Course Description Form

1. Course Name:
Ring theory2
2. Course Code:
ScMath 3309
3. Semester / Year:
The third phase 2024-2025
4. Description Preparation Date:
2024/10/10
5. Available Attendance Forms:
In-person education
6. Number of Credit Hours (Total) / Number of Units (Total)
45+15 discussions per semester
7. Course administrator's name (mention all, if more than one name)
Name: mustafa akram saeed Email: Mustafa.akram@uoanbar.edu.iq
8. Course Objectives

Course Objectives	How to obtain special types of ideals The curriculum achieves the skills required to develop the student's scientific thinking and self–learning
9. Teaching and Learning Strategies	
Strategy	A- Knowledge and understanding 1- The student must have sufficient knowledge about different spac and their definitions Explaining the importance of the topic by giving some motivati examples to the student and creating a spirit of competition a encouragement

	B- Subject-specific skills 1- The student must have sufficient knowledge about different spac and their definitions Develop a teaching plan to achieve the desired goals of learning a teaching C- Thinking skills 1- Linking the topic theoretically and practically 2- Raising some questions that allow the student to respond quickly determine the extent of his attention and the extent of comprehensi and understanding 3- Adopting tests to determine their mental readiness Assigning the student to solve daily questions, ask new questions, a discuss them with the students D - General and transferable skills (other skills related to employabil and personal development). 1- A detailed explanation of the meaning of the episode Link the topic with other topics

10. Course Structure

Week	Hours	Required Learning Outcomes	Unit or subject name	Learning method	Evaluation method
1.	3	The meaning of isomorphism and its importance	Kernel ring	theoretical	General questi and discussi
2.	3	The meaning of isomorphism and its importance	Kernel ring	theoretical	General questions ar discussion
3.	3	How to obtain special types of ide	Special types of ideals a polynomial rings	theoretical	General questions ar discussion
4.	3	How to obtain special types of ide	Special types of ideals a polynomial rings	theoretical	Weekly exa
5.	3	How to obtain special types of ide	Special types of ideals a polynomial rings	theoretical	General questions ar discussion
6.	3	How to obtain special types of ide	Special types of ideals a polynomial rings	theoretical	General questions ar discussion
7.	3	How to expand a loop and study modules	Expanding the field a modules	theoretical	General questions ar discussion
8.	3	How to expand a loop and study modules	Expanding the field a modules	theoretical	**General questions ar discussion**

9.	3	How to expand a loop and study modules	Expanding the field and modules	theoretical	Group assignment
10.	3	How to expand a loop and study modules	Expanding the field and modules	theoretical	Group assignment
11.	3	How to expand a loop and study modules	Expanding the field and modules	theoretical	Group assignment
12.	3	How to expand a loop and study modules	Expanding the field and modules	theoretical	General questions ar discussion
13.	3	How to expand a loop and study modules	Expanding the field and modules	theoretical	General questions ar discussion
14.	3	Other types of partial modules	Partial cymbodiolate	theoretical	General questions ar discussion
15.	3	Other types of partial modules	Partial cymbodiolate	theoretical	Weekly exa

11. Course Evaluation

The endeavour consists of 40 points, including exams, activities, homework and quizzes. The final exam consists of 60 points.

12. Learning and Teaching Resources

Required textbooks (curricular books, if any)	**Introduction to modern abstract algebra by Burton**
Main references (sources)	
Recommended books and references (scientific journals, reports…)	**Abstract algebra by Burton**
Electronic References, Websites	