hours (practical)	0
Course Prerequisites	

#### Course Objectives

- 1 - Learning principals of statistics by definition
- 2 - Kinds of statistics
- 3 - The meaning of probability
- 4 - Learning about discrete and continuous distributions

#### Intended Learning Outcomes

Knowledge and Understanding	* Learning kinds of statistics
	* Knowing descriptive statistics by graphical methods and numerical methods
Intellectual Skills	* Learning the meaning of probability
	* Learning about random variables and kinds of distributions
Professional Skills	* Learning about discrete and continuous distributions
General Skill	* Learning about measures of association between 2 variables
	* Learning about the weighted mean and working with group data

#### Course Contents

- 1 - Data and statistics
- 2 - Descriptive statistics
- 3 - Numerical and graphical methods
- 4 - Introduction to probability
- 5 - Discrete probability distribution
- 6 - Continuous probability distributions

#### Teaching and Learning Methods

- 1 - Lectures
- 2 - Solving different examples and problems
- 3 - Giving some homework

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## Teaching and Learning Methods for the Disabled Students

1 - Is not applied
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### Students Assessment

<u>Assessment Method</u>	<u>TIME</u>	<u>MARKS</u>
First midterm	middle of the semester	30
attendance and discussion	during the semester	5
Homework	during the semester	5
Final	at the end of the semester	60

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### Books and References

Course note	Explanation on the board
Essential books	Anderon,Sweeny , Williams ,Statistics for Business and Economics ,Seventh Edition