

## INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN COURSE DESCRIPTIONS

### 1. Semester

#### **İÇM101 – PRESENTATION TECHNIQUES I (RENDERİNG I)**

It is aimed To create a "Basic Art" formation, which is necessary for improving the ability of creativity and design, right vision, perceiving 3D in the beginning of education, superposition of plastic art concepts to professional subjects and solving aesthetic problems, to apply surface, space and object samples with different techniques and dyes in practice.

#### **İÇM103 – PROJECT INTRODUCTION I**

It is aimed to teach basic information about space, design, design action and space parts.

#### **İÇM107 – DESIGN HISTORY**

From the beginning to the 19th century, the interior and the stages of furniture, space, formal features in furniture and complementary items and development of production technology are emphasized.

#### **İÇM111 – CONSTRUCTION KNOWLEDGE I**

It is aimed to give general information about the basic concepts of structure and structure and information about the structure and detail of the interior space shell to the interior architect candidate who will arrange the interior space.

#### **İÇM121 – TECHNICAL DRAWING AND DESIGN GEOMETRY I**

It is aimed to give technical rules and information about the drawings that the interior architecture students will make during their professional studies. It is aimed to be able to master the geometry and geometric substructure of all designs. This course is the first step in the interior architecture profession. It focuses on defining the existing spaces and determining the elements that will form the design data.

#### **İÇM141 – DESIGN AND SPACE PERCEPTION I**

To teach the concept of space and design and to introduce the spaces that humanity has brought to the stage in civilization process with examples. The students examine and document the examples of space and space components that are effective in the living environment.

#### **İNG101 - ENGLISH I**

Course literature.

### 2. Semester

#### **İÇM102 - PRESENTATION TECHNIQUES II (RENDERİNG II)**

It aims to teach the ability of interior architecture students to describe designs in three dimensions and methods of expression.

### **İÇM104 – PROJECT INTRODUCTION II**

It is aimed to design a residential space to be given in the framework of basic information taught in Introduction to Project I course.

### **İÇM112 – CONSTRUCTION KNOWLEDGE II**

It is aimed to give general information about the basic concepts of structure and structure and information about the structure and detail of the interior space shell to the interior architect candidate who will arrange the interior space.

### **İÇM116 – MATERIAL**

Material course includes examining the behavior of the material against force effects and classification of the material according to the internal structure properties. Course includes to determine measures to be taken against heat, water, sound, sun, fire and corrosion in the space. It includes the definition, classification and properties of natural and artificial materials. It includes determination of the places of use in interior design and furniture design.

### **İÇM122 - TECHNICAL DRAWING AND DESIGN GEOMETRY II**

It is aimed to give technical rules and information about the drawings that the interior architecture students will make during their professional studies. It is aimed to be able to master the geometry and geometric substructure of all designs. This course is the first step in the interior architecture profession. It focuses on defining the existing spaces and determining the elements that will form the design data.

### **İÇM142 - DESIGN AND SPACE PERCEPTION II**

Course includes the concept of housing , factors that affect the location and use of space components. The course aims to equip students with the ability to construct volumetric and planar relationships. It aims to state fiction through narrative techniques.

### **İNG102 - ENGLISH II**

Course literature.

## **3. Semester**

### **ATA101 – ATATURK’S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION I**

Atatürk's Principles and History of Turkish Revolution Revolution aims to introduce the following subjects/concepts: The meaning of concepts such as revolution, reform, political reforms and constitutional monarchy; the similarities and differences between the concepts, the historical examples of these concepts and the analysis of the examples according to the contents of the concepts. In the context of recognizing the historical bases of the Turkish Revolution; the crisis of the Ottoman Empire, the internal and external dynamics that affected this crisis, the analysis of the dynamics and their effects on the Turkish Revolution. Efforts to modernize the Ottoman Empire in order to preserve its existence; political reforms, reforms and constitutional processes within the scope of these efforts; the subconscious structure of the modernization process and Ottomanism, Islamism, Turkism and Westernism in this context; effects of these intellectual movements on the Turkish Revolution and today. The dissolution process of the Ottoman Empire; political, social, economic and cultural dynamics that were effective in this process; The Tripoli War, the Balkan Wars, the First World War and the

Mondros Armistice in the process of dissolution. "The Eastern Question" in the Ottoman period and during the transition to the Republic; the emergence of this subject; the politics of the states in the scope of this issue, the implications of these policies on the Ottoman Empire and "The Eastern Question" during the transition period to Republic / in the first years of the Republic. Developments after the signing of the Mondros Armistice; Anatolian occupations, reactions to occupations and the first organizations in the National Struggle; Redd-i İlhak (denial of annexation) and national sentiments shaped around this concept; the effects of these occupations on the emergence of the National Struggle and the Kuva-yı Millîye (national forces), the spirit of the National Struggle; Mustafa Kemal and his leadership in the process; the state of the country and the reaction of Mustafa Kemal Pasha against the occupations; Mustafa Kemal's quest for a political solution to occupations and political / intellectual activities in Istanbul; Mustafa Kemal Pasha's disembarking at Samsun. The first step for the National Struggle is organizing through congresses: Amasya, Erzurum and Sivas congresses. The emergence of the Misak-ı Milli (national pact) text, the elements that make up this text, the legal status of the text. The place of the text of the national pact in the establishment of the Republic of Turkey and its place and importance in the internal and external politics of the Republic of Turkey today.

#### **İÇM201 - PROJECT I**

It involves teaching methods of research, evaluation and realization within the design process.

#### **İÇM205 - DETAIL ANALYSIS I**

Introducing the concept of fine structure to students, introduction of fine structure elements and materials, examination of detailing systems and methods, application principles.

#### **İÇM207 – FREE HAND PERSPECTIVE**

It involves co-ordination of idea and ability and the reflection of the generated ideas on paper without using drawing tools, the correct scale and perspective sketching.

#### **İÇM209 – COMPUTER DESIGN I**

Within the scope of the course; It is aims to provide basic knowledge and principles for using AutoCAD drawing program in preparation and presentation of interior architectural projects for people with basic computer usage knowledge.

#### **TDB101 – TURKISH LANGUAGE I**

It is aims to be able to comprehend the structure and functioning characteristics of main language of each young person that has completed higher education, to gain the ability to use Turkish language properly and correctly as a means of written and oral expression, to make a unifying and integrative language in education, to educate young people with main language consciousness.

### **4. Semester**

#### **ATA102 – ATATURK'S PRINCIPLES AND HISTORY OF TURKISH REVOLUTION II**

Atatürk's Principles and History of Turkish Revolution Revolution aims to introduce the following subjects/concepts: The meaning of concepts such as revolution, reform, political reforms and constitutional monarchy; the similarities and differences between the concepts, the historical

examples of these concepts and the analysis of the examples according to the contents of the concepts. In the context of recognizing the historical bases of the Turkish Revolution; the crisis of the Ottoman Empire, the internal and external dynamics that affected this crisis, the analysis of the dynamics and their effects on the Turkish Revolution. Efforts to modernize the Ottoman Empire in order to preserve its existence; political reforms, reforms and constitutional processes within the scope of these efforts; the subconscious structure of the modernization process and Ottomanism, Islamism, Turkism and Westernism in this context; effects of these intellectual movements on the Turkish Revolution and today. The dissolution process of the Ottoman Empire; political, social, economic and cultural dynamics that were effective in this process; The Tripoli War, the Balkan Wars, the First World War and the Mondros Armistice in the process of dissolution. "The Eastern Question" in the Ottoman period and during the transition to the Republic; the emergence of this subject; the politics of the states in the scope of this issue, the implications of these policies on the Ottoman Empire and "The Eastern Question" during the transition period to Republic / in the first years of the Republic. Developments after the signing of the Mondros Armistice; Anatolian occupations, reactions to occupations and the first organizations in the National Struggle; Redd-i İlhak (denial of annexation) and national sentiments shaped around this concept; the effects of these occupations on the emergence of the National Struggle and the Kuva-yı Millîye (national forces), the spirit of the National Struggle; Mustafa Kemal and his leadership in the process; the state of the country and the reaction of Mustafa Kemal Pasha against the occupations; Mustafa Kemal's quest for a political solution to occupations and political / intellectual activities in Istanbul; Mustafa Kemal Pasha's disembarking at Samsun. The first step for the National Struggle is organizing through congresses: Amasya, Erzurum and Sivas congresses. The emergence of the Misak-ı Milli (national pact) text, the elements that make up this text, the legal status of the text. The place of the text of the national pact in the establishment of the Republic of Turkey and its place and importance in the internal and external politics of the Republic of Turkey today.

#### **İÇM202 - PROJECT II**

It involves teaching methods of research, evaluation and realization within the design process.

#### **İÇM205 - DETAIL ANALYSIS II**

It includes to acquire knowledge and skill about fine structure detail design, to make drawings about the topics explained for reinforcing theoretic knowledge, to handle possibilities encountered in practice and to produce solutions.

#### **İÇM208 – PERSPECTIVE**

It involves co-ordination of idea and ability and the reflection of the generated ideas on paper without using drawing tools, the correct scale and perspective sketching.

#### **İÇM210 – COMPUTER DESIGN II**

This course includes the practical transfer of basic knowledge, methods and principles necessary for the preparation of 3D visualizations frequently used in presentation of Interior Architectural Projects using the AutoCAD drawing program.

#### **TDB102 – TURKISH LANGUAGE II**

It aims to be able to comprehend the structure and functioning characteristics of main language of each young person that has completed higher education, to gain the ability to use Turkish language properly and correctly as a means of written and oral expression, to make a unifying and integrative language in education, to educate young people with main language consciousness.

## **5. Semester**

### **İÇM301 - PROJECT III**

It involves teaching methods of research, evaluation and realization within the design process.

### **İÇM307 – STRUCTURE**

It is aimed to give structure information and to apply this information to the space.

## **6. Semester**

### **İÇM302 - PROJECT IV**

It involves teaching methods of research, evaluation and realization within the design process.

### **İÇM308 – IMPLEMENTATION PROJECT I**

This course includes learning about measurement, material knowledge, standards and techniques on the project.

### **İÇM312 - RÖLÖVE-RESTORATION**

It includes explaining the concept of architectural rölöve and its application methods, drawing the rölöve plans of a space, drawing details on various scales. It also includes the transfer of information about the problems encountered by Immovable Cultural Assets, the causes of these problems and protection solutions.

## **7. Semester**

### **İÇM401 - PROJECT V**

It involves teaching methods of research, evaluation and realization within the design process.

### **İÇM403 – CONSTRUCTION COST**

The influence of the design process on the concepts of investment, economy, and cost are examined. The creation of the first and second exploration summaries of a construction project is described step by step. General information are given about basic concepts related to construction management, structure production process and general documents about the process.

### **İÇM407 - IMPLEMENTATION PROJECT II**

This includes analysis and presentation of 1/10, 1/5 and 1/1 details of the project prepared in Implementation Project I.

## **8. Semester**

### **İÇM310 – COMPUTER PRESENTATION TECHNIQUES**

It includes the techniques to be applied for stating the project obtained by drawing programs in computer environment.

## **İÇM498 - FINAL PROJECT**

Final project includes to ensure that large-scale projects are properly analyzed from every aspect, combined with a unique approach and a professional attitude.

### **Elective Major Area Courses**

#### **LIGHTING TECHNIQUES**

The developments in lighting technology, the use of lighting techniques, related problems and precautions to be taken in this context are emphasized. It covers the examination of the aesthetic and economic dimensions of lighting systems and the integration of light designs in detail with spaces.

#### **CORPORATE IDENTITY AND CORPORATE DESIGN**

It emphasizes the role of visual identity and visual design in corporate design.

#### **FORM EFFECT OF MATERIAL IN OBJECT FUNCTION RELATIONSHIP**

It includes the determination of the effect that the material has made on the symbolic and aesthetic functions of the object as well as the practical function of the object.

#### **UNIVERSAL DESIGN PRINCIPLES**

The goal of the Universal Design concept is to develop the theory, principles and solutions that allow all groups of users to use the same physical solutions as possible. This course aims to provide understanding of the concept of universal design which removes discrimination and inequality among users.

#### **DISABILITY AND LEGAL APPROACH TO ARCHITECTURE**

It is intended to inform architects about the legal and criminal responsibilities of the building in relation to its suitability for use.

#### **CERAMIC, BUILDING CHEMICALS AND GLASS MOSAIC IMPLEMENTATIONS IN INTERIOR ARCHITECTURE**

Technological developments have revealed the importance of brain power instead of muscle strength. Commenting on the use of information, using and producing new technologies the need of people have revealed. This course is designed to prevent undesirable consequences, especially due to lack of knowledge and skills.

#### **MODEL**

It includes modeling of places and furniture at the right ratio and scale.

#### **PRESENTATION TECHNIQUES**

It aims to give artistic expression to project and presentations with correct and effective use of color and light.

#### **EXPERIMENTAL DESIGN**

It is aimed to increase the creativity potential of students in interior design and implementations and to produce experimental idea projects by examining different design methods from theoretic perspectives.

#### **DESIGN PRINCIPLES AND SPACE**

It is aimed to give information about how to put the main design principles into practice rather than the theory.

### **USE IN SPACE DESIGN OF FORM PERCEPTION RELATIONSHIP**

It includes determining how the elements affecting the perception of the affect the spaces.

### **ARTIFICIAL LIGHT CONTROL IN INTERIOR ARCHITECTURE**

It is aimed to explain the control of artificial light sources and lighting systems used interior space through comprehensive technical information and applied examples.

### **DESIGN THEORY**

The concept of design and the act of designing are discussed and re-read in the perspective of disciplines such as philosophy, sociology and psychology.

### **ARTIFICIAL LIGHT USAGE IN INTERIOR ARCHITECTURE**

Artificial light production methods, introduction of artificial light sources, usage of artificial light in interior space, giving technical information according to user / function properties were explained through applied examples.

### **ECOLOGICAL AND SUSTAINABLE DESIGN PRINCIPLES**

Development, components and basic design principles of ecological and sustainable design concepts are examined. It is aimed to increase the sensitivity and existing knowledge of ecological and sustainable design issues.

### **MATERIAL IN CONTEMPORARY SPACE**

It includes the examination of artificial and composite materials within the framework of contemporary space understanding and classification of materials and their properties.

### **ACOUSTIC**

It is aimed to inform the students about the design of the applications which are designed to hear the desired voices in any interior space and not to hear the unwanted voices.

### **SPECIAL LIGHTING IN STRUCTURES**

The course focuses on studying the lighting techniques in relation to the types of spaces, examining the effects of interior lighting on the developments in lighting technology, examining the economic and aesthetic dimensions of lighting systems and ensuring the integration of light designs with spaces, and ensuring sustainability and effective energy use in lighting design.

### **INTERIOR SPACE ISSUES WHEN THE CONSTRUCTIONS ARE RESTRICTED**

Identification of interior space problems and solutions during reconstruction, definition of structural characteristics of buildings with loss of original function, determination of appropriate protection and renovation methods depending on their potential for re-use and location.









