

Date:	Examination No.: 15367	Version: 2021-2022	Start: 1/9/2021
Module Name - Code	General Chemistry - 8127		
Module Language:	English		
Responsible:	Dr. Reem Abdul Hakim Alrawi		
Lecture (s):	Dr. Reem Abdul Hakim Alrawi		
College:	College of Engineering – Salahaddin University		
Duration:	1 semester		
Course outcomes:	<p>At the end of the semester, students would be able to understand:</p> <p>Dimensions and Units By Chemical State, The Properties of Matter, The States of Matter, The Importance of Energy in the Study of Matter, Units and Conversion Factors in Calculations, Converting Between Unit Systems, Measurement In Scientific Study, Some, Important SI Units in Chemistry, Extensive and Intensive Properties, Elements, Compounds and Mixtures: An Atomic Overview, Mass Conservation, Definite Composition, Multiple, Proportions, Dalton's Atomic Theory</p>		
Course Content:	Theoretical lectures		
Literature:	<ol style="list-style-type: none"> 1. "Principles of General Chemistry", 3ed edition 2013. Martin S. Silberberg. McGraw-Hill Companies, Inc. 2. "General Chemistry: Principles and Modern Applications", 10th edition, 2011. Ralph H. Petrucci et al. Pearson Canada Inc., Toronto, Ontario. 3. "Chemistry, The Central Science", 9th edition, 2002. Theodore L. Brown et al. Pearson College Div. 		
Type of Teaching:	4 hrs in lectures		
Pre-requisites:			
Frequency:	Yearly in fall semester		
Requirements for credit points:	<ul style="list-style-type: none"> - For the award of credit points it is necessary to pass the module exam. - More than 15% absence, student will be withdrawn from final exam. - Student need at least <u>(20 grades from 40) in Theoretical module</u> or <u>(25 from 50) in Practical - theoretical module</u> to access the final exam. - Student's attendance is required in all classes. 		
Credit point:	5		
Grade Distribution:	<p>The Grade is generated from the examination result(s) with the following</p> <p>40% activity (Assignment, Quiz, Exam, Homework...etc)</p> <p>60% Final Exam</p>		
Work load:	The workload is 150h. It is the result of 60h attendance and 90h self studies.		