



T.R.  
İSTANBUL UNIVERSITY  
FACULTY OF FORESTRY



CURRICULUM FORM  
Syllabus

Number : Date : 27.3.2017

Department : LANDSCAPE ARCHITECTURE, UNDERGRADUATE PROGRAM,(FORMAL EDUCATION)

Academic Year : 2016 - 2017

Course Name		PLANT MATERIAL II: ANGIOSPERMAE				Course Code	PEMI2051 A
Semester	Theory	Practice	Lab	Credit	ECTS	Course Language	Course Type
4	2	2	0	3	4	Turkish	Req
Admission Requirements		-					
Compulsory Attendance		Theory		Practice		Lab	
		%70		%80			
Course Teacher(s)		Asst. Prof. ŞERİFE DOĞANAY YENER,					
Purpose		The objective of this course is to give descriptive information about some Angiospermae taxa, which are important to know for Landscape Architect.					
Course Content (Short Description)		Nomenclature, morphological characters using to describe Angiospermae taxa, differences between Gymnospermae and Angiospermae, identify some important natural and exotic Angiospermae taxa base on morphological characters and taxonomic relation					
Course Learning Outcomes		-Know basic terms of Dendrology -Know morphological characters using to describe Angiospermae taxa -Know differences between Gymnospermae's and Angiospermae's -Identify some important natural and exotic Angiospermae taxa base on morphological characters, know taxonomic relations - Know that natural Angiospermae taxa grow in which regions of Turkey					
Teaching and Learning Methods		Oral presentation; powerpoint presentation; discussion; fieldwork in the faculty garden, Atatürk Arboretum; examining shoots, leafs, buds, cones, and seeds in Dendrology Lab.					
Contribution of Learning Outcomes on Program Competency		It contributes at the medium level to Program Competency with number 8. In the other its contribution is at the high level.					
Resources		YALTIRIK, F., 1993; Dendroloji Ders Kitabı, Gymnospermae (Açık Tohumlular), İ. Ü. Orman Fakültesi Yayınları, İ.Ü. Yayın No: 3443, O.F. Yayın No:386, 320 s., İstanbul.					

ASSESSMENT SYSTEM

Study	Number	Contribution
Assignments	0	0

**ASSESSMENT SYSTEM**

<b>Study</b>	<b>Number</b>	<b>Contribution</b>
Presentation	0	0
Mid-term Examinations (including time for preparation)	1	40
Project	0	0
Clinical Practice	0	0
Laboratory	0	0
Field Work	0	0
Other Applications	0	0
Quiz	0	0
Term Paper/ Project	0	0
Portfolio Study	0	0
Reports	0	0
Learning Diary	0	0
Thesis/ Project	0	0
Seminar	0	0
Other	0	0
Final Exam	1	60
THE WEIGHT OF THE IN-TERM ASSIGNMENTS IN THE FINAL GRADE		40
THE WEIGHT OF THE END OF TERM EXAM IN THE FINAL GRADE		60
TOTAL		100

**ECTS TABLE**

<b>Events</b>	<b>Number</b>	<b>Period</b>	<b>Credit Workload</b>
Class Hours	0	0	0
Working Hours out of Class	0	0	0
Assignments	0	0	0
Presentation	0	0	0
Mid-term Examinations (including time for preparation)	1	40	40
Project	0	0	0
Clinical Practice	0	0	0
Laboratory	0	0	0

**ECTS TABLE**

<b>Events</b>	<b>Number</b>	<b>Period</b>	<b>Credit Workload</b>
Field Work	0	0	0
Other Applications	0	0	0
Final Examinations (including preparatory year)	1	60	60
Quiz	0	0	0
Term Paper/ Project	0	0	0
Portfolio Study	0	0	0
Reports	0	0	0
Learning Diary	0	0	0
Thesis/ Project	0	0	0
Seminar	0	0	0
Other	0	0	0
Credit Workload			100
Credit Workload / 25			4
ECTS			4

**WEEKLY COURSE CONTENTS**

<b>Week</b>	<b>Theory Topics</b>
1	General characteristics of Angiospermae's; Descriptions of various organs
2	Descriptions of various organs
3	Family Casuarinaceae (Casuarina), Salicaceae (Salix, Populus), Juglandaceae (Juglans, Pterocarya)
4	Family Betulaceae (Betula, Alnus, Carpinus, Corylus), Fagaceae (Fagus, Castanea, Quercus), Ulmaceae (Ulmus, Celtis)
5	Family Oleaceae (Fraxinus, Forsythia, Jasminum, Syringa, Phillyrea, Osmanthus, Ligustrum)
6	Family Aceraceae (Acer)
7	Family Platanaceae (Platanus), Hamamelidaceae (Liquidambar), Lauraceae (Laurus), Buxaceae (Buxus), Tiliaceae (Tilia), Hippocastanaceae (Aesculus), Magnoliaceae (Magnolia, Liriodendron)
8	Family Leguminosae (Robinia, Laburnum, Wisteria, Albizia, Cercis, Gleditschia, Sophora)
9	Family Rosaceae (Eriobotrya, Pyracantha, Cotoneaster, Crataegus, Photinia, Malus, Laurocerasus, Spiraea, Chaenomeles, Prunus)
10	Family Caprifoliaceae (Viburnum, Weigela, Abelia, Symphoricarpos, Lonicera)
11	Family Berberidaceae ((Mahonia, Berberis), Ericaceae (Rhododendron), Celastraceae (Euonymus), Anacardiaceae (Cotinus), Cornaceae (Cornus, Aucuba)
12	Family Punicaceae (Punica), Ebenaceae (Diospyros), Araliaceae (Hedera, Fatsia), Aquifoliaceae (Ilex), Bignoniaceae (Campsis, Catalpa), Ranunculaceae (Clematis)

