PM-106 - PERSPECTIVE AND MODEL TECHNIC - Mühendislik Mimarlık Fakültesi - Peyzaj Mimarlığı Bölümü

General Info

Objectives of the Course

This lecture is aiming to learn can express perspective information and technics, them of design, to students.

Course Contents

Overall presentation of the 3D with the help of 2D picture identification, definition and importance of perspective, and perspective drawing techniques, methods, techniques and perspectives in the project report. The basic principles to model, model supplies, model construction techniques, cottage garden, city park and a children's park in an area such as a model of practicing

Recommended or Required Reading

1. GÜRER L., 1996. Perspektif Ve Gölge. Birsen Yayinevi 2. Desing Drawing?, Francis D.K. Ching with Steven P. Juroszek, John Wiley&Sons, Inc. New York, 1998 3. Uzun, G., 1997. Perspektif Çizim ve Model Yapımı, Ç.Ü. Ziraat Fakültesi Genel Yayın No: 112, Ders Kitapları Yayın No: 31, Adana. 4. Özkan, B., 1995. Teknik Perspektif. Ege Peyzaj Mimarlığı Derneği Yayın No:1995/1.

Planned Learning Activities and Teaching Methods

General introduction, determination of the third dimension with the help of two-dimensional pictures, definition and importance of perspective, perspective methods and drawing techniques, perspective technique and presentation in the project. Basic principles of model making, model materials, model making techniques, model application study in an area such as a country house garden, city park and children's park.

Recommended Optional Programme Components

Material Use and Accessibility: Various materials are provided so that students can experience different modeling materials (cardboard, wood, foam, plexiglass, etc.) and alternative production methods are introduced. Technology and Digital Tools: In addition to traditional hand drawings and model making, information is provided on the integration of digital modeling programs such as AutoCAD, SketchUp, Rhino into the course content. Time Management and Project Planning: Project planning and phased delivery systems are implemented so that students can complete the scaled model making process on time. Feedback and Evaluation: Regular critical evaluations (critiques) are conducted throughout the course to ensure that students develop their drawing and modeling skills. Workshop Safety and Working Rules: Information is provided on the safe use of cutting tools, adhesives, and other equipment, and workshop working rules are determined.

Instructor's Assistants

Res. Ass. Ahmet Alperen Dikici

Dersi Veren Öğretim Elemanları

Assoc. Prof. Dr. Murat Yücekaya

Program Outcomes

1. After teaching this lecture student will learn aim of the lectures and applications of these subject to the other area.
2. Ability to plan, design and implement landscape on the basis of sustainability by using the basic design and planning knowledge and skills acquired in the field.
3. Ability to work individually, within disciplines and interdisciplinary teams
4. Ability to use information on planning, designing and detailing urban and rural areas at different scales in line with ecological, aesthetic and functional principles depending on user needs.
5. Ability to express ideas and solution suggestions using verbal, written and graphic presentation techniques

Weekly Contents

Order	PreparationInfo	Laboratory	TeachingMethods	Theoretical	Practise
1			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	Definition of Perspective, its parts, introduction of materials to be used, providing information about course content	Definition of Perspective, its parts, introduction of materials to be used, providing information about course content
2			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	land section and landscape project section explanation and application	land section and landscape project section explanation and application

Order	PreparationInfo	Laboratory	TeachingMethods	Theoretical	Practise
3			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	land section and landscape project section explanation and application	land section and landscape project section explanation and application
4			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	land section and landscape project section explanation and application	land section and landscape project section explanation and application
5			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	land section and landscape project section explanation and application	land section and landscape project section explanation and application
6			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	One Point Perspective	One Point Perspective
7			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	Two Point Perspective	Two Point Perspective
8			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	Midterm Exam	
9			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	Three Point Perspective	Three Point Perspective

Order	PreparationInfo	Laboratory	TeachingMethods	Theoretical	Practise
10			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	Shadow Work Model Work	Shadow Work Model Work
11			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	Model Work	Model Work
12			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	Model Work	Model Work
13			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	Model Work	Model Work
14			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	Model Work	Model Work
15			In the Perspective and Model Making Technique course, students learn by developing individual and group projects with applied workshops. Basic drawing and model making techniques are shown step by step by the instructor using the demonstration method. With the project-based learning approach, students produce original designs on determined topics and develop problem-solving skills. With the critical evaluation and feedback process, students present their work, make peer evaluations and reinforce their creative thinking skills.	Finaş Exam	Final Exam

Workload

Activities	Number	PLEASE SELECT TWO DISTINCT LANGUAGES
Ödev	14	4,00
Proje	8	2,00
Final	1	10,00
Uygulama / Pratik	10	2,00
Ara Sınav Hazırlık	1	10,00
Vize	1	5,00
Ders Öncesi Bireysel Çalışma	14	1,00
Ders Sonrası Bireysel Çalışma	14	3,00
Ev Ödevi	10	4,00

Assesments

Activities	Weight (%)
Ara Sınav	30,00
Final	50,00
Performans Ödevi	20,00

Peyzaj Mimarlığı Bölümü / PEYZAJ MİMARLIĞI X Learning Outcome Relation

	P.O. 1	P.O. 2	P.O. 3	P.O. 4	P.O. 5	P.O. 6	P.O. 7	P.O. 8	P.O. 9	P.O. 10	P.O. 11	P.O. 12	P.O. 13	P.O. 14
L.O. 1														
L.O. 2														
L.O. 3														
L.O. 4														
L.O. 5														

Table :

P.O. 1 : Alanında edindiği temel tasarım ve planlamaya ilişkin bilgi ve becerilerini kullanarak sürdürülebilirlik temelinde peyzaj planlama, tasarım ve uygulama yapabilme

P.O. 2 : Mesleki sorumluluk ve etik değerlere sahip olabilme

P.O. 3 : Bireysel, disiplin içinde ve disiplinler arası takım çalışması yapabilme

P.O. 4 : Doğal ve egzotik bitki türlerinin tanınması, üretimi, estetik, işlevsel ve ekolojik amaçlar doğrultusunda planlanması/tasarımı, korunması ve peyzaj mimarlığı mesleki problemlerine uygulama becerisine sahip olabilme

P.O. 5 : Doğal ve kültürel peyzajlara ilişkin verileri elde etme, analiz etme, değerlendirme ve yorumlama becerisi kazanabilme

P.O. 6 : Ulusal ve uluslar arası ölçekteki çevre sorunları hakkında bilgi sahibi olabilme, duyarlı davranabilme ve çözümler üretebilme

P.O. 7 : Bağımsız davranabilme, inisiyatif kullanma becerisine sahip olabilme

P.O. 8 : Peyzaj Mimarlığı ile ilgili bilgi teknolojilerini ve bilgi sistemlerini kullanma, belirlenen konu ve sorunlar için gerekli bilgi toplama ve analiz edebilme

P.O. 9 : Farklı ölçeklerdeki kentsel ve kırsal alanların kullanıcı ihtiyaçlarına bağlı olarak ekolojik, estetik ve işlevsel ilkeler doğrultusunda planlanması, tasarlanması ve detaylandırılmasına ait bilgileri kullanabilme

P.O. 10 : Doğal ve kültürel çevrenin korunması için çevre ve doğa koruma konularında sürdürülebilirlik temelinde akılcı ve uygulanabilir çözümler üretebilme

P.O. 11 : Peyzaj yapıları ve malzemelerini tanıyabilme, konstrüksiyon detayları geliştirebilme ve peyzaj mühendisliği temelinde uygulama becerisi kazanabilme

P.O. 12 : Fikirlerini ve çözüm önerilerini sözlü, yazılı ve grafik anlatım teknikleri kullanarak anlatabilme

P.O. 13 : Yaşam boyu öğrenme bilinci kazanabilme

P.O. 14 : 3 Boyutlu düşünebilme, tasarım konularında yaratıcı olabilme

L.O. 1 : Bu dersten başarılı olan öğrenciler dersin amaçlarında belirtilen ve içerikte verilen tüm konuları kavrar ve soyut fikirlerin somut fikirlere uygulama yetisini kazanır.

L.O. 2 : Alanında edindiği temel tasarım ve planlamaya ilişkin bilgi ve becerilerini kullanarak sürdürülebilirlik temelinde peyzaj planlama, tasarım ve uygulama yapabilme

L.O. 3 : Bireysel, disiplin içinde ve disiplinler arası takım çalışması yapabilme

L.O. 4 : Farklı ölçeklerdeki kentsel ve kırsal alanların kullanıcı ihtiyaçlarına bağlı olarak ekolojik, estetik ve işlevsel ilkeler doğrultusunda planlanması, tasarlanması ve detaylandırılmasına ait bilgileri kullanabilme

L.O. 5 : Fikirlerini ve çözüm önerilerini sözlü, yazılı ve grafik anlatım teknikleri kullanarak anlatabilme