YOZGAT BOZOK UNIVERSITY FACULTY OF ARTS AND SCIENCES

CHEMISTRY DEPARTMENT COURSE PLAN

Course Code	Course Title	Semester	Course Type (C/E)	T+A+L (Time/Week)	Credit	ECTS	Course Language
KİM710	Academic Writing and Presentation Techniques	1-2	E	2+0+0		4	Turkish

COURSE INFORMATION

Course Catalog Description (Content)	Science, Scientific Research and other Activities. Selection of Scientific Research Topic. Methods of Collecting Information Related to Research. Planning of Research. Preparation of a Scientific Publication. What is Scientific Writing and Article? How to prepare a title? How are the authors and their addresses arranged? How to write a short abstract? How to write an introduction? How to write materials and methods? How to write the results? How to write a discussion? How to express thanks? How to cite sources? How to write a conference report? How to write a thesis? How to present an article? How to prepare a poster?
The Aim of the Course	The aim of the course is to provide a clear understanding of the basic principles and concepts of scientific and technical writing rules.
Course Level	Bachelor degree
Course Language	Turkish
Teaching method	(X) Formal ( ) Online ( ) Mixed/Hybrid
Teaching Staff of the Course	Prof. Dr. Mustafa SAÇMACI
Prerequisite Course(s) of the Course	
Learning Outcomes from the Course	1. Report a scientific study. 2. List the techniques of writing scientific reports. 3. Express the techniques of oral presentation. 4. Prepare a poster. 5. State scientific ethics. 6. Use figures, tables and graphs.

COURSE CONTENT

Week	Theory	Practice/Laboratory
1	The meaning of science	
2	The structure and development of science	
3	Scientific research and other activities	
4	Selection of scientific research topic	
5	Ways of Collecting Information about Research	
6	What is scientific writing and article?	
7	Title preparation, Authors' and their addresses' sequence	
8	How to write an abstract and introduction?	
9	How to write materials and methods?	
10	Discussion writing, Expression of thanks	
11	How to cite references? How to write a conference report?	
12	Thesis writing, Article presentation	
13	Poster preparation	

14	Oral presentation techniques	
15	Final Exam	

Course Learning Resources

1. Halil Seyidoğlu; Bilimsel Araştırma ve Yazma El Kitabı, 10. Baskı, Güzem Can Yayıncılık, İstanbul,2009.
2. Zeynel Dinler, Bilimsel Araştırma ve İnternete Bağlı Bilgi Merkezleri, 7. Baskı, Ekin Kitapevi

ASSESSMENT CRITERIA

Work Activities During the Semester	Number	Contribution
Homework	1	%30
Practice		
Forum/ Discussion Application		
Short Exam (Quiz)	2	%35
Ratio Of Semester Studies To Semester Success (%)		%40
Ratio of Final to Success (%)	1	%60
Total		%100

COURSE WORKLOAD TABLE

Activity	Total Weeks	Duration (Weekly Hours)	Total Workload
Theory	14	2	28
Practice			
Forum/ Discussion Application			
Reading	14	2	28
Internet Scanning, Library Study	14	2	28
Material Design, Application			
Report Preparation			
Presentation Preparation			
Presentation			
Final Exam	1	2	2
Preparation for the Final Exam	3	6	18
Other(s) (Specify: … …. ……..)			
Total Workload			
Total Workload / 25 (s)			104/25
ECTS Credits of the Course			$104/25 \cong 4$
Note: The workload of the course will be determined by the instructor on a per-course basis.			

PROGRAM LEARNING OUTPUTS CONTRIBUTION LEVELS

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 practical chemistry and shares them with the society.				**X**	
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.					**X**
7	Writes, presents, discusses scientific material, and presents it orally to a knowledgeable audience.			**X**		
8	Brings a chemical approach to the solution of environmental problems, makes environmental analyzes and reports.		**X**			
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.			**X**		
12	Apart from the field of chemistry, she/he gains knowledge in different branches of science that she feels close to.				**X**	
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**		