

# KASTAMONU UNIVERSITY

Faculty of Fine Arts and Design / Department of Ceramics and Glass [Undergraduate]

1st. TERM CLASS PLAN				
Course Code	Course Name	T+P	UK	ECTS
TSE 101	Basic Design-I	6+2	7	10
SER 101	Ceramic Shaping Methods-I	2+2	3	6
SER 103	Drawing-I	2+2	3	4
SER 105	Technical Drawing and Perspective	2+1	2,5	4
AIITL 101	History of Atatürk's Principles and Turkish Revolutions-I	2+0	2	2
YDL 105	Foreign Language-I (English)	2+0	2	2
TDL 103	Turkish Language-I	2+0	2	2
<b>Total Credit</b>		<b>18+7</b>	<b>21,5</b>	<b>30</b>

2nd. TERM CLASS PLAN				
Course Code	Course Name	T+P	UK	ECTS
TSE 102	Basic Design-II	6+2	7	10
SER 102	Ceramic Shaping Methods-II	2+2	3	6
SER 104	Ceramic Chemistry	2+0	2	2
SER 110	Drawing-II	2+2	3	4
AIITL 102	History of Atatürk's Principles and Turkish Revolutions-II	2+0	2	2
YDL 106	Foreign Language -II (English)	2+0	2	2
TDL 104	Turkish Language-II	2+0	2	2
SER 1XX	Elective Class	2+0	2	2
<b>Total Credit</b>		<b>20+6</b>	<b>23</b>	<b>30</b>

ELECTIVE COURSES				
Course Code	Course Name	T+P	UK	ECTS
SER 106	Mythology	2+0	2	2
SER 108	Product Photography	2+0	2	2

### 3rd. TERM CLASS PLAN

Course Code	Course Name	T+P	UK	ECTS
SER 201	Ceramic Design Studio-I	6+2	7	8
SER 203	Shaping with Throwing Wheel Studio-I	2+2	3	4
SER 205	Plaster Shaping and Molding Methods-I	2+2	3	5
SER 207	Ceramic Technology and Application	2+2	3	5
SER 209	Art History-I	2+0	2	2
SER 21X	Elective Class	(2+0)+(2+0)	4 (2+2)	6
<b>Total Credit</b>		<b>18+8</b>	<b>22</b>	<b>30</b>

### ELECTIVE COURSES

Course Code	Course Name	T+P	UK	ECTS
SER 211	ikonology	2+0	2	3
SER 213	Art Psychology	2+0	2	3
SER 215	Structural Design	2+0	2	3
SER 217	Exhibition Presentation Tecniquies	2+0	2	3
SER 219	Aesthetic	2+0	2	3

### 4th. TERM CLASS PLAN

Course Code	Course Name	T+P	UK	ECTS
SER 202	Ceramic Design Studio-II	6+2	7	8
SER 204	Shaping with Throwing Wheel Studio-II	2+2	3	4
SER 206	Plaster Shaping and Molding Methods-II	2+2	3	5
SER 208	Glaze Preparation and Glazing Methods	2+2	3	5
SER 210	Art History-II	2+0	2	2
SER 2XX	Elective Class	2+2	3	6
<b>Total Credit</b>		<b>16+10</b>	<b>21</b>	<b>30</b>

### ELECTIVE COURSES

Course Code	Course Name	T+P	UK	ECTS
SER 212	Ceramic Printing Techniques on the Surface	2+2	3	6
SER 214	Original Printing Techniques	2+2	3	6
SER 216	Artistic Glaze Design	2+2	3	6
SER 218	Construction and Industry Ceramic	2+2	3	6

5th. TERM CLASS PLAN				
Course Code	Course Name	T+P	UK	ECTS
SER 301	Decoration Techniques and Application Methods-I	2+2	3	4
SER 303	Ceramic Restoration and Conservation	2+1	2,5	3
SER 305	Ceramic Art History	2+0	2	2
SER 307	Computer Aided 3D Modeling	2+2	3	5
SER 309	Industrial Ceramic Design Studio-I (Major Elec.)	6+2	7	10
SER 311	Artistic Ceramic Design Studio-I (Major Elec.)	6+2	7	10
SER 3XX	Elective Class	(2+0)+(2+0)	4 (2+2)	6
<b>Total Credit</b>		<b>18+7</b>	<b>21,5</b>	<b>30</b>
ELECTIVE COURSES				
Course Code	Course Name	T+P	UK	ECTS
SER 313	Contemporary Art	2+0	2	3
SER 315	Relationship of Ceramic and Mix Material	2+0	2	3
SER 317	Development Firing and Ceramic Kilns	2+0	2	3
SER 319	Town Ceramic	2+0	2	3

