Date:	Examination No.:	Version:2022-2023	Start: 1/2/2023
Module Name - Code	Mathematics II - 0108		
Module Language:	English		
Responsible:	Ms. Khatoon Yaseen		
Lecture (s):	Ms. Khatoon Yaseen		
College:	College of Engineering – Salahaddin University		
Duration:	15 week – 2 nd semester		
Course outcomes:	tcomes: At the end of the semester, students would be able to find the derivative of different kinds of functions. How to use derivatives to solve various kinds of problems in engineering subjects. Solve the antiderivative of different types of functions. Demonstrate proficiency in evaluating integrals using various techniques of integration. Use techniques of integration to solve application problems in lengths area		
	evaluating integrals using various techniques of integration. Use techniques of integration to solve application problems in lengths, areas and volumes		
Course Content:	Derivative. Integration: indefinite & definite integrals and techniques of integration with their applications. Area between two curves ar		
	volume of revolution. Distance and length of a curve.		
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 Spring semester		
Requirements for	For the award of credit points it is necessary to pass the module exam.		
credit points:	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 i	n all classes . Students with more than 10% a	bsence can't attend the final exam.
Credit point:	5		
Grade Distribution:	The Grade is generated from the examination result(s) with the following		
	Weignis (W): 00% final exam Homowork, auizzos and other activities 20%		
	Mid-Term evam: 20%		
Work load:	The workload is 135hrs. It is the result of 60hrs attendance and 75hrs self-studies		
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