Date:	Examination No.: ------	Version:	Start: 1/9/2021
Module Name - Code	Engineering analysis - 0106		
Module Language:	English		
Responsible:	Dlven Kareem Mawlud		
Lecture (s):	Dlven Kareem Mawlud		
College:	College of Engineering – Salahaddin University		
Duration:	15 week – 1 semester		
Course outcomes:	After learning the course the students should be able to give the foundation of engineering analysis and its application to engineering problems.		
Course Content:	Matrices properties, Laplace transformation, inverse Laplace transformation, interpolation (many types), Fourier series, Fourier integrals.		
Literature:	- Advanced engineering mathematics. By Erwin Kreyszing. - Advanced engineering mathematics. By C.Ray Wylie.		
Type of Teaching:	3 hrs lectures 1 hr Tutorial		
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: Oral/Written (written if 6 students or more) [Oral minimum 30 min / Written 120 min] **Student's attendance is required in all classes**.		
Credit point:	5		
Grade Distribution:	The Grade is generated from the examination result(s) with the following weights (w): Theoretical Part "w": 100% Effort: 40 % [20% midterm exam + 20% quizzes and assignments] Final:60%		
Work load:	The workload is 120h. It is the result of 60h attendance and 60h self studies.		