

Kingdom of Saudi Arabia
 Ministry of Education
 Majmaah University
 College of Education in Zulfi
 Chemistry Department

بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ



المملكة العربية السعودية
 وزارة التعليم
 جامعة المجمعة
 كلية التربية بالزلفي
 قسم الكيمياء

COURSE CLASSIFICATION FORM

Course Number/ Name organic chemistry (Organic Compounds Spectra)		CHEM 423	
Prepared by		Dr.Nawal Mahgoub	
Program Learning Outcomes	Levels* (0,1,2, 3,4,5)	Relevant Activities	Assessment Methods/Metrics
Recognize the knowledge of fundamental concepts in Chemistry	5	Lecture Oral discussion Laboratory	Midterm and final Exam Written home work Practical reports Quizzes
Covering the major principles and theories in the field of chemistry	5	Lecture Oral discussion	Midterm and final Exam Written home work Quizzes
Introducing students to the prominent teaching methods and approaches in relation to chemistry.	0	-	-
Explain to general audience the Chemistry principles that underlie our understanding of nature	5	Lecture Oral discussion Laboratory	Written home work Midterm and final Exam Practical reports
Develop the skill for analyzing/solving the Chemistry based problems.	3	Lecture Oral discussion Laboratory	Written home work Midterm and final Exam Practical reports
Think creatively about scientific problems and their solutions	3	Lecture Oral discussion Laboratory	Written home work Midterm and final Exam Practical reports
Applying the acquired academic skills to professional and academic contexts.	0	-	-
An ability to work effectively in diverse teams in both classroom and laboratory.	4	Discussion as groups Work as groups in the lab	Research paper Practical reports

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Taking the initiative to identify urgent problems and solve them.	3	Lecture Oral discussion Laboratory	Written home work Midterm and final Exam Practical reports Quizzes
Assuming responsibility for self-learning and professional development.	3	Discussion as groups Work as groups in the lab	Research paper Practical reports
Showing high commitment to work ethics in accordance with Islamic values	2	Lecture Laboratory	
Think creatively about scientific problems and their solutions, both orally and in written	3	Lecture Oral discussion Laboratory	Written home work Midterm and final Exam Practical reports Quizzes
Locate and retrieve scientific information, using modern computer tools	4	Oral discussion Written home work Laboratory	Research paper Practical reports
Learn how to collect and classify the required topics using internet communication tools.	4	Lecture Oral discussion Laboratory	Research paper Practical reports Written home work

*Please mark(or type) High(5),Medium-High(4), Medium(3),Low- Medium(2)&Low(1) or Not At All(0) indicating the level to which you believe , as an instructor , the students have achieved these outcomes in this course.

COURSE CLASSIFICATION FORM

Course Number/ Name organic chemistry (polymers and patrol)		CHEM 314	
Prepared by		Dr.Nawal Mahgoub	
Program Learning Outcomes	Levels* (0,1,2, 3,4,5)	Relevant Activities	Assessment Methods/Metrics
Recognize the knowledge of fundamental concepts in Chemistry	5	Lecture Oral discussion Laboratory	Midterm and final Exam Written home work Practical reports Quizzes
Covering the major principles and theories in the field of chemistry	5	Lecture Oral discussion	Midterm and final Exam Written home work Quizzes
Introducing students to the prominent teaching methods and approaches in relation to chemistry.	0	-	-
Explain to general audience the Chemistry principles that underlie our understanding of nature	5	Lecture Oral discussion Laboratory	Written home work Midterm and final Exam Practical reports
Develop the skill for analyzing/solving the Chemistry based problems.	3	Lecture Oral discussion Laboratory	Written home work Midterm and final Exam Practical reports
Think creatively about scientific problems and their solutions	3	Lecture Oral discussion Laboratory	Written home work Midterm and final Exam Practical reports
Applying the acquired academic skills to professional and academic contexts.	0	-	-
An ability to work effectively in diverse teams in both classroom	4	Discussion as groups Work as groups in the lab	Research paper



and laboratory.			Practical reports
Taking the initiative to identify urgent problems and solve them.	3	Lecture Oral discussion Laboratory	Written home work Midterm and final Exam Practical reports Quizzes
Assuming responsibility for self-learning and professional development.	3	Discussion as groups Work as groups in the lab	Research paper Practical reports
Showing high commitment to work ethics in accordance with Islamic values	2	Lecture Laboratory	
Think creatively about scientific problems and their solutions, both orally and in written	3	Lecture Oral discussion Laboratory	Written home work Midterm and final Exam Practical reports Quizzes
Locate and retrieve scientific information, using modern computer tools	4	Oral discussion Written home work Laboratory	Research paper Practical reports
Learn how to collect and classify the required topics using internet communication tools.	4	Lecture Oral discussion Laboratory	Research paper Practical reports Written home work

*Please mark(or type) High(5),Medium-High(4), Medium(3),Low- Medium(2)&Low(1) or Not At All(0) indicating the level to which you believe , as an instructor , the students have achieved these outcomes in this course.