6th. TERM CLASS PLAN				
Course Code	Course Name	T+P	UK	ECTS
SER 302	Decoration Techniques and Application Methods -II	2+2	3	5
SER 304	Presentation and Portfolio Design	2+0	2	3
SER 308	Art Philosophy	2+0	2	2
SER 310	Industrial Ceramic Design Studio-II (Major Elec.)	6+2	7	12
SER 312	Artistic Ceramic Design Studio-II (Major Elec.)	6+2	7	12
SER 314	History of Glass Art	2+0	2	2
SER 3XX	Elective Class	3+1	3,5	6
<b>Total Credit</b>		<b>17+5</b>	<b>19,5</b>	<b>30</b>
ELECTIVE COURSES				
Course Code	Course Name	T+P	UK	ECTS
SER 306	Surface Ceramic Design Studio	3+1	3,5	6
SER 316	Multimedia and Digital Arts	2+0	2	3
SER 318	Art Management	2+0	2	3
SER 320	Alternative Firing Methods	3+1	3,5	6

7th. TERM CLASS PLAN				
Course Code	Course Name	T+P	UK	ECTS
SER 401	Industrial Ceramic Design Graduation Project-I (Major Mand.)	6+2	7	16
SER 403	Artistic Ceramic Design Graduation Project-I (Major Mand.)	6+2	7	16
SER 407	Glass Techniques	3+1	3,5	5
SGR 401	Entrepreneurship	3+0	3	3
SER 4XX	Elective Class	3+1	3,5	6
<b>Total Credit</b>		<b>15+4</b>	<b>17</b>	<b>30</b>
ELECTIVE COURSES				
Course Code	Course Name	T+P	UK	ECTS
SER 405	Ceramic Sculpture	3+1	3,5	6
SER 409	Hot Glass Forming	3+1	3,5	6
SER 411	Cold Glass Forming	3+1	3,5	6
SER 413	Glaze Design	3+1	3,5	6

8th. TERM CLASS PLAN				
Course Code	Course Name	T+P	UK	ECTS
SER 402	Industrial Ceramic Design Graduation Project-I (Major Mand.)	6+2	7	16
SER 404	Artistic Ceramic Design Graduation Project-I (Major Mand.)	6+2	7	16
SER 410	Glass Design Studio	3+1	3,5	6
SER 412	Contemporary Ceramic Art	2+0	2	2
SER 4XX	Elective Class	3+1	3,5	6
<b>Total Credit</b>		<b>14+7</b>	<b>16</b>	<b>30</b>
ELECTIVE COURSES				
Course Code	Course Name	T+P	UK	ECTS
SER 406	Computer Aided Ceramic Design	3+1	3,5	6
SER 408	Glass Forming	3+1	3,5	6
SER 414	Technical Decor Applications	3+1	3,5	6

**KASTAMONU UNIVERSITY**  
**FINE ARTS and DESIGN FACULTY**  
**CERAMIC AND GLASS DEPARTMENT COURSES and CONTENTS**

**Freshman - 1st. Semester**

**TSE 101 - BASIC DESIGN-I (6-2) 7**

Development of original expressions of expression based on imagination and creativity in order to grasp basic art and design concepts, visual thinking logic and selective attention and basic principles of plastic form. To give basic principles and principles of creativity such as composition, color, form, light-shade, depth, surface arrangement, structure study, big and small relationship building.

**SER 101 - CERAMIC SHAPING METHODS-I (2-2) 3**

The starting material and the foundation of ceramics education are introduced and the methods of forming clay are taught. (Teaching pinch, wick, plate, mass forming, freeforming and other shaping methods) It is the content of this lesson that the teacher uses the shaping direction that the ceramic form design student chooses in connection with the technical characteristics of the material.

**SER 103 - DRAWING-I (2-2) 3**

The basic elements and principles related to drawing are handled in the context of living and lifeless figures. To be able to transfer a visible object onto a two-dimensional surface in three dimensions and to try to grasp the basic elements such as objenin ratios, composition, figure-space, ratio-ratio, light-shadow relation and completeness with applied studies and artist examples.

