

SER-335 - POTTERY WHEEL APPLICATIONS I - Güzel Sanatlar Fakültesi - Seramik Cam Bölümü

General Info

Objectives of the Course

The aim of this course is to equip students with the technical knowledge and skills required to produce basic ceramic forms using a traditional pottery wheel. Students will learn how to center clay, lift and thin it by hand, and transform it into symmetrical shapes. The course aims to enable the creation of cylindrical and spherical forms up to 20 cm in height and 11 cm in diameter. Topics also include basic clay preparation, development of balance and hand coordination on the wheel, as well as surface finishing techniques.

Course Contents

Centering techniques on the pottery wheel Creation of cylindrical and spherical forms (20 cm x 11 cm) Lifting, thinning, shaping Surface refinement and finishing methods Drying and preparation before firing Clay preparation and control of wheel rhythm

Recommended or Required Reading

Red and white clay Wooden throwing board Metal and kidney-shaped ribs Wire cutter Sponge Water dipper Apron Jigger board Instructor's handouts and resources

Planned Learning Activities and Teaching Methods

Hands-on workshop activities, individual practice, face-to-face technical demonstrations, group evaluation.

Recommended Optional Programme Components

Each student must bring their own apron and tools. All practical work must comply with hygiene and safety standards.

Instructor's Assistants

Workshop and research assistants providing technical support during practice sessions.

Presentation Of Course

Face-to-face, practice-based instruction in a workshop environment.

Dersi Veren Öğretim Elemanları

Dr. Öğr. Üyesi Serkan Tok

Program Outcomes

1. Can center clay on a pottery wheel.
2. Can create cylindrical and spherical shapes.
3. Can apply lifting and thinning techniques effectively.
4. Can produce basic forms with technical accuracy and symmetry.
5. Can finish and prepare wheel-thrown products according to drying and finishing stages.

Weekly Contents

Order	PreparationInfo	Laboratory TeachingMethods	Theoretical	Practise
1	Red and white clay, apron, sponge, water dipper https://dergipark.org.tr/en/download/article-file/2600073 https://tez.yok.gov.tr/UlusalTezMerkezi/tezDetay.jsp?id=L0Y22Je3MX3A33hgOaRHCg&no=U5vuV3f562Blude6Gvj2A https://www.youtube.com/watch?v=AGVNIB400ql https://www.youtube.com/watch?v=6h8NEulDpeo https://www.youtube.com/watch?v=zRRSKKLSxQE&t=19s https://www.youtube.com/watch?v=FjB7JCuhH28	Face-to-face lecture, technical demonstration, individual trial	Introduction to pottery wheel and clay preparation	Centering, wedging, and balancing on the wheel
2	Red and white clay, apron, sponge, water dipper https://dergipark.org.tr/en/download/article-file/2600073 https://tez.yok.gov.tr/UlusalTezMerkezi/tezDetay.jsp?id=L0Y22Je3MX3A33hgOaRHCg&no=U5vuV3f562Blude6Gvj2A https://www.youtube.com/watch?v=AGVNIB400ql https://www.youtube.com/watch?v=6h8NEulDpeo https://www.youtube.com/watch?v=zRRSKKLSxQE&t=19s https://www.youtube.com/watch?v=FjB7JCuhH28	Face-to-face lecture, technical demonstration, individual trial	Introduction to pottery wheel and clay preparation	Centering, wedging, and balancing on the wheel

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10	Red and white clay, apron, sponge, water dipper https://dergipark.org.tr/en/download/article-file/2600073 https://tez.yok.gov.tr/UlusalTezMerkezi/tezDetay.jsp?id=L0Y22Je3MX3A33hgOaRHCg&no=U5vuV3f562BlIude6Gvj2A https://www.youtube.com/watch?v=AGVNIB400ql https://www.youtube.com/watch?v=6h8NEulDpeo https://www.youtube.com/watch?v=zRRSKKLSxQE&t=19s https://www.youtube.com/watch?v=FjB7JCuhH28 Kneading the clay and preparing the wheel	Face-to-face lecture, technical demonstration, individual trial	Form analysis on variations of cylindrical and spherical shapes	Throwing forms of varying height and diameter on the wheel
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12	Red and white clay, apron, sponge, water dipper https://dergipark.org.tr/en/download/article-file/2600073 https://tez.yok.gov.tr/UlusalTezMerkezi/tezDetay.jsp?id=L0Y22Je3MX3A33hgOaRHCg&no=U5vuV3f562BlIude6Gvj2A https://www.youtube.com/watch?v=AGVNIB400ql https://www.youtube.com/watch?v=6h8NEulDpeo https://www.youtube.com/watch?v=zRRSKKLSxQE&t=19s https://www.youtube.com/watch?v=FjB7JCuhH28 Prepare rib, sponge, and water dipper	Face-to-face lecture, technical demonstration, individual trial	Analyzing proportion, symmetry, and balance in thrown forms	Repetitive practice of similar thrown forms
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14	Red and white clay, apron, sponge, water dipper https://dergipark.org.tr/en/download/article-file/2600073 https://tez.yok.gov.tr/UlusalTezMerkezi/tezDetay.jsp?id=L0Y22Je3MX3A33hgOaRHCg&no=U5vuV3f562BlIude6Gvj2A https://www.youtube.com/watch?v=AGVNIB400ql https://www.youtube.com/watch?v=6h8NEulDpeo https://www.youtube.com/watch?v=zRRSKKLSxQE&t=19s https://www.youtube.com/watch?v=FjB7JCuhH28 Red clay, metal ribs, and auxiliary tools	Face-to-face lecture, technical demonstration, individual trial	Combining wheel-thrown forms and detail analysis	Adding lips, handles, and other details

Order PreparationInfo**Laboratory TeachingMethods Theoretical Practise**

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Workload

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

Assesments

Activities	Weight (%)
Vize	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	5	3	4	2	3	1	2	2	2	1	5	3	2	3	2
L.O. 2	5	3	4	2	3	1	2	2	2	1	5	3	2	3	2
L.O. 3	5	3	5	2	3	1	2	2	2	1	5	3	2	3	3
L.O. 4	4	3	4	2	3	1	2	2	2	1	4	3	2	3	3
L.O. 5	4	3	5	2	3	1	2	2	2	1	5	3	2	3	3

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 :** Can center clay on a pottery wheel.
- L.O. 2 :** Can create cylindrical and spherical shapes.
- L.O. 3 :** Can apply lifting and thinning techniques effectively.
- L.O. 4 :** Can produce basic forms with technical accuracy and symmetry.
- L.O. 5 :** Can finish and prepare wheel-thrown products according to drying and finishing stages.