

Date:	Examination No.:	Version: 2022-2023	Start: 1/9/2022
Module Name - Code	Statistics Models and Methods		
Module Language:	English		
Responsible:	Dr Gullanar M Hadi		
Lecture (s):	Dr Gullanar M Hadi		
College:	College of Engineering – Salahaddin University		
Duration:	15 week – 1 semester		
Course outcomes:	On successful completion of the module students should be able to demonstrate a hands on Statistics Models and Methods topics		
Course Content:	<ol style="list-style-type: none"> 1- Introduction to Statistic 2- Data Organization Categorical Frequency Distribution 3- Grouped frequency distributions 4- Ungrouped frequency distributions 5- Frequency Polygons 6- Ogive 7- Pareto charts 8- The Pie Graph 9- Data Description 10- Mean, Median, Variance & Standard Deviation 		
Literature:	Reference Book for this Course: Statistics and Probability for Engineering Applications by W.J. DeCoursey		
Type of Teaching:	4 hrs in lectures (2Theoretical and 2practical)		
Pre-requisites:	Math II &Math III		
Frequency:	Annually in Spring Semester		
Requirements for credit points:	<p>For the award of credit points it is necessary to pass the module. Not attending final exams will result in failure in the subject Student's attendance is required in all classes. Absence in more than 15% of the classes results in an automatic withdrawal from the subject.</p>		
Credit point:	5		
Grade Distribution:	<p>The Grade is generated from the examination result(s) with the following</p> <p>50% Final Theoretical and practical Exam 20% Individual assignments 30% midterm Theoretical and practical exam</p>		
Work load:	<ul style="list-style-type: none"> • 46 HoursTheory • 60 Home Study • 4 Hours Exams • 20 Hours Assignments • 20 Exam Preparation • 150 Hours Tota 		