SER-401 - CERAMIC AND MIXED MATERIALS - Güzel Sanatlar Fakültesi - SERAMİK VE 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 |
|---|---|---|---|---|---|
| 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. | 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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| 3 | * 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 research waste materials and ceramics, and select the materials to be used in their designs. | | Design application lecture. Question-answer | Students learn about the integration of waste materials with ceramics and environmental sustainability. They explore how waste materials such as glass, plastic, metal, and wood can be used | Students create ceramic designs using waste materials. They explore how different material combinations work together. |
| 4 | * 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 research waste materials and ceramics, and select the materials to be used in their designs. | | Design application lecture. Question-answer | * Plastik Sanatlar Alanında Seramik ve Cam Üzerine Yaklaşımlar 3, Akademisyen Kitabevi, p.1-7 * Plastik Sanatlar Alanında Seramik ve Cam Üzerine Yaklaşımlar 6, Akademisyen Kitabevi, p.1-13, 25-54 Students learn about the integration of waste materials with ceramics and environmental sustainability. They explore how waste materials such as glass, plastic, metal, and wood can be used | Students create ceramic designs using waste materials. They explore how different material combinations work together. |

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| 6 | * 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 research the potential for combining waste materials with ceramics and select appropriate materials. | | Design application lecture. Question-answer | * Plastik Sanatlar Alanında Seramik ve Cam Üzerine Yaklaşımlar 3, Akademisyen Kitabevi, p.1-7 * Plastik Sanatlar Alanında Seramik ve Cam Üzerine Yaklaşımlar 6, Akademisyen Kitabevi, p.1-13, 25-54 The use of waste materials in combination with ceramics will be discussed. The advantages of waste materials in terms of environmental sustainability will be emphasized. | Students will combine plastic, glass, metal, and other waste materials with ceramics to create designs. This process will help students understand material interactions. |
| 7 | * 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 materials for their projects and begin developing their designs. | | Design application lecture. Question-answer | * Plastik Sanatlar Alanında Seramik ve Cam Üzerine Yaklaşımlar 3, Akademisyen Kitabevi, p.1-7 * Plastik Sanatlar Alanında Seramik ve Cam Üzerine Yaklaşımlar 6, Akademisyen Kitabevi, p.1-13, 25-54 In-depth information on the combination of ceramic materials and waste materials is provided. This week, fundamental concepts and design principles for students' projects are explained. | Students begin their first projects using ceramics and waste materials. They work with different material combinations to create various designs. |

| Order | PreparationInfo | Laboratory | TeachingMethods | Theoretical | Practise |
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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<br>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. |
| 10 | * 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<br>Students select necessary materials for their projects and prepare by focusing on their designs.<br>Materials to be used in the projects are selected and preparation is made for the final 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. Challenges encountered in the use of waste materials and strategies to overcome them are discussed. | Students develop unique projects using ceramics and waste materials. Practical work is done on the interaction of different materials. Students work on advanced projects using ceramics and waste materials to develop their unique designs. |
| 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<br>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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| 14 | * 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<br>Finalizing the projects and making necessary arrangements for the presentation. | | Design application lecture. Question-answer | The final evaluation of projects made with ceramics and waste materials is done. Students prepare their project presentations. | Students finalize their projects and prepare for the exhibition. |

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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 |

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 | 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 :

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**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 kısıtlamaları 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 :** Kompozisyon ilkelerini, nesne ve kavrama bağlı yeni düzenlemelerde kullanabilir.

**L.O. 2 :** Tasarımlarında seramik formu, karışık malzemeler kullanarak zenginleştirebilir.

**L.O. 3 :** Tasarımlarını oluştururken kullandığı özgün fikir ve çözümleri savunabilir.

**L.O. 4 :** Tasarımlarında malzeme ve form arasındaki ilişkiyi anlayarak, doğru malzeme seçimleri yapabilir.

**L.O. 5 :** Çeşitli alternatif malzemelerin seramikle entegrasyonunu deneyerek, estetik ve fonksiyonel tasarımlar oluşturabilir.