Date:	Examination No.: 15367	Version:1/9/2019	Start: 1/9/2019
Module Name - Code	Design of Reinforced Concrete Structures - 1135		
Module Language:	English		
Responsible:	Prof. Dr. Omar Qarani Aziz		
Lecture (s):	Prof. Dr. Omar Qarani Aziz & Lecturer Dr. Muhammad Ismaiel Omer		
College:	College of Engineering – Salahaddin University		
Duration:	15 weeks – 1 semester		
Course outcomes:	Emphasis is placed on understanding structural behaviour and the background to the design methods in ACI code. By the end of this module, students will have a good understanding of the design and behaviour of reinforced concrete buildings.		
Course Content:	Two-way slabs, DDM, EFM, YLT, Shear wall		
Literature:	1-Building code requirements for structural concrete-ACI 318M-19 and Commentary', by American Concrete Institute ACI 318, 2019. 2-Design of concrete structures by Nilson, Darwin, and Dolan, 14th edition, 2010, SI version McGraw-Hill Companies. 3-Structural Concrete Theory and Design by M. Nadim Hassoun and Akthem Al-Manaseer, 7th edition, 2020, Wiley.		
Type of Teaching:	2 hrs of lectures (Theory) in class 2 hrs of lectures (Tutorial) in the class		
Pre-requisites:	Reinforced Concrete		
Frequency:	Yearly in the fall semester		
Requirements for credit points:	For the award of credit points, the following requirements are necessary: Coursework: 20% includes (Classroom activities +quizzes + Homework). Coursework: 20% Mid-term exam. Final exam: 60% Final exam **Student attendance is also required in all classes**.		
Credit point:	5		
Grade Distribution:	he Grade is distributed as follows: Theoretical part course work: 40% [1 written exam + classroom activities + quiz + Homework] Final exam: 60% [written exam}		
Work load:	The workload is 150h. It is the result of 60h attendance and 90h self-studies.		