

نموذج توصيف مقرر
Course Description Form

Name of College\Faculty : Science

Name of Department: Chemistry

اسم الكلية:

اسم القسم العلمي:

Course Name	GENERAL CHEMISTRY LAB 1	اسم المقرر
Course No.	CHEM 105	رقم المقرر
No. of Credits	1	عدد الوحدات
Theoretical Hours	0	عدد الساعات النظرية
Practical Hours	3	عدد الساعات العملية
Course topics		مواضيع المقرر
1. Safety instructions 2. Density 3. Stoichiometry 4. Qualitative analysis of Acid Radicals 5. Qualitative analysis of Basic radicals		
Text book: (Name, Author , Year , Publisher)		عنوان الكتاب : (الاسم ، المؤلف ، سنة الطبع ، دار النشر)
Experimental General Chemistry, by S.T. Marcus. McGraw-Hill, NY.		
References: (Name , Author , Year . Publisher)		عنوان المرجع : (الاسم ، المؤلف ، سنة الطبع ، دار النشر)
None		

Prerequisites Corequisite: CHEM 101			متطلبات المقرر		
Grading	Exams		%		الاختبارات
	Quizzes		%		امتحانات قصيرة
	H.W.		%		واجبات
	Project (field study)		%		مشاريع (دراسة ميدانية)
	Final		%		الاختبار النهائي
	%				آلية رصد المقرر

Course objectives					
No.	Course Objectives (Learning Outcomes)	Example(s) of relevant (Topics and activities)	Recommended Level to satisfy the objectives		
			High	Medium	Low
1	Determine the densities of regularly and irregularly shaped solids as well as of pure liquids and solutions.		X		
2	Determine the empirical formula of simple compounds and calculate the mass percent of a compound in a mixture.		X		
3	Test and identify the constituents (acid radical and basic radical) contained in a sample of unknown composition.			X	
Fields					
Skills	- Deal with the safety rule. - Investigate the uses and of limits the various types of glassware, balance, and laboratory tools. - Implement the experimental procedures. - Record the experimental results and able to draw conclusions based on these results - Communicate the results critically and knowledgeably - Apply rules of significant figure in the reported result - Write a scientific report				



Coordinator (Name and Rank) :	
Signature and stamp :	
Date:	30\ 11 \2025