

Date	Examination No.	Version:30-1-2023	Start : 12-2-2023
Module Name Code	Concrete Construction Engineering-1162		
Module language	English		
Responsible	Asst. Prof. Dr. Dillshad Khidhir Hamad		
Lecturer	Asst. Prof. Dr. Dillshad Khidhir Hamad		
College	Engineering		
Duration	15 weeks-Spring semester		
Course Outcome	The course provide student to Learn the basics about concrete mixtures and get an overview of concrete construction procedures. The knowledge how to do the concrete in both hot weather and cold weather environment. The student will learn types of joints in concrete construction to avoid the cracks . The student will learn how to pour the concrete in the forms and to avoid the mistakes during concrete formwork		
Course content	Concrete mix design -Concrete manufacturing Process, Hot weather and Cold weather concreting , Concrete formwork, type of Joints in concrete, concrete defects and durability		
Literature	<ul style="list-style-type: none"> • Concrete construction Engineering -Hand Book • Design and control of concrete mixtures 		
Type of teaching	3 hrs theory 1 hr tutorial		
Pre-requisites	No		
Frequency	Elective in the second semester		
Requirements for credit points	40 % course work [Exam + Quiz + Report+ Assignment] 60 % Final Exam Students' attendance is required		
Credit Points	5		
Grade distribution	The grade is generated from the following course work Course work -40% [1 midterm exam (20%) + 2 quiz(10%) + report (5%)+Assignment(5%)] Final Exam -60%		
Work load	The work load is 130 hrs., it is the result of 60 hrs. attendance and 70 hrs. self-study		