ANTALYA AKEV UNIVERSITY

DEPARTMENT OF INTERIOR ARCHITECTURE AND ENVIRONMENTAL DESIGN

COURSE CONTENT

FIRST YEAR

REQUIRED COURