Faculty of Computers & Information Technology

Probability and statistics

Information :

Course Code :	MST 103	**Level**	: Undergraduate	**Course Hours :**	3.00- Hours

Department :	Faculty of Computers & Information Technology

Instructor Information :

Title	Name	Office hours
Associate Professor	Khaled Ahmed Mohamed Elshafey	5
Teaching Assistant	Amany Hussein Hassan Mohamed Abou elnaga	6

Description :

This course provides an introduction on Statistics. Topics of interest include the statistical analysis on statistical data, statistical measurements. Elementary probability, probability theorems, conditional probability, independent and dependent events, total probability rule and Baye's Theorem. Discrete probability distribution, probability mass function, continuous probability distribution and probability density function. Mathematical expectation: mean and variance. Special discrete distribution: Bernoulli, Binomial. Geometric and Poisson distributions. Special continuous distribution: Uniform, negative exponential and normal distribution.

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