

NEAR EAST UNIVERSITY – COMMON COURSES COORDINATION UNIT



Ders Bilgi Formu / Course Information Sheet

Ders Kodu / Course Code CHM102	Ders Adı / Course Name General Chemistry II	Kredi /Credit 3	AKTS /ECTS 5				
Önkoşul / Pre-requisite: CHM101							
Ders Dili / Language: English		Ders Türü /Course Type: Compulsory		Öğretim Ortamı / Mode of Instruction: Distant			
Haftalık Ders Saati / Weekly Hours	Sınıf Saati / Class Hours	Laboratuva r / Laboratory	Uygulama / Practicum	Öğretim Oturumları / Learning Sessions			
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Öğretim Çıktıları / Learning Outcomes		<p>Bu dersin sonunda öğrenciler: After the completion of this course, the student will be able to:</p> <ul style="list-style-type: none"> ▶ Know and properly use the language of chemistry (nomenclature, terminology, and symbolic representations) ▶ Comprehend and be able to apply chemical facts, concepts, and models, and be able to ▶ Succeed in qualitative and quantitative problem solving skills. ▶ Think critically about the mutual impacts of science, society, natural resources, and the environment 					
Ders Tanımı / Course Description		This course is designed as a one-semester course for freshman nutrition and dietetic departments and materials sciences and nanotechnology engineering students.					
Dersin Amaçları / Course Objectives		<p>Students who successfully complete this course will be able to:</p> <ol style="list-style-type: none"> 1. Develop fundamental principles of theoretical and applied chemistry 2. Develop scientific inquiry, complexity, critical thinking, mathematical and quantitative reasoning. 3. Explain phenomena observed in the 					
Kullanılan Materyaller / Textbooks and/or References		<ol style="list-style-type: none"> 1 Principles and Reactions 7th Edition by William L. Masterton , Cecile N. Hurley, Edward Neth 2 Lecture Notes 3 Cengage Learning Center 					
Ders İçeriği / Course Content		Thermochemistry, Solutions and their physical properties, chemical kinetics, chemical equilibrium, acids and bases, acid-base equilibria, organic chemistry					