**SER 105 - TECHNICAL DRAWING AND PERSPECTIVE (2-1) 2,5**

A ceramic product or form is drawn and scaled with technical drawing rules. Teaching of all drawing forms showing top, side and frontal views of three dimensional ceramic forms like teapot, vase according to technical and perspective rules constitute the content of this course.

**AIITL 101 - HISTORY OF ATATURK'S PRINCIPLES AND REVOLUTIONS-I (2-0) 2**

This course aims to teach the basic qualities of the Republic by examining the works of Atatürk and to teach the attainments of the Atatürk principles by teaching the acquired achievements and also to teach the political developments experienced in the completion of the Turkish Revolution and the establishment process of the new state. In addition to this, another aim of the course is to teach Atatürk's revolution in political and social areas to the students.

### **YDL 105 - FOREIGN LANGUAGE-I (ENGLISH) (2-0) 2**

In the direction of communicative approach in English teaching, it is aimed to develop basic speaking and understanding skills of learners with student-centered techniques, to form vocabulary and to master the grammar.

### **TDL 103 - TURKISH LANGUAGE-I (2-0) 2**

The characteristics of Turkish in terms of structure and meaning, basic works, expressing themselves in society, correct and effective ways of using language are gained.

## **Freshman - 2nd. Semester**

### **TSE 102 - BASIC DESIGN-II (6-2) 7**

It is the upper level of Basic Design-I course. In addition to a variety of materials to make use of the new expression possibilities of today's technology by making studies to gain aesthetic skills. Visual and conceptual thought is to gain abilities and experience of transferring abstraction skills to plastic language. The ability to transform any selected day-to-day object into an art object through two or three dimensions through a variety of materials.

### **SER 102 - CERAMIC SHAPING METHODS-II (2-2) 3**

Ceramic Shaping Methods-I is the upper level of the course. It aims to make unique designs within ceramic application areas and to create knowledge and skill to transform these designs into three dimensions by using various shaping methods.

### **SER 104 - CERAMIC CHEMISTRY (2-0) 2**

It is aimed to give basic information about ceramic chemistry and to define the raw materials which constitute ceramics and glaze.

### **SER 110 - DRAWING-II (2-2) 3**

It is the continuation of Design-I course. The aim of this course is to discuss the basic elements and principles of design in the context of living and lifeless figures. To convey the significance of the pattern which forms the basis of art education and which we can also call as a language in itself, and in particular to provide a three-dimensional transfer of a visible object on a two-dimensional surface. In doing so, basic elements such as objenin ratios, composition, figure-space, ratio-proportion, light-shadow relation and integrity are tried to be grasped with practical works and examples of artists.

### **AHITL 102 - HISTORY OF ATATURK'S PRINCIPLES AND REVOLUTIONS-II (2-0) 2**

It is the continuation of Atatürk's Principles and Revolutions History-I course. This course aims to teach the basic qualities of the Republic by examining the works of Atatürk and to teach the attainments of the Atatürk principles by teaching the acquired achievements and also to teach the political developments experienced in the completion of the Turkish Revolution and the establishment process of the new state. In addition to this, another aim of the course is to teach Atatürk's revolution in political and social areas to the students.

### **YDL 106 - FOREIGN LANGUAGE -II (ENGLISH) (2-0) 2**

It is the continuation of Basic English-I (English) course. In the direction of communicative approach in English teaching, it is aimed to develop basic speaking and understanding skills of learners with student-centered techniques, to form vocabulary and to master the grammar.

### **TDL 104 - TURKISH LANGUAGE -II (2-0) 2**

It is the continuation of the Turkish Language-I course. The features of Turkish in terms of structure and meaning, basic works, expressing themselves in society, correct and effective ways of using language are gained.

## **Freshman - 2nd. Semester** **Department Elective Courses**

### **SER 106 - MYTHOLOGY (2-0) 2**

Issues related to the mythological elements in the works of art are discussed. It is aimed to teach the events in mythological characters and the symbolic forms of the heroes.

### **SER 108 - PRODUCT PHOTOGRAPHY (2-0) 2**

In this lecture, it is aimed that students learn photographs, photoshop program and make necessary corrections on photography by observing a ceramic product, space and light.

## **Sophomore - 3rd. Semester**

### **SER 201 - CERAMIC DESIGN STUDIO-I (6-2) 7**

The aim of this course is to form an original design with clay that is designed in accordance with the functionality and ergonomics.

