



AYDIN ADNAN MENDERES UNIVERSITY COURSE INFORMATION FORM

Course Title		Professional Chemistry							
Course Code		MRP121		Couse Level		Short Cycle (Associate's Degree)			
ECTS Credit	2	Workload	50 (<i>Hours</i>)	Theory	2	Practice	0	Laboratory	0
Objectives of the Course		The aim of this course is to provide the general chemistry knowledge to associate students. To give the students the ability to think and apply by giving hints about how to use this information according to their field.							
Course Content		Introduction to organic chemistry, hydrocarbons, organic halogen compounds, alcohol, ether and phenols, aldehydes and ketones, carboxylic acids and derivatives, amines.							
Work Placement		N/A							
Planned Learning Activities and Teaching Methods				Explanation (Presentation), Demonstration					
Name of Lecturer(s)									

Assessment Methods and Criteria

Method	Quantity	Percentage (%)
Midterm Examination	1	40
Final Examination	1	70

Recommended or Required Reading

1	Organik Kimya Çeviri editörü Tahsin Uyar Hart-Cryine-Hart, Palme Yayınları
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Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to Chemistry
2	Theoretical	hydrocarbons
3	Theoretical	hydrocarbons
4	Theoretical	hydrocarbons
5	Theoretical	Organic Halogen Compounds
6	Theoretical	Organic Halogen Compounds
7	Theoretical	alcohols
8	Intermediate Exam	Midterm
9	Theoretical	Ethers and epoxides
10	Theoretical	Aromatic compounds
11	Theoretical	phenols
12	Theoretical	Aldehydes and ketones
13	Theoretical	Carboxylic acids and derivatives
14	Theoretical	amines
15	Theoretical	amines

Workload Calculation

Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	0	2	28
Midterm Examination	1	11	1	12
Final Examination	1	9	1	10
Total Workload (Hours)				50
[Total Workload (Hours) / 25*] = ECTS				2

*25 hour workload is accepted as 1 ECTS

Learning Outcomes

1	Gains the ability to work on interdisciplinary subjects.
2	to be able to follow scientific changes in chemical field.
3	Students will be able to know the properties of technological tools and equipment used in the field and have the ability to use them effectively.



4	Provides independent learning in the field of chemistry.
5	Gains the ability to explain the basic concepts and principles of chemistry.

Programme Outcomes (Architectural Restoration)

1	The restoration, structural information, the matters required by the construction technology and infrastructure areas have sufficient theoretical and practical knowledge in this field and win.
2	Using the basic level of knowledge and skills acquired in the field, interpret and evaluate data, identify problems, analyze, would have the ability to develop solutions based on evidence.
3	Restoration terminology, values that protect the basic principles for the identification and protection purposes, the protection will have information about the evolution of understanding and methods.
4	The causes of deterioration tile works, to be implemented between the restoration and conservation methods and have the basic information about the techniques.
5	modern techniques required for applications related to the field, tools, and you can select and use information technology effectively.
6	Drawing to gain the perspective necessary, plans, sections, elevations, have knowledge about perspective drawings and descriptions, at various scales, section, learn how to view details and to review the project.
7	The concept of traditional crafts, periods, techniques, materials, and have knowledge about the historical development.
8	When faced with unforeseen situations in the field of application to produce solutions, won the individual to take responsibility in the team or work ability.
9	By using computer-related applications and commands used in the project drawings, studies measuring the output settings and make applications work on the plan.
10	Labor law and occupational safety, environmental protection and quality have the consciousness.
11	Archaeological research methods, have knowledge about excavation methods and types. drawing museum in presentation material examination of the legislation in the application of archeology and artifacts within the scope of the documentation and cataloging acquire knowledge and skills.
12	Survey, restoration, knows the basic principles and methods in restitution and conservation. The history of restoration and will have the necessary information about the current restoration techniques applied in the world.
13	building materials that are used in historical buildings, construction techniques, have a general knowledge about the causes of deterioration and preservation techniques.
14	Wood will have a basic knowledge of the causes of deterioration and take necessary protection methods.
15	on Traditional Turkish House Architecture; The origin of Turkish houses, regional specialties, plan types, building systems, construction materials, will have information about the features and facade decorations.
16	have knowledge about perspective drawings and descriptions, at various scales, section, learn how to view details and to review the project.
17	control services in buildings, unit price and description analysis, excavation, and will have information about transportation and accounting affairs.
18	He gains the ability to conduct research.
19	The creation of an architectural project and all the architectural layout of the project and learn the making of three-dimensional computer drawings of the visual.
20	They have to respect the historical value of professional ethics.

Contribution of Learning Outcomes to Programme Outcomes 1:Very Low, 2:Low, 3:Medium, 4:High, 5:Very High

	L1	L2	L3	L4
P1	1	2	2	2
P2	3	3	3	3
P3	2	2	3	2
P4	4	3	4	3
P5	4	3	4	4
P6	1	1	1	2
P7	1	3	1	2
P8	4	3	3	3
P9	2	2	1	2
P10	3	2	2	2
P11	2	3	3	3
P12	2	3	2	3
P13	4	4	3	3
P14	4	4	4	3
P15	2	2	1	2
P16	1	2	1	1



P17	1	2	1	2
P18	2	3	2	2
P19	1	2	1	1
P20	2	2	2	2

