

COURSE INFORMATION					
Course Title	Code	Semester	L+P Hour	Credits	ECTS
Arboretum and Botanical Gardens	KENT 518		3+0	3	10

Prerequisites	-
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Language of Instruction	English
Course Level	Graduate
Course Type	Elective
Course Coordinator	Prof.Dr. Cemil ATA
Instructors	Prof.Dr. Cemil ATA
Assistants	
Goals	Criticism of arboretums and botanical gardens in the world and in our country
Content	Including definition of arboretum, definition of botanical gardens, arboretums in the World, botanical gardens in the World, botanical gardens and arboretums of universities and city corporations, arboretum principles of official and private organizations, botanical garden principles of official and private organizations, arboretum building techniques, Botanical garden building techniques, groves, arboretum and botanical gardens continuity, arboretum and botanical gardens maintenance techniques.

Learning Outcomes	Program Learning Outcomes	Teaching Methods	Assessment Methods
1) Improve knowledge about arboretums	1,4,5	1,2,3	A,C
2) Improve knowledge about botanical gardens	1,4,5	1,2,3	A,C,D
3) Absorbing and interpreting of world arboretums	1,4,5,6	1,2,3	A,C
4) Absorbing and interpreting of famous botanical gardens	1,4,5,6	1,2,3	A,C
5) Establishing principles of arboretums and botanical gardens in the world	1,4,5,6	1,2,3	A,C,D

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion
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Assessment Methods:	A: Testing, B: Juy, C: Homework, D: Quizzes
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COURSE CONTENT		
Week	Topics	Study Materials
1	Introduction	Botanical Books
2	Definition of arboretum	Botanical Books
3	Definition of botanical gardens	Botanical Books
4	Arboretums in the world	Botanical Books
5	Botanical gardens in the world	Botanical Books
6	Botanical gardens and arboretums of universities and city corporations	Botanical Books
7	Midterm	Botanical Books
8	Arboretum principles of official and private organizations	Botanical Books
9	Botanical garden principles of official and private organizations	Botanical Books
10	Arboretum building techniques	Botanical Books
11	Botanical garden building techniques	Botanical Books
12	Groves	Botanical Books
13	Arboretum and botanical gardens continuity	Botanical Books
14	Arboretum and botanical gardens maintenance techniques	Botanical Books
15	Student presentations	

RECOMMENDED SOURCES	
Textbook	Papers, notice and conferences advices about arboretum and botanical gardens.
Additional Resources	-

MATERIAL SHARING	
Documents	Botanical books
Assignments	-
Exams	Midterm, quizzes, final exam.

ASSESSMENT		
IN-TERM STUDIES	NUMBER	PERCENTAGE
Mid-terms	1	30
Quizzes	2	10
Project	-	-
Presentation	1	5
Homework	1	5
Final		50
Total		100
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE		50
CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE		50
Total		100

COURSE CATEGORY	
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COURSE'S CONTRIBUTION TO PROGRAM						
No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1	Develops and deepens the theoretical and practical knowledge at the level of expertise in the field of Urban Design and Landscape Architecture, based on the qualifications of undergraduate education.				X	
2	Has knowledge of legal and managerial issues such as national / international environmental policies and legislation, as well as discusses current developments and changes.					
3	Has critical awareness of the nature of knowledge, its sources, and the problems of knowledge production and the testing of knowledge in the areas of Architecture / planning / design and Interfaces between other related areas. Is able to disgust the interaction between disciplines related to the field.				X	
4	Has extensive knowledge of the criteria and processes that are effective in determining urban design requirements such as socio-economic and spatial standards and the ability to use these criteria within the design process.					X

5	Knows world examples in urban design and its parts, follows current developments and has an idea about how they can be handled according to the conditions of the country.								X
6	Has extensive knowledge about the current techniques and methods applied in the field of Biological-Ecological Environmental Protection (Nature conservation, landscape planning, recreational planning, Green area planning, protected area planning, etc.) and solutions for local and global environmental problems and their limitations.								X
7	Has extensive knowledge about ecosystem, biodiversity and sustainable resource management, rural development, design, planning and technology use.								X
8	Has the ability to prepare urban design / landscape design projects or research projects based on theoretical and practical knowledge by following /producing innovative methods and ideas.								X
9	Has problem-solving skills necessary for integrating knowledge from different fields and the ability to critically evaluate academic research.								X
10	Has the competence to access information, databases and other resources, and conduct specific scientific studies, as well as the ability to share and discuss open and systematic knowledge with experts and non-experts.								X
11	Is conscious of the social and professional ethical responsibilities that may arise from the application of information and decisions.								
12	Protects public benefit in the design of urban components and the shaping of the city as a whole, and acts with social responsibility								
13	Has the attitude to decide and act with judicial awareness by showing respect to human, social and cultural rights, and by being sensitive to the protection of the natural environment and cultural heritage.								

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION			
Activities	Quantity	Duration (Hour)	Total Workload (Hour)
Course Duration (Including the exam week: 16 x Total course hours)	16	3	48
Hours for off-the-classroom study (Pre-study, practice)	16	10	160
Mid-terms	1	3	3
Quizzes	2	1.5	3
Project	-		
Workshop-Presentation	1	15	15

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Final examination	1	3	3
Total Work Load			240
Total Work Load / 25 (h)			9,6
ECTS Credit of the Course			10