### **SER 203 - SHAPING WITH THROWING WHEEL STUDIO-I (2-2) 3**

It is aimed to improve the ability of the student to use ceramic throwing wheel and throwing clay.

### **SER 205 - PLASTER SHAPING AND MOLDING METHODS-I (2-2) 3**

The aim of the course is to teach mold and mold preparation methods by introducing mold types and to teach them theoretically.

### **SER 207 - CERAMIC TECHNOLOGY AND APPLICATION (2-2) 3**

It is expected that students will be able to learn raw materials and clay types used in ceramics, learn about production processes, laboratory equipments, ovens, all other tools used in technology. The main aim of this course is to teach the structure of clay, which is used in ceramic art and industry, to teach types of clay, to form clay, to dry, to cook and to grind. Explanation of the experiments applied to the raw materials that make ceramics and ceramics.

### **SER 209 - ART HISTORY-I (2-0) 2**

Beginning from the Paleolithic period where the first paintings and sculptures are seen, the prehistoric ages, Mesopotamia and civilizations that stand out in the Anatolian geography will be discussed chronologically. Paleolithic, Mesolithic, Neolithic, Chalcolithic, Bronze Age, Iron Age, Mesopotamian Civilizations, Sumerians, Akkadians, Civilization and Lycian Civilization will be examined. Geographical conditions and boundaries, political histories, habitats, lifestyles, cultures and systems of beliefs will be examined. How the civilizations mentioned will be reflected in the process of formation and development of works of art with understanding of art.



**Sophomore - 3rd. Semester**  
**Department Elective Courses**

**SER 211 - IKONOLOGY (2-0) 2**

It is aimed to be able to define the subjects in figurative narrative artworks which cover a wide range of art works such as daily life sacred books and mythology based on iconographic analysis and iconological interpretation method. Christianity and Islamic iconography are tried to be explained based on first hand sources. The student is aimed to gain the ability to perform the determinations on these subjects in a healthy way through the works of art.

**SER 213 - ART PSYCHOLOGY (2-0) 2**

Students will be able to review the works, and the interpretation of the artist's psychological situation in relation to the psychology of the perceiver.

**SER 215 - STRUCTURAL DESIGN (2-0) 2**

It is aimed that the students can calculate the ceramic raw materials and components in terms of chemical and mineralogical aspects and form the constitutional prescription. In addition, physical, chemical and mineralogical tests are made on the clay structure prepared by the student.

**SER 217 - EXHIBITION PRESENTATION TECHNIQUES (2-0) 2**

The concept of the importance of exhibition presentation techniques and display of students, the ability of evaluating exhibition applications can be improved; Having knowledge about the exhibitions held in the national and international arenas; By using electronic media, fair-exhibition etc. To follow the activities constitutes the content of this course.

**SER 219 - AESTHETICS (2-0) 2**

To create a comprehensive debate on the concepts of art, artist and work by following the phases of emergence of an aesthetic as an independent discipline and contributing to students' artistic production processes in a thoughtful way. The aesthetics of the 18th century as an independent discipline will be taught through the history of Western thought since the Antiquity.

## **Sophomore - 4th. Semester**

### **SER 202 - CERAMIC DESIGN STUDIO-II (6-2)7**

It is the upper level of Ceramic Design Studio-I course. It is aimed to transform the original design of the student into a three-dimensional or relieving application by using one of the appropriate shaping methods.

### **SER 204 - SHAPING WITH THROWING WHEEL-II (2-2) 3**

To gain the ability to form using ceramic throwing wheel and to create artistic and artistic designs with this power.

### **SER 206 - PLASTER SHAPING AND MOLDING METHODS-II (2-2) 3**

It is the upper level of Plaster Forming and Molding Methods-I course. Model and mold preparation methods are taught practically and theoretically with plaster which is one of the auxiliary materials for ceramic shaping and serial production of a suitable product is realized.

### **SER 208 - GLAZE PREPARATION AND GLAZING METHODS (2-2) 3**

The student introduces the glaze material and provides practical application of secrets and different glazing techniques. The aim of the course is to make the definition of ceramic glazes, to teach the formula of ceramics glazes, to teach the properties of oxides, to teach Seger formula calculations, to introduce glaze methods and to apply secrets to experimental plates in order to have basic knowledge about ceramic glazes.

