ROZOK ÜNIVER
Read
2005

YOZGAT BOZOK UNIVERSITY FACULTY OF ARTS AND SCIENCES CHEMISTRY DEPARTMENT COURSE PLAN

Course Code	e Course Title	Semes ter	Course Type (C/E)	T+A+L (Time/Week)	Credi t	ECT S	Course Language		
KİM11	5 Laboratory and	Fall	C	2+0+0			Turkish		
		COURSE		ION					
Course	Catalog Description	Laboratory	Safety devic	es and consum	ables us	ed in th	ne laboratory		
Conter (Conter	n of the Course	The concept and development of occupational health and safety; Developments in the world and Turkey regarding occupational health and safety; Occupational health and safety overview and safety culture, duties of institutions, organizations and employees in the creation of safety culture; National and international organizations and conventions related to occupational health and safety; Occupational health and safety management systems; Concepts of danger and risk in occupational health and safety; Risk management, assessment and methodology; Risk analysis and sample applications; Occupational health and safety risk factors (physical, chemical, biological); Work accidents, their causes, prevention and protection principles; Occupational diseases, their causes, prevention and protection principles, the concept of ergonomics and first aid, to provide basic occupational health and safety training to students and to create a culture of safety in students. This course aims to enable students to determine the causes of work accidents and occupational diseases, to determine safety measures in the workplace by acquiring knowledge and skills for protection from							
Courso		workplace.							
Course		Turkish							
Teachi	a method	(X) Formal () Online () Mixed/Hybrid							
Teachi	ng Staff of the Course	Related Lecturers							
Prerequ	uisite Course(s) of the								
Learnir Course	g Outcomes from the	 Learns the causes of work accidents and occupational diseases. Gains knowledge and skills to prevent work accidents and occupational diseases. Can detect safety measures at work. Obtain information on occupational health and safety legislation. Learns to work safely in the laboratory. 							
	COURSE CONTENT								
Week	Theory			actice/Laboratory					
1									
2	Laboratory Layout								
3	Safe Working Rules in the Laboratory								
4	Sate working Rules in the Labo								
5	Laboratory Safety Signs and Labels								
6	Laboratory Safety Signs and Labels								

7	Storage of Chemicals									
8	Storage of Chemicals									
9	Wastes									
10	Wastes									
11	What to Do in a Time of Danger									
12	What to Do in a Time of Danger									
13	Accidents and Precautions									
14	First aid									
15		Final Exam								
Course Learning Resources 1. Laboratory Safety, Feyyaz Onur, Ankara University Press ASSESSMENT CRITERIA										
Work A	ctivities During the Semester		Number	r		Co	ontribut	ion		
Homew	ork		1				%30			
Practice	e						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
Forum/	Discussion Application									
Short E	xam (Quiz) t Somootor Studios To Somooto		2		%35			%35		
Ratio O	f Final to Success (%)	er Success (%)					%40			
Total			1					%60		
TOtal							%100			
		COURSE WO	RKLOAD TAE	BLE						
Activity Tota		Total W	/eeks	Duration (Weekly Hours)		eekly	Total Workload			
Theory	1	14	14		2		28			
Practice				1						
Forum	/ Discussion Application									
Readin	Ig	14	14		2			28		
Internet Scanning, Library Study		14	4		2		28			
Material Design, Application		$\mathcal{D}\mathcal{V}$								
Brocon	Preparation									
Presen										
Fresentation		4			2		2			
Fillal Exam		1			2					
	allon for the rinal Exam	Ζ			1			14		
Total V	Vorkload									
Total V	Vorkload / 25 (s)							100/25		
FCTS Credits of the Course						100/25				
Note: The workload of the course will be determined by the instructor on a per-course basis. $100/25=4$. T					
PROGRAM FARNING OUTPUTS CONTRIBUTION EVELS										
No	Program Learning Outputs			1	2	3	4	5		
1	Gains extensive knowledge about the basic chemical properties of matter and uses this knowledge in daily life, industrial scale, and X practical chemistry and shares them with the society.									

Kararlılıkla YOBU Zaşarıya...

2	Performs experiments, collects data, interprets, evaluates results, defines problems parallel to current technological developments, produces solutions against problems encountered in the laboratory.	x		
3	Calculates and processes chemical information and data.	X		
4	Applies her/his knowledge and understanding of chemistry to the solution of unconventional qualitative and quantitative problems.	x		
5	Defines and comprehends chemical concepts and theories in Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Analytical Chemistry, Biochemistry.	x		
6	Can conduct research in the light of scientific data on any subject in the field of chemistry.	х		
7	Writes, presents, discusses scientific material, and presents it orally to a knowledgeable audience.	х		
8	Brings a chemical approach to the solution of environmental problems, makes environmental analyzes and reports.	х		
9	Knows a foreign language at a level to read and understand the basic terms and processes of the chemist profession.	x		
10	Can use computer software and information and communication technologies at the level required by the field.	x		
11	Adapts and transfers the knowledge gained in the field to secondary education.	х		
12	Apart from the field of chemistry, she/he gains knowledge in different branches of science that she feels close to.	х		
13	Carries out a study independently, makes group work and gains the awareness of taking responsibility.	x		
14	They can develop a positive attitude towards lifelong learning and constantly renew their professional knowledge and skills.	X		
15	Have sufficient awareness of the universality of social rights, social justice, quality culture and protection of cultural values, environmental protection, occupational health and safety.	x		