SER-304 - COMPUTER AIDED 3D DESIGN II - Güzel Sanatlar Fakültesi - SERAMİK VE CAM BÖLÜMÜ

General Info

Objectives of the Course

The aim is to gain the basic knowledge and skills not only to render the designed and modeled 3D space, but also to present and represent these drawings and renders by using picture visualization program.

Course Contents

To apply design methods and modeling with a three-dimensional design program on the computer.

Recommended or Required Reading

Cem Dönmez, Saliha Dönmez, Modeling with RHINOCEROS 4, Kuriş Printing, 2009, İstanbul. Ahmet Turan Köksal- SketchUp - 3D Design for Everyone - pdfindir/sketchup-herkes-icin-3-dütlu-tasarim/#

Planned Learning Activities and Teaching Methods

Application via computer.

Recommended Optional Programme Components

Modeling using a computer program.

Instructor's Assistants

It is not available.

Presentation Of Course

Face to face

Dersi Veren Öğretim Elemanları

Inst. İlksen Alveroğlu Inst. Bahadır Cem Erdem Assoc. Prof. Dr. Betül Aytepe Serinsu

Program Outcomes

1. Can use three-dimensional drawing program.
2. Can draw and design in accordance with basic design principles in a three-dimensional drawing program.
3. Can create original designs in three-dimensional drawing programs.

Weekly Contents

Order	PreparationInfo	Laboratory	TeachingMethods	Theoretical	Practise
1			Lecture, Question-Answer, Demonstration, Individual Application Skills	Introduction to the programs to be used in the design process, general information about the course, explanation of computer image processing methods, and introduction to the logic of three-dimensional drawing programs.	Introduction to the programs to be used in the design process, general information about the course, explanation of computer image processing methods, and introduction to the logic of three-dimensional drawing programs.
2			Lecture, Question-Answer, Demonstration, Individual Application Skills	Explaining the purposes of three-dimensional drawing commands.	Explaining the purposes of three-dimensional drawing commands.
3	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Doing 3D drawing exercises	Doing 3D drawing exercises
4	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing.	Original 3D ceramic form drawings.
5	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing.	Original 3D ceramic form drawings.
6	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing.	Original 3D ceramic form drawings.
7	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing.	Original 3D ceramic form drawings.
8				Midterm Exam	Midterm Exam
9	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing.	Original 3D ceramic form drawings.
10	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing.	Original 3D ceramic form drawings.
11	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing.	Original 3D ceramic form drawings.
12	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing.	Original 3D ceramic form drawings.
13	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing.	Original 3D ceramic form drawings.
14	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing. Making a teapot drawing	Original 3D ceramic form drawings. Making a teapot drawing
15	Practical exercises can be gained by watching videos on the internet covering the lesson topics. Each topic will be explained by the instructor using a computer.		Lecture, Question-Answer, Demonstration, Individual Application Skills	Theoretical and practical explanation of 3D ceramic form drawing.	Original 3D ceramic form drawings.
16				Final Exam	Final Exam

Workload

Activities	Number	PLEASE SELECT TWO DISTINCT LANGUAGES
Vize	1	4,00
Final	1	4,00
Ödev	8	3,00
Uygulama / Pratik	14	1,00
Ders Öncesi Bireysel Çalışma	8	1,00
Ara Sınav Hazırlık	4	1,00
Final Sınavı Hazırlık	4	1,00

Assesments

Activities	Weight (%)
Final	60,00
Vize	40,00

Seramik Cam Bölümü / SERAMİK VE CAM 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	P.O. 15
L.O. 1	5	5	4	3	2	5	3	5	3	5	4	5	5	3	3
L.O. 2	4	4	4	4	5	3	4	3	5	5	5	2	3	2	2
L.O. 3	5	2	5	2	3	5	5	5	3	5	3	4	4	4	4

Table :

P.O. 1 : Sanat, tasarım ve seramik alanına yönelik donanıma sahip olma ve edindiği bilgileri uygulama becerisi

P.O. 2 : Araştırma, deneyimleme, analiz, değerlendirme ve yorumlama becerisi

P.O. 3 : Seramik alanının gerektirdiği kıstlamaları göz önünde bulundurarak, ortaya konan sorun ve gereksinimleri karşılayacak bir ürünü/yapıtı ya da süreci tasarlama ve yaratma becerisi

P.O. 4 : Kendi alanını diğer disiplinlerle ilişkilendirerek bireysel ve grup içinde çalışma becerisi

P.O. 5 : Sanat ve tasarım sorunlarını belirleme, tanımlama ve çözme becerisi

P.O. 6 : Fikir ve sanat eserleri alanlarında mesleki ve etik sorumluluk bilinci

P.O. 7 : Etkin iletişim kurma ve kendini ifade edebilme becerisi

P.O. 8 : Sanat/tasarım çözümlemelerinin,evrensel ve toplumsal boyutlarda etkilerini anlamak için gerekli genişlikte eğitim

P.O. 9 : Yaşam boyu öğrenmenin gerekliliği, bilinci ve bunu gerçekleştirebilme becerisi

P.O. 10 : Çağın sorunları hakkında kendini geliştirebilme bilinci

P.O. 11 : Sanat ve tasarım uygulamaları için gerekli olan teknikleri ve yenilikleri kullanma becerisi

P.O. 12 : Araştırma yönü kuvvetli, teknolojik gelişmeleri takip eden ve alanına adapte edebilme bilinci

P.O. 13 : Sanat ve tasarım bilincini toplumla paylaşarak sosyal, kültürel ve toplumsal sorumlulukları kavrama, benimseme bilinci

P.O. 14 : Yaratıcılık sürecinde mesleki özgüvenle birlikte kavramsal bilgi birikimi ve becerileri pekiştirme bilinci

P.O. 15 : Sanatı ve tasarımı toplumsal bir sorumluluk boyutunda kavrayan ve alanına yönelik uluslararası gelişmeleri takip eden bireyler yetiştirmek

L.O. 1 : Üç boyutlu çizim programını kullanabilir.

L.O. 2 : Üç boyutlu çizim programında temel tasarım ilkeleri doğrultusunda çizim ve tasarım yapabilir.

L.O. 3 : Üç boyutlu çizim programında özgün tasarım yapabilir.