### **SER 210 - ART HISTORY-II (2-0) 2**

Hellenistic, Greek, Roman and Cretan civilizations and art works are introduced. The sources, causes, sociological, political and philosophical bases of the artistic production process up to the 19th century art movements and the contemporary period together with Medieval Art and Renaissance in the West are taken into consideration and this process is continuously observed and evaluated comparatively with the examples intended.

**Sophomore - 4th. Semester**  
**Department Elective Courses**

**SER 212 - CERAMIC PRINTING TECHNIQUES ON THE SURFACE (2-2) 3**

Various printing techniques made on ceramic surfaces are examined with examples and the application of the printing technique which is deemed suitable on a specific form designed by the student constitutes the content of this course.

**SER 214 - ORIGINAL PRINTING TECHNIQUES (2-2) 3**

The aim of the course is to provide students with the ability to use original printing techniques and to make their designs presentation with this technique.

**SER 216 - ARTISTIC GLAZE DESIGN (2-2) 3**

It is aimed to develop glazes in parallel with the theoretical researches related to the artistic glaze determined by the student and apply it to the three dimensional forms in order to have knowledge and skill about the classification of glazes and artistic glazes.

**SER 218 - CONSTRUCTION AND INDUSTRY CERAMIC (2-2) 3**

It includes processes for designing and implementing similar artistic works such as panels, ceramic furniture or sculpture to add aesthetic value to the interior and exterior facades of architectural structures. As industrial ceramics, it is expected that the electro-porcelain group materials will be able to equip the alternative coating materials (such as bricks and tiles) with plastic and aesthetic evaluation ability at the same time.

**Junior - 5th. Semester**

**SER 301 - DECORATION TECHNIQUES AND APPLICATION METHODS-I (2-2) 3**

General information about ceramic decorations is given, decor methods are examined. The various decorations and methods of application of the surface or slurry in this derste student's ceramic design before firing are discussed theoretically and practically. It is also aimed to design students 'decor by showing the tops, backs and ladies' decorations. It is aimed to gain knowledge and skills related to this subject. After the technical concept, projects are developed with original and creative designs.

### **SER 303 - CERAMIC RESTORATION AND CONSERVATION (2-1) 2,5**

In this class restoration and conservation methods and techniques are taught theoretically through completed archaeological ceramics finds. Conservation and restoration applications are made.

### **SER 305 - CERAMIC ART HISTORY (2-0) 2**

Various finds such as ceramics, pottery, terracotta or sculpture that have existed since the Palaeolithic times will be examined in the context of geography and civilizations. It is aimed to inform about the history of ceramics art through the changes, developments and styles created by ceramic production. The comparative analysis of ceramic samples by questioning the reasons affecting and developing 15-16 century ceramic production in Anatolia and Europe. Describing the history and technique of the Italian Maiolicas. Examination of the ceramics in the Chinese culture and history which is the pioneer of porcelain production in the world, ceramics which are considered as world cultural heritage, examples of ceramics production in 19th century European public art. Establishment of Yıldız Porcelain Factory and formation of Ceramic Sector in our country.

### **SER 307 - COMPUTER AIDED 3D (THREE DIMENSIONAL) MODELING (2-2) 3**

This course consists of two-dimensional and three-dimensional design of a ceramic product design for the use of artistic or practical use which the student has created by examining the menu and icons on the computer environment with examples.

### **SER 309 - INDUSTRIAL CERAMIC DESIGN STUDIO-I (Major Elective Course) (6-2) 7**

The student will be asked to design an industrial ceramic form. It is aimed to be a product that is both serial and ergonomic, as well as functional and ergonomic.

### **SER 311 - ARTISTIC CERAMIC DESIGN STUDIO-I (Major Elective Course) (6-2) 7**

The aim of this course is to enable the student to have the ability to produce his own original design art object in the direction of a theme determined each year by using his knowledge and skill in basic shaping and design and to plan and manage the process from design to production stage and final product.

**Junior - 5th. Semester**  
**Department Elective Courses**

**SER 313 - CONTEMPORARY ART (2-0) 2**

It is the content of this course to gain the ability to criticize and analyze the opinions of the learner about the contemporary art, either through the media or by observation on the spot.

**SER 315 - RELATIONSHIP OF CERAMIC AND MIXED MATERIAL (2-0) 2**

The examples in which mixed materials are used in ceramic works are examined. It is aimed to design and apply artistic form by associating different materials (glass, metal, wood, textile etc.) with ceramics.

