

Course Description					
Name	Code	Semester	T+A Hour	Credit	ECTS
LANDSCAPE BUIL. TECHNIQUES and MATERIAL INFOR. I	KTP3111414	Fall Semester	2+2	3	4
<b>Prerequisites Courses</b>					
<b>Recommended Elective Courses</b>					
<b>Language of Instruction</b>	Turkish				
<b>Course Level</b>	First Cycle (Bachelor's Degree)				
<b>Course Type</b>	Required				
<b>Course Coordinator</b>	Assist.Prof. Yazgı AKSOY				
<b>Name of Lecturer(s)</b>	Assoc.Prof. Deniz ASLAN				
<b>Assistant(s)</b>	Araş.Gör. Ezgi KOCAZEYBEK				
<b>Aim</b>	Landscape Building Techniques and Materials Science course is given in two semesters. The aim of this semester; The aim of this course is to teach the students the properties and production of building materials that they can use in their projects and application studies and how to use them in Landscape Architecture studies.				
<b>Course Content</b>	This course contains; Introduction, scope and aim of the course,Natural Materials in Landscape Construction (Stone, aggregate, wood, metal, asphalt etc.),Artificial Materials in Landscape Construction (Agglomerates, Athermites and wood plates, synthetic petroleum products, Paints and Preservatives, glass etc.),Binders (cement, lime, plaster, etc.),Surface coatings / Flooring,Containment elements / Walls,Exam/ Slopes and Level changes / Leveling,Steps, ramps and terraces,Roof elements,Drainage elements / Infrastructure systems,Lighting Components,Parking Lots,Circulation / Pedestrian and Bicycle paths,Circulation Motor Vehicle Roads.				
<b>Course Learning Outcomes</b>			<b>Teaching Methods</b>	<b>Assessment Methods</b>	
3.Chooses suitable materials according to their properties and applies.			10, 14, 16, 5, 6	A, E, F	
1. Lists the basic materials in landscape applications.			10, 14, 16, 5, 6	A, E, F	
2. Makes scaled drawings for the applications of materials.			10, 14, 16, 5, 6	A, E, F	
<b>Teaching Methods</b>	10: Discussion Method, 14: Self Study Method, 16: Question - Answer Technique, 5: Cooperative Learning, 6: Experiential Learning				
<b>Assessment Methods</b>	A: Traditional Written Exam, E: Homework, F: Project Task				
<b>Lecture Schedule</b>					
<b>Sequence</b>	<b>Topics</b>	<b>Preliminary Preparation</b>			
1	Introduction, scope and aim of the course				
2	Natural Materials in Landscape Construction (Stone, aggregate, wood, metal, asphalt etc.)				
3	Artificial Materials in Landscape Construction (Agglomerates, Athermites and wood plates, synthetic petroleum products, Paints and Preservatives, glass etc.)				
4	Binders (cement, lime, plaster, etc.)				
5	Surface coatings / Flooring				
6	Containment elements / Walls				
7	Exam/ Slopes and Level changes / Leveling				
8	Steps, ramps and terraces				
9	Roof elements				
10	Drainage elements / Infrastructure systems				
11	Lighting Components				
12	Parking Lots				
13	Circulation / Pedestrian and Bicycle paths				
14	Circulation Motor Vehicle Roads				
<b>Evaluation Methods</b>		<b>Weight(%)</b>			
Midterm Exam		50			
General Exam		50			

Resources
Long, Gungor, 2000. Building Materials. CU Faculty of Agriculture Textbooks Publication No: A-49, ADANA
Uzun, Güngör, 2000. Landscape Construction I. Ç.Ü. Faculty of Agriculture Textbooks Publication No: 37, ADANA
Seçkin, Öznur Bülel; 2004. Landscape Construction Volume 1, Istanbul University. Faculty of Forestry Textbooks Publication No: 480 İSTANBUL
T.Dines, Nicholas and D. Brown, Kyle; 1999. Site Construction Details Manual, McGraw-Hill, Companies, New York
Giles, Floyd; 1999. Landscape Condruction: Procedures, Techniques and Design. Stipes Publishing, ILLINOIS
Harris, Charles W and T. Dines, Nicholas; 1988. Time Saver Standards for Landscape Architecture. McGraw- Hill, Companies, New York