



T.R.  
İSTANBUL UNIVERSITY  
FACULTY OF FORESTRY



CURRICULUM FORM  
Syllabus

Number : Date : 28.3.2017

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

Academic Year : 2016 - 2017

Course Name		PERSPECTIVE AND MODEL MAKING TECHNIQUES				Course Code	PEMI2030 A
Semester	Theory	Practice	Lab	Credit	ECTS	Course Language	Course Type
3	2	2	0	3	4	Turkish	Req
Admission Requirements		-					
Compulsory Attendance		Theory		Practice		Lab	
		%70		%80			
Course Teacher(s)		Asst. Prof. AYÇA YEŞİM ÇAĞLAYAN,					
Purpose		To give an information about general konsept in perspektive and model making techniques, kinds of perspektives, the important role of perspektif presentations and uses in landscape architecture					
Course Content (Short Description)		General definitions, design geometry and projections, kinds of perspectives, light and shadow, model making techniques, materials and their applications.					
Course Learning Outcomes		A person describes and perceives the design geomtry and its projection. A person understands the projection of points, lines, curves and plans. A person knows the kinds of oerspectives and assests the applications. A person presents the conceptual formation of the space building when necessary design process and he uses this views as a basic instrument for another design processes. A person combines the perspektives and model techniques with the objectives of visualisation pirinciples and objectives. He understans the perspective properties of the visual materials and uses this information combining with the other visualization techniques.					
Teaching and Learning Methods		oral explain,discussion, question-answering,workshops and class-studies, homework					
Contribution of Learning Outcomes on Program Competency							
Resources		Uzun, G. (1995): Perspektif Çizim ve Model Yapımı, Çukurova Üniversitesi Ziraat Fakültesi, Genel yayın no: 112 Ders kitapları Yayın no: 31 Divanlıoğlu, H.D. (1990): Perspektif, Yıldız Üniversitesi Mimarlık Fakültesi, İstanbul. Gürer, L. (1983): Perspektif ve Gölge, İstanbul Teknik Üniversitesi Baskı Atölyesi, İstanbul. İnceoğlu, N., (1995): Düşünme ve Anlatım Aracı olarak Eskizler, Helikon Yayınları, İstanbul, ISBN: 975-95147-0-2 Lin, M. (1993): Drawing and Designing with confidence A-step by step Guide,ISBN:0-471-28390-8					

**ASSESSMENT SYSTEM**

<b>Study</b>	<b>Number</b>	<b>Contribution</b>
Assignments	13	10
Presentation	0	0
Mid-term Examinations (including time for preparation)	1	30
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	12	4	48
Working Hours out of Class	13	1	13
Assignments	13	1	13
Presentation	0	0	0
Mid-term Examinations (including time for preparation)	1	6	6
Project	0	0	0
Clinical Practice	0	0	0

**ECTS TABLE**

<b>Events</b>	<b>Number</b>	<b>Period</b>	<b>Credit Workload</b>
Laboratory	0	0	0
Field Work	4	1	4
Other Applications	0	0	0
Final Examinations (including preparatory year)	1	7	7
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			91
Credit Workload / 25			3.64
ECTS			4

**WEEKLY COURSE CONTENTS**

<b>Week</b>	<b>Theory Topics</b>
1	Design geometry and projections, definitions and context
2	The projections of point, line, curves, circles and objectives
3	The definition, context and kinds of perspective
4	Parallel projection and its kinds
5	Oblique projection
6	Planometric projection (military perspective)
7	Isometric projection
8	Dimetric projection
9	One-Point Perspective
10	Two-Point Perspective
11	Three-Point Perspective
12	The perspective of curves and planes

**WEEKLY COURSE CONTENTS**

<b>Week</b>	<b>Theory Topics</b>
13	The perspective of shadow
14	Model making techniques, materials and equipment

<b>Hafta</b>	<b>Practice Topics</b>
1	The Circle of perception, conception, representation and Decision
2	Relationship of the space and perspective drawings
3	Different kinds of perspective drawings samples and applications
4	An application of parallel projection
5	Oblique projection drawing applications
6	Planometric projection (military perspective) drawing applications
7	Isometric projection drawings applications
8	Dimetric projection drawings applications
9	One-Point Perspective drawing study (Outdoor study)
10	One-Point Perspective drawing study (indoor study)
11	Two-Point Perspective drawing study
12	The application of The Shadow perspective
13	A Model making technique application and homework
14	

**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.	1
2	Skilled to consider the design area and design elements in 3 dimensions and/or time dimension.	5
3	Skilled to express considerations related to conservation, planning and design with free-hand drawings, modelling and graphic presentations.	5
4	Has the skill of managing and reconciling conflicts that might arise between parties on conservation, planning, design and administrative issues.	1
5	Skilled to comprehend and embrace diversity and cultural differences.	3
6	Skilled for multi-disciplinary work.	1
7	Defends the resulting planning and design work effectively, evaluates critics.	5
8	Skilled to use information and communication technologies (Computer programmes, GIS, AutoCAD, 3D Max, etc.) in design and planning works.	2

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

<b>Num</b>	<b>Qualification Program</b>	<b>Score</b>
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.	1
11	Information about business life practices such as project management, risk management, and change management; awareness of entrepreneurship, innovation, and sustainable development.	1
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.	1
Contribution Level : 1 low, 5 high		

**SIGNATURE**