AYDIN ADNAN MENDERES UNIVERSITY
COURSE INFORMATION FORM

Course Title	Roof Gardens								
Course Code	ZPM501		Couse Level	Second Cycle (Master's Degree)					
ECTS Credit	7	Workload	175 *(Hours)*	Theory	3	Practice	0	Laboratory	0
Objectives of the Course	At the end of this course, it is aimed teaching the students: to learn the basic concepts of roof gardens, to comprehend planning and design principles of roof gardens, especially to understand the problems regarding roof gardens in our country and their practices as well as solutions.								
Course Content	Basic concepts related to roof gardens, in the historical process change and development of roof gardens in the world as well as in our country, purpose of construction of roof gardens, functions of roof gardens, relationships between open/green areas with roof gardens, and examples in the world and in our country.								
Work Placement	N/A								
Planned Learning Activities and Teaching Methods	Explanation (Presentation), Discussion, Case Study, Individual Study								
Name of Lecturer(s)									

Assessment Methods and Criteria		
Method	Quantity	Percentage (%)
Midterm Examination	1	30
Final Examination	1	40
Term Assignment	1	30

Recommended or Required Reading	
1	Kayan, A., Gönülşen, R., Kılıçarslan, Ç., “Çatı Bahçelerinin Uygulanmasına İlişkin Yapılandırma Teknikleri, Uygulamada Karşılaşılan Zorluklar, Türkiye’de ve İzmir’de Başlıca Gelişememe Sebepleri”, Ege Üniversitesi, Ziraat Fakültesi, Peyzaj Mimarlığı Bölümü, Lisans Tezi, İzmir, 1994.
2	Küçükerbaş, E. V., “Ege Bölgesi Koşullarında Sığ Topraklar Üzerinde Az Bakımla (Ekstansif) Bitkilendirme Olanakları Üzerinde Bir Çatı Bahçesi Örneğinde Araştırmalar”, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Peyzaj Mimarlığı Ana Bilim Dalı, Doktora Tezi, İzmir, 1991.
3	Damar, M. Z., Doğan, Ö., “Çatı Bahçeleri Planlama İlkeleri ve İnşaasına İlişkin Özellikler”, Ege Üniversitesi, Ziraat Fakültesi, Peyzaj Mimarlığı Bölümü, Lisans Tezi, İzmir, 1997.
4	Erkul, E., 2012. Yeşil Çatı Sistemlerinin Yapım Açısından İrdelenmesi, Dokuz Eylül Üni. Fen Bilimleri Enstitüsü, 190 s

Week	Weekly Detailed Course Contents	
1	Theoretical	Introduction to course: content, reason, importance, process method and needs
2	Theoretical	Explaining the basic concepts of roof gardens
3	Theoretical	In the historical process change and development of roof gardens in the world as well as in our country
4	Theoretical	Historical process and development of roof gardens in our country
5	Theoretical	The purpose of construction of roof gardens
6	Theoretical	The function of roof gardens
7	Theoretical	Classification of roof gardens
8	Intermediate Exam	Mid-term exam
9	Theoretical	Relationships between open/green areas with roof gardens
10	Theoretical	The design principles of roof gardens, its problems and solutions
11	Theoretical	Examples in the world and in our country
12	Theoretical	Örnek üzerinde tasarım uygulamaları
13	Theoretical	Design applications on the sample
14	Theoretical	Design applications on the sample
15	Theoretical	Design applications on the sample
16	Final Exam	Final Exam

Workload Calculation				
Activity	Quantity	Preparation	Duration	Total Workload
Lecture - Theory	14	7	3	140

Term Project	1	6	1	7
Midterm Examination	1	11	1	12
Final Examination	1	15	1	16
			Total Workload (Hours)	175
			[Total Workload (Hours) / 25*] = **ECTS**	7
**25 hour workload is accepted as 1 ECTS*				

Learning Outcomes	
1	To understand the importance and benefits of roof gardens
2	To understand the development process of roof gardens
3	To learn the principles of planning and design of roof gardens
4	To internalize the importance and the role of the landscape architect in the planning, design and implementation stages of roof gardens
5	To have knowledge about the management of roof gardens

Programme Outcomes *(Landscape Architecture Master)*	
1	e
2	e
3	e
4	e
5	e

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

	L1	L2	L3	L4	L5
P1	5	3	4	5	5
P2	2	3	5	4	4
P3			4	5	
P4					3