

**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
Professor	Salah Mohamed Ramadan Abdelmageid	4
Associate Professor	Mohamed Ismail Mohamed Hamdy	
Teaching Assistant	Gehad Assem Elsayed Aly	
Teaching Assistant	Abdultwab Mohamed Abdultwab Alhussin	

**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.

**Books :**

Book	Author	Publisher
Introduction to Probability and Statics	J. Susan Milton	McGraw Hill