

ITU FACULTY OF ARCHITECTURE
DEPARTMENT OF LANDSCAPE ARCHITECTURE
PLANT MATERIAL I – PEM134E
2019-2020 SPRING – CRN 22064 (Room:106)

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CONTEXT

The characteristics and the ecological – soil requirements of broad-leaved and coniferous trees, tree-like shrubs that form the group of flowering and enclosed seed bearing plants (Angiospermae and Gymnospermae) will be covered considering their native regions. In terms of architectural and aesthetic potential of these plants, the size, shape (habitus), leaf type, branching habit, fruits, flowers, and landscape usage will be analyzed.

The course will be held in two parts as the theoretical part in the classroom, and the outdoors practice. The dates of field trips and the outside class activities may vary depending on the seasonal weather forecast.

1- Sketch Book/Plant Diary: The book that you will draw and save all the plant species that was held during the class and outside practices. The sketch books will be delivered at the end of the term (at the final exam).

2- Classroom Exercises; Three drawing exercises will be completed during the semester. This will include a plan, section and

a perspective drawing with the plants of the course context.

3- Research Abstract: Each student will prepare an extended abstract of a specific planting design issue with a design example.

4- PowerPoint Presentation: Every student will make a presentation of their plant specie and design Project. The presentation should take approximately 10 min and the information of the subject should be supported with visual images (after the midterm exam).

Activities	Grading, %
Sketch Book Submission	10
Research Abstract	5
Classroom Exercises	5
Midterm Exam	30
PowerPoint Presentation	10
Final Exam	40

*Students who fail to meet the specified mid-term and tutorial requirements are considered to fail to fulfill the final exam requirements. In this case final grade is assigned as "VF".

%80 Attendance is required.

PROGRAM

WE EK	DATE	SUBJECT	IMPORTANT DATES
1	11th February	Introduction of the course	
2	18th February	Basic Terminology -1	
3	25st February	Basic Terminology - 2	
4	3th March	Plant identification – Site Visit	ITU Maslak Campus Visit
5	10th March	Plant identification	
6	17th March	Plant identification – Site Visit	Atatürk Arboretum Visit
7	24st March	Plant identification – Site Visit	ITU Maslak Campus Visit
8	31th March	MID-TERM BREAK ☺	
9	7th April	MIDTERM-SUBMISSION OF HOMEWORKS	Homeworks of 2-3 and Preliminary Sketchbook Submission
10	14th April	Plant identification – Site Visit	Nezahat Gökyiğit Botanical Garden Visit
11	21th April	Seminar	
12	28th April	Plant identification	
13	5nd May	Plant identification	
14	12th May	Plant identification – Student Presentations	
15	19th May	Plant identification – Student Presentations	Sketch Book Submission

RESOURCES

Resources from the Library of Faculty	
M SB435 .D57 1998	-Manual of woody landscape plants
M SB403.2 .T39 2003	-Encyclopedia of plants
M SB450.95 .R69 1992	-The royal horticultural society encyclopedia of gardening / Christopher Brickell
SB472.45 .S23 2007	-Professional planting design / Scott C. Scarfone
SB450.97 .C49 1999	-Dış mekan süs bitkileri ve peyzajda kullanımları / Gürkan Ceylan
SB435 .Z56 1995	-Trees for architecture and landscape / Robert L. Zion
SB407 .O43 2005	-Fleur : plant portraits by Fleur Olby / Fleur Olby
SB417 .D54 1991	-Winter garden / Walter Diem
SB428 .B55 2007	-Conifers for gardens / Richard L. Bitner
SB407 .F47 2005	-Right plant, right place / Nicola Ferguson
SB450.98 .P43 2003	-Extreme horticulture / John Pfahl
SB459 .R63 2001	-Rock & water gardening / Peter Robinson
QK477.2.I4 W55 2007	-Identifying trees : an all-season guide to Eastern North America / Michael D. Williams
Resources from the Library of Department	
Royal Horticultural Society, Encyclopedia of Plants & Flowers	
Bitki Materyali 1,2,3, / Besalet PAMAY	
Dendroloji 1 Ders kitabı, Gymnospermae/ Prof. Dr. Faik YALTIRIK	
Dendroloji 2 Ders kitabı, Angiospermae/ Prof. Dr. Faik YALTIRIK	
Dendroloji Ders kitabı, / Prof. Dr. Faik YALTIRIK	
Türkiye Bitkileri Yayılış Haritaları / Josef Donner ; Alper H. Çolak	