**SER 317 - DEVELOPMENT OF FIRING AND CERAMIC KILNS (2-0) 2**

The aim of this course is to teach students the firing which is the most important step of ceramic production, the development over time, the development of ceramic kilns depending on technical progress and the formal and functional differences of ceramic kilns. In ceramic production, knowledge of the historical development of firing. It is expected that they have knowledge about the historical development of firing kilns, have knowledge about the formal and functional differences of kilns, have knowledge about effects of kilns construction and firing method on ceramic objects, and have knowledge about special and experimental kilns.

**SER 319 - TOWN CERAMIC (2-0) 2**

It is aimed to make big scale sculpture and yard panel applications in relation to urban architecture with emphasis on important examples of urban ceramics in today's and historical process.

**Junior - 6th. Semester**

**SER 302 - DECORATION TECHNIQUES AND APPLICATION METHODS-II (2-2) 3**

It is the upper level of Decorating Techniques and Application Methods-I course. General information about ceramic decorations is given, decor methods are examined. Luster, Terra Sigilata, lining and brush decorations are displayed in various decorations to show the student is intended to make the decor.

### **SER 304 - PRESENTATION AND PORTFOLIO DESIGN (2-0) 2**

It is aimed to be able to make a catalog of the designed product or artwork, to prepare the student's business applications, post-graduate education, portfolio and CV requested in applications for study abroad. It is also an essay that aims to give the ability to explain various presentation techniques such as presentations and conference texts with computer support.

### **SER 308 - ART PHILOSOPHY (2-0) 2**

Learning of the basic concepts and problems of the art philosophy of the teacher, historical and philosophical depths will be provided to examine the works through these concepts. It is aimed to think about the work in the context of the perception of beautiful and beautiful and also to relate the works to the philosophy of their period.

### **SER 310 - INDUSTRIAL CERAMIC DESIGN STUDIO-II (Major Elective Course) (6-2) 7**

It is the upper level of Industrial Ceramic Design studio -I course. The aim of the course is to create original designs by considering form, function, aesthetics, ergonomics and design principles in the field of industrial ceramics and to realize the production of these designs.

### **SER 312 - ARTISTIC CERAMIC DESIGN STUDIO-II (Major Elective Course) (6-2) 7**

It is the upper level of the Artistic Ceramic Design studio -I course. The aim of this course is to enable the student to have the ability to produce his own original design art object in the direction of a theme determined each year by using his knowledge and skill in basic shaping and design and to plan and manage the process from design to production stage and final product.

### **SER 314 - HISTORY OF GLASS ART (2-0) 2**

B.C. Since the year 5000, From Assyrian, Mesopotamian, Egypt, Rome, Europe and Anatolia, reaching to the present day, through glass objects and artifacts are given information about the history of glass art.

## **Junior - 6th. Semester** **Department Elective Courses**

### **SER 306 - SURFACE CERAMIC DESIGN STUDIO (3-1) 3,5**

As a method, it is aimed to design and apply modular ceramic panels for artistic purposes to be exhibited in the interior and exterior of this course, where plaster mold shaping can be used.

### **SER 316 - MULTIMEDIA AND DIGITAL ARTS (2-0) 2**

It is the content of this course that enables the learner to follow the art works and activities related to multimedia and digital arts.

### **SER 318 - ART MANAGEMENT (2-0) 2**

It is the content of this course to educate professionals who have the ability to transform art into an economic and cultural value by evaluating a specific product in order to operate artistic products and contribute to the development of the art market.

### **SER 320 - ALTERNATIVE FIRING METHODS (3-1) 3,5**

Sagar, Raku, Smoked, Obvora, lüster aims to introduce students to alternative cooking techniques.

## **Senior - 7th. Semester**

### **SER 401 - INDUSTRIAL CERAMIC DESIGN GRADUATION PROJECT-I (Major Mandatory Course) (6-2) 7**

Student will be able to design tableware and ornaments (dinner set, tea / coffee set, spice rack etc.) related to industrial area. design; research, sketching, technical drawing, computer design and model models can be made of such stages. Approved design is applied.

### **SER 403 - ARTISTIC CERAMIC DESIGN GRADUATION PROJECT-I (Major Mandatory Course) (6-2) 7**

Students will be able to use free shaping methods to tell concepts, stories, topics, events, phenomena, etc. designs ceramic forms (such as Panel Sculpture etc.) based on themes. design; research, sketching, technical drawing, computer design and model models can be made of such stages. The application stage of the approved design starts.

