## **Course Description Form**

1. Course Name:Concrete technology2. Course Code:WCV-22-02				
2. Course Code:				
WCV-22-02				
3. Semester / Year:				
Semester				
4. Description Prepar	ation Date:			
2024/03/20				
5. Available Attendance	e Forms:			
Lectures are in person at				
	ours (Total) / Number of Ur			
	Total) 4 / Number of Units	, <i>,</i>		
	tor's name (mention all, if			
	sem Al-Araji, Asst. Lect. Ab	dulrasool Th. A	Abdulrasool	
Email: abdulrasool	th@uowa.edu.iq			
8. Course Objectives				
Course Objectives • Introduc	cing students to the basic materials	for making concre	te.	
Introducing students to the mechanism of conducting tests for materials u		r materials used in		
the manufacture of concrete.				
<ul> <li>Introducing students to concrete mix design methods.</li> </ul>				
Introducing students to methods for examining freshly mixed concrete and h			oncrete and harde	
concrete.				
9. Teaching and Learning Strategies				
<b>Strategy</b> Education is by giving lectures, including scientific discussions as				
	t of the lecture, and ther	-		
students to study, after which the scheduled tests and examinatic				
are conducte	d.			
10. Course Structure				
Week Hours Required Lo	earning Unit or subject	Learning	Evaluation	
Outcomes	name	method	method	
15 4 At the end of t the learner w		E Lectures are in person at the	(1st exam, 2nd exam, 3th exam	
to do the follo	wing: • Workability of concrete and		= 25), (Quizzes,	
1. A historical o cement mater	ials.		Homework = 5%), (Lab	
2. Raw materia the cement in	Is used III Concerned hoteling	,	reports = 10%), (Activities	
	Stationary and ready mixed	l	(Seminar) =	

	shrinkag	Types of Creep Concrete admixture
11. Course Evalua	lluation	
(1st exam, 2nd exam,	m, 3th exam = 25), (Quizz	s, Homework = 5%), (Lab reports = 10%)
(Activities (Seminar) =		
	T = J/01, $T$ mat chain = $J05$	1
[ACUALLES [Semillar] -		

Required textbooks (curricular books, if any)	CONCRETE (5TH EDITION)"	
Main references (sources)	NEVILLE, A. M. 2005 "PROPERTIES OF CONCRETE (5TH EDITION)"	
Recommended books and references (scientific journals, reports)	Mehta, P. K. & Monteiro, P. J. M. 2006. Concrete: Microstructure, properties and materials, McGraw-Hill.	
Electronic References, Websites	American Concrete Institute (ACI)	