**WEEKLY COURSE CONTENTS**

<b>Week</b>	<b>Theory Topics</b>
13	Family Labiatae (Rosmarinus), Scrophulariaceae (Paulownia), Buddleiaceae (Buddleia), Elaeagnaceae (Elaeagnus), Vitaceae (Parthenocissus, Pittosporaceae (Pittosporum)
14	Family Saxifragaceae (Philadelphus, Deutzia, Hydrangea), Calycanthaceae (Calycanthus, Chimonanthus), Lythraceae (Lagerstroemia), Myrtaceae (Feijoa), Malvaceae (Hibiscus), Simaroubaceae (Ailanthus), Apocynaceae (Nerium)

<b>Hafta</b>	<b>Practice Topics</b>
1	Examining on evergreen Angiospermae taxa, and shoot with buds
2	Family Casuarinaceae (Casuarina), Salicaceae (Salix, Populus), Juglandaceae (Juglans, Pterocarya)
3	Family Betulaceae (Betula, Alnus, Carpinus, Corylus), Fagaceae (Fagus, Castanea, Quercus), Ulmaceae (Ulmus, Celtis)
4	Family Oleaceae (Fraxinus, Forsythia, Jasminum, Syringa, Phillyrea, Osmanthus, Ligustrum)
5	Family Aceraceae (Acer)
6	Family Platanaceae (Platanus), Hamamelidaceae (Liquidambar), Lauraceae (Laurus), Buxaceae (Buxus), Tiliaceae (Tilia), Hippocastanaceae (Aesculus), Magnoliaceae (Magnolia, Liriodendron)
7	Family Leguminosae (Robinia, Laburnum, Wisteria, Albizia, Cercis, Gleditschia, Sophora)
8	Family Rosaceae (Eriobotrya, Pyracantha, Cotoneaster, Crataegus, Photinia, Malus, Laurocerasus, Spiraea, Chaenomeles, Prunus)
9	Family Caprifoliaceae (Viburnum, Weigela, Abelia, Symphoricarpos, Lonicera)
10	Family Berberidaceae (Mahonia, Berberis), Ericaceae (Rhododendron), Celastraceae (Euonymus), Anacardiaceae (Cotinus), Cornaceae (Cornus, Aucuba)
11	Family Punicaceae (Punica), Ebenaceae (Diospyros), Araliaceae (Hedera, Fatsia), Aquifoliaceae (Ilex), Bignoniaceae (Campsis, Catalpa), Ranunculaceae (Clematis)
12	Family Labiatae (Rosmarinus), Scrophulariaceae (Paulownia), Buddleiaceae (Buddleia), Elaeagnaceae (Elaeagnus), Vitaceae (Parthenocissus, Pittosporaceae (Pittosporum)
13	Family Saxifragaceae (Philadelphus, Deutzia, Hydrangea), Calycanthaceae (Calycanthus, Chimonanthus), Lythraceae (Lagerstroemia), Myrtaceae (Feijoa), Malvaceae (Hibiscus), Simaroubaceae (Ailanthus), Apocynaceae (Nerium)
14	General practical course for all given Angiospermae taxa

**RELATIONSHIP OF PROFICIENCY PROGRAM WITH COURSE LEARNING OUTCOMES**

<b>Num</b>	<b>Qualification Program</b>	<b>Score</b>
1	Has basic knowledge on the design and planning of rural and urban landscapes and able to use it by problem solving.	5
2	Skilled to consider the design area and design elements in 3 dimensions and/or time dimension.	3
3	Skilled to express considerations related to conservation, planning and design with free-hand drawings, modelling and graphic presentations.	3
4	Has the skill of managing and reconciling conflicts that might arise between parties on conservation, planning, design and administrative issues.	2
5	Skilled to comprehend and embrace diversity and cultural differences.	2

**RELATIONSHIP OF PROFICIENCY PROGRAM WITH COURSE LEARNING OUTCOMES**

<b>Num</b>	<b>Qualification Program</b>	<b>Score</b>
6	Skilled for multi-disciplinary work.	2
7	Defends the resulting planning and design work effectively, evaluates critics.	2
8	Skilled to use information and communication technologies (Computer programmes, GIS, AutoCAD, 3D Max, etc.) in design and planning works.	1
9	Knows the legal regulations related to the profession and behaves suitably.	1
10	Has the awareness of the advantages of studying in a university with long tradition, while knows the social and cultural potential of the metropolitan city of Istanbul and transforms them into professional skills.	5
11	Information about business life practices such as project management, risk management, and change management; awareness of entrepreneurship, innovation, and sustainable development.	2
12	Knowledge about contemporary issues and the global and societal effects of engineering practices on health, environment, and safety; awareness of the legal consequences of engineering solutions.	5
Contribution Level : 1 low, 5 high		

SIGNATURE