### **SER 407 - GLASS TECHNIQUES (3-1) 3,5**

This course aim is glass forming methods, materials and application processes. Glass forming techniques such as Internal Mold Method, Molding, Hot Glass Forming, Pressing, Oven Forming, Cold Glass Forming, Glass Yarn, Cutting, Etching are transferred to the student theoretically and practically.

### **SGR 401 - ENTREPRENEURSHIP-I (3-0) 3**

The focus of this course is entrepreneurship. Therefore, the nature of the environment in which an entrepreneur works is characterized by the characteristics of a manager and an entrepreneurial manager. In addition, how entrepreneurs think about a new job creation and their approach to the subject will be handled. With this lesson, students will learn what resources are needed for an initiative and how to get them. The course will enable students to familiarize themselves with the different work environments in which entrepreneurs work, as well as to ask themselves questions about what kind of role entrepreneurship will play in their careers.

## **Junior - 7th. Semester** **Department Elective Courses**

### **SER 405 - CERAMIC SCULPTURE (3-1) 3,5**

It aims to demonstrate the ability to produce original design and art objects with advanced art culture and aesthetics in accordance with a determined theme every year by using knowledge and skill in shaping and design. Ceramic sculpture design; to form the basis of the students' intellectual infrastructures and to present and express their intellectual subordinates, and to apply them as an artwork.

### **SER 409 - HOT GLASS FORMING (3-1) 3,5**

Free forming, blowing, sand casting and other artistic forming methods which are hot glass forming methods are shown in theoretical and practical way. Students will be able to design and apply the content of this course.

### **SER 411 - COLD GLASS FORMING (3-1) 3,5**

It is aimed to gain the ability to produce artistic glass works by cutting, carving, abrading, polishing and combining glass.

### **SER 413 - GLAZE DESIGN (3-1) 3,5**

In accordance with the information previously obtained, the student creates recipes for effective glazes and aims to apply them.



## **Senior - 8th. Semester**

### **SER 402 - INDUSTRIAL CERAMIC DESIGN GRADUATION PROJECT-II (Major Mandatory Course) (6-2) 7**

Student will be able to design sanitaryware (sanitary ware such as washbasin, closet, bathtub, etc.) related to industrial area. design; research, sketching, technical drawing, computer design and model models can be made of such stages. Approved design is applied.

### **SER 404 - ARTISTIC CERAMIC DESIGN GRADUATION PROJECT-II (Major Mandatory Course) (6-2) 7**

The student designs the forms or forms (Board, Sculpture etc.) suitable for the given space by using free shaping methods. design; research, sketching, technical drawing, computer design and model models can be made of such stages. The application stage of the approved design starts.

### **SER 410 - GLASS DESIGN STUDIO (3-1) 3,5**

This course; The aim of this course is to teach and apply the points to be taken into consideration while designing the product with glass material, the transition from design to application process, production stages through stained glass and furnace forming techniques, fusion, precipitation and pate de verre.

### **SER 412 - CONTEMPORARY CERAMIC ART (2-0) 2**

This course is designed for students; the development of contemporary ceramics in the world, the pioneering ceramics artists and the ceramic artists who are prominent in their art today. At the same time, it aims to give students the ability to conduct research on their fields, to present their researches to the audience, and to follow current developments in their field.

## **Junior - 8th. Semester** **Department Elective Courses**

### **SER 406 - COMPUTER AIDED CERAMIC DESIGN (3-1) 3,5**

The aim of this course is to teach the students how to design ceramics forms and décor using design software and also to gain the ability to create unique designs and manufacturable industrial products through these methods.

**SER 408 - GLASS FORMING (3-1) 3,5**

This course; The aim of the course is to provide the students with the knowledge and skills to make the product design with glass material, the application stages in the transition from design to production, and the applications that will be done through lampworking and furnace casting techniques.

**SER 414 - TECHNICAL DECOR APPLICATIONS (3-1) 3,5**

In this Class student 's ceramic design, pre - firing, decorations based on the color of the surface or mud body, special surface applications such as mocha diffusion, screen printing etc. alternative printing techniques are studied theoretically and practically. It is aimed to gain knowledge and skills related to this subject. After the technical concept, projects are developed with original and creative designs.