

SER-401 - CERAMIC AND MIXED MATERIALS - Güzel Sanatlar Fakültesi - Seramik Cam Bölümü
General Info

Objectives of the Course

The aim of this course is to enable the student to explore and implement the rich expressive possibilities of combining ceramic forms with various alternative materials. Additionally, students are encouraged to develop interactive and multi-material designs with ceramics, enhancing their material knowledge and aesthetic understanding. The student referred to the rich possibilities of combining mixed media designs implement the ceramic forms

Course Contents

The course contents include the introduction and integration of ceramics with alternative materials. Students will learn to use alternative materials in ceramic surface designs and three-dimensional ceramic designs. The interactions between ceramics and alternative materials, such as thermal changes, cooling, and changes over time, will be explored. The use of mixed materials in industrial and artistic projects will also be discussed in detail. Finally, students will develop individual projects that combine alternative materials with ceramics. Methods of examining ceramic and alternative materials in ceramic surface designs and three dimensional designs. Introducing alternative materials that can be used in ceramic form. Examining the usage areas of alternative materials and ceramics.

Recommended or Required Reading

Clay, chamotte clay, ceramic shaping pencils, stone, metal, wood, etc. materials. The materials for the course include ceramic clay, grogged clay, ceramic materials, glass, plastic waste, and other alternative materials. Students will experiment with these materials to develop creative designs.

Planned Learning Activities and Teaching Methods

The course is supported by studio workshops, providing students the opportunity to develop hands-on projects with ceramics and alternative materials. Students will actively participate in the process of creating creative designs by experimenting with different material combinations. Additionally, students will be expected to research alternative materials and present their findings in class. Critiques will be conducted at each stage of the projects, helping students refine their designs. Students will develop creative projects collaboratively through group work.

Recommended Optional Programme Components

The course is suitable for students who wish to undertake advanced design projects. Students may focus on multi-material works in their designs. Additionally, students may organize visits to art galleries to see ceramic works that incorporate mixed materials.

Instructor's Assistants

Research assistants will guide students in studio workshops and projects, assisting with material supply, technical support, and project consultation.

Presentation Of Course

The course will be delivered through face-to-face instruction. In this course, where both theoretical and practical work will take place, students will actively participate.

Dersi Veren Öğretim Elemanları

Dr. Öğr. Üyesi Serkan Tok Assoc. Prof. Dr. Betül Aytepe Serinsu

Program Outcomes

1. Principles of composition, the object and use the clutch on the new regulations.
2. can enrich ceramic form designs using mixed materials.
3. cab defend ideas and solutions used in creating the original designs.
4. Can understand the relationship between material and form, making appropriate material choices.
5. Can create aesthetic and functional designs by experimenting with the integration of various alternative materials with ceramics.

Weekly Contents

Order	PreparationInfo	Laboratory TeachingMethods	Theoretical	Practise
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Order	PreparationInfo	Laboratory TeachingMethods	Theoretical	Practise
1	* The Encyclopedia of Pottery Techniques, 1998, Peter Cosentino, Headline book publishing *The Potter's Guide to Handbuilding, 2000, Josie Warshaw, Hermes House *The Potter's Manual, 1993, Kenneth Clark, Little Brown and Company * Plastik Sanatlar Alanında Seramik ve Cam Üzerine Yaklaşımlar Serisi, Akademisyen Kitabevi Students should prepare by researching the technical properties and usage areas of ceramic materials.	Design application lecture. Question-answer	Introduction to the properties of ceramic materials and basic ceramic shaping techniques. Students will gain fundamental knowledge of ceramics and the variety of materials used.	As part of this course, practical ceramic work will be carried out under the ELIA project titled "Above and Under Your Roof," organized by the Faculty of Arts and Design at the West University of Timișoara, Romania. Students from both countries will conduct practical work aligned with the project's theme in their respective school workshops. The Encyclopedia of Pottery Techniques, 1998, Peter Cosentino, Headline book publishing p.10-84 Students will practice basic shaping techniques using ceramic clay. Focus will be on kneading, forming, and creating basic shapes.
2	* The Encyclopedia of Pottery Techniques, 1998, Peter Cosentino, Headline book publishing *The Potter's Guide to Handbuilding, 2000, Josie Warshaw, Hermes House *The Potter's Manual, 1993, Kenneth Clark, Little Brown and Company * Plastik Sanatlar Alanında Seramik ve Cam Üzerine Yaklaşımlar Serisi, Akademisyen Kitabevi Students should prepare by researching the technical properties and usage areas of ceramic materials.	Design application lecture. Question-answer	Introduction to the properties of ceramic materials and basic ceramic shaping techniques. Students will gain fundamental knowledge of ceramics and the variety of materials used.	As part of this course, practical ceramic work will be carried out under the ELIA project titled "Above and Under Your Roof," organized by the Faculty of Arts and Design at the West University of Timișoara, Romania. Students from both countries will conduct practical work aligned with the project's theme in their respective school workshops. The Encyclopedia of Pottery Techniques, 1998, Peter Cosentino, Headline book publishing p.10-84 Students will practice basic shaping techniques using ceramic clay. Focus will be on kneading, forming, and creating basic shapes.
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8	Midterm exam	Design application lecture. Question-answer	Midterm exam	Students take an exam assessing their knowledge and skills related to ceramic and waste material combinations.
9	* The Encyclopedia of Pottery Techniques, 1998, Peter Cosentino, Headline book publishing *The Potter's Guide to Handbuilding, 2000, Josie Warshaw, Hermes House *The Potter's Manual, 1993, Kenneth Clark, Little Brown and Company * Plastik Sanatlar Alanında Seramik ve Cam Üzerine Yaklaşımlar Serisi, Akademisyen Kitabevi Students select necessary materials for their projects and prepare by focusing on their designs.	Design application lecture. Question-answer	Theory on designs created from the combination of waste and ceramic materials is provided in-depth. Students begin working on more complex and innovative forms.	Students develop unique projects using ceramics and waste materials. Practical work is done on the interaction of different materials.

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11	* The Encyclopedia of Pottery Techniques, 1998, Peter Cosentino, Headline book publishing *The Potter's Guide to Handbuilding, 2000, Josie Warshaw, Hermes House *The Potter's Manual, 1993, Kenneth Clark, Little Brown and Company * Plastik Sanatlar Alanında Seramik ve Cam Üzerine Yaklaşımlar Serisi, Akademisyen Kitabevi Materials to be used in the projects are selected and preparation is made for the final designs.	Design application lecture. Question-answer	Challenges encountered in the use of waste materials and strategies to overcome them are discussed.	Students work on advanced projects using ceramics and waste materials to develop their unique designs.
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Workload

Activities	Number	PLEASE SELECT TWO DISTINCT LANGUAGES
Vize	1	2,00
Final	1	2,00
Uygulama / Pratik	3	5,00
Ders Öncesi Bireysel Çalışma	3	5,00
Ders Sonrası Bireysel Çalışma	4	5,00
Uygulama / Pratik Sonrası Bireysel Çalışma	4	5,00
Final Sınavı Hazırlık	1	5,00

Assesments

Activities	Weight (%)
Ara Sınav	40,00
Final	60,00

	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	4	3	4	3	4	3	4	3	4	3	3	4	3	4	3
L.O. 2	4	3	4	3	4	4	2	2	3	3	2	4	3	4	4
L.O. 3	4	3	4	3	4	3	3	2	5	4	3	3	2	4	5
L.O. 4	4	3	4	3	3	3	4	2	5	5	4	4	3	5	4
L.O. 5	4	3	4	3	4	4	4	2	5	5	4	5	4	5	4

Table :

- P.O. 1 :** Have knowledge in the fields of art, design and ceramics, as well as the skills to put this knowledge in practice
- P.O. 2 :** Have research, experimentation, analysis, evaluation and interpretation ability
- P.O. 3 :** Design and create a product / a work / a process that will meet the needs or propose a solution to a problem, taking into account the restrictions arising in the field of ceramics
- P.O. 4 :** Have the ability to working groups or individually relating their field knowledge with other disciplines
- P.O. 5 :** Determine, describe and propose solutions to problems in the art and design of ceramics
- P.O. 6 :** Have professional and ethical responsibility in intellectual and artistic works
- P.O. 7 :** Communicate effectively and express themselves verbosely
- P.O. 8 :** Understand the impact of art and design solutions at a global and societal level
- P.O. 9 :** Have a full understanding of the necessity of life long learning and are equipped with the skills and an awareness of sustaining it
- P.O. 10 :** Develop a self-awareness of contemporary issues
- P.O. 11 :** Use the necessary techniques and innovations required for art and design applications
- P.O. 12 :** Sustain a strong research orientation, and show determination and willingness to adapt technological developments in ceramics
- P.O. 13 :** Share an awareness of art and design in the community with an understanding and adaption of social and cultural responsibilities
- P.O. 14 :** Show professional self-confidence with a conceptual knowledge in creativity processes
- P.O. 15 :** Follow international developments, realize art and design as a social responsibility
- L.O. 1 :** Principles of composition, the object and use the clutch on the new regulations.
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- L.O. 3 :** cab defend ideas and solutions used in creating the original designs.
- L.O. 4 :** Can understand the relationship between material and form, making appropriate material choices.
- L.O. 5 :** Can create aesthetic and functional designs by experimenting with the integration of various alternative materials with ceramics.