Date:	Examination No.:	Version:2022-2023	Start: 1/9/2022
Module Name - Code	Mathematics I - 0107		
Module Language:	English		
Responsible:	Ms. Khatoon Y. Ibrahim		
Lecture (s):	Ms. Khatoon Y. Ibrahim		
College:	College of Engineering – Salahaddin University		
Duration:	15 week – 1st semester		
Course outcomes:	At the end of the semester, students would be able to recognize and solve different types of functions (polynomials, trigonometric, hyperbolic, and transcendental) algebraically and graphically. Find the domain and range of functions. Find the inverse of different functions.		
Course Content:	Rapid review of pre – university mathematics, functions and their graphs, domain and range of functions, inverse of different functions.		
Literature:	• Calculus, International Edition, By Thomas', 2005. • Thomas' Calculus 12th edition, Thomas, Weir and Hass, Pearson.		
Type of Teaching:	3 hrs. in lectures. 1 hr. in tutorial.		
Pre-requisites:	No need any pre-requisites.		
Frequency:	Yearly in fall semester		
Requirements for credit points:	For the award of credit points it is necessary to pass the module exam. The module exam contains: - Homework and quizzes, mid-term exam and final exam. -- **Student should pass 50% of continuous exams to attend the final exam.** **-Student's attendance is required in all classes. Students with more than 15% absence can't attend the final exam.**		
Credit point:	5		
Grade Distribution:	The Grade is generated from the examination result(s) with the following weights (w): 60% final exam Homework, quizzes and other activities 20% Mid-Term exam: 20%		
Work load:	The workload is 135hrs. It is the result of 60hrs attendance and 75hrs self-studies.		