Course Description Form

2. (Course (Code: MATH461			
3. S	Semeste	er / Year: second/fo	ourth		
4. E	Descript	tion Preparation Da	ate:2024/3/1	3	
5. A	Availabl	e Attendance Forms	:		
6. N	Number	of Credit Hours (To	otal) / Number	of Units (Total):60	hours/4
7. C N E	<mark>Course</mark> Name: D Email: a	administrator's na)r. Ahlam J. Khaleel hlam.jamial@nahra	<mark>me (mention</mark> ainuniv.edu.io	all, if more than c	one name)
8. 0	Course (Objectives			
Course (Dbjective	5	1-Er and prin 2-Er skil and	hable students to understanding so ciples of Fields. npowering and rais ls to obtain knowle understanding of th	obtain knowledge me of the basic ing the students dge e Algebra
9. T	eaching	g and Learning Strat	tegies		
Strategy		 Introductory wr which are given Answering the of of solving them Adopting the pr 	itten lectures a in the classro quick question by the studen inciple of prep	and various activitie om. s raised in the hall t. paring reports by stu	es and assignments and the possibility udents.
10 Co	urse St	ructure			
10. 00					

		Outcomes	subject		method
			name		
1	4	Definition of the Fields, some examples of Fields	Field Theory	Attendance interactive lectures	Ask questions and give assignments
2	4	Some Properties and Theorems of Fields	Field Theory	Attendance interactive lectures	Ask questions and give assignments
3	4	Some Properties and Theorems of Fields	Field Theory	Attendance interactive lectures	Ask questions and give assignments
4	4	Subfields and Prime Fields	Field Theory	Attendance interactive lectures	Ask questions and give assignments
5	4	Maximal Ideals with Some Examples	Certain Special Ideal	Attendance interactive lectures s	Ask questions, give assignments, and make a 1 st attence mid exam
6		Some Properties of	Certain	Attendance	Ask questions and
-	4	Maximal Ideals	Special Ideal	s interactive lectures	give assignments
7	4	Some Theorems of Maximal Ideals	Special Ideal	Allendance interactive lectures	Ask questions and give assignments
8	4	Prime Ideals	Certain Special Ideal	Attendance	Ask questions and
9	4	Some examples and Theorems of Prime Ideals	Certain Special Ideal	Attendance interactive lectures	Ask questions and give assignments
10	4	Some Theorems of Prime Ideals	Certain Special Ideal	Attendance s interactive lectures	Ask questions and give assignments
11	4	The Radical of A ring, Semisimple Ring	Certain Special Idea	Attendance interactive lectures	Ask questions and give assignments
12	4	Some Theorems of Radical	Certain Special Ideal	Attendance interac lectures s	Ask questions, give assignments, and make a 2 nd attence mid exam
13	4	Definition of Polynomial ring With some Examples	Polynomial Ring	Attendance interactive lectures	Ask questions and give assignments
14	4	Some Theorems of Polynomial Ring	Polynomial Ring	Attendance interactive lectures	Ask questions and give assignments
15	4	Some Theorems of Polynomial Ring	Polynomial Ring	Attendance interactive lectures	Ask questions and give assignments
11.	Course	Evaluation			
Distrib prepar	outing the	e score out of 100 acco	ording to the t	tasks assigned to the s	tudent such as daily
12.	Learning	and Teaching Reso	ources		
Require	ed textboo	oks (curricular books, if	any) A fir Frale	st Course in Abstract	Algebra by J. B.

Main references (sources)	Introduction to to Modern Abstract Algebra by Burton
Recommended books and references	
(scientific journals, reports)	
Electronic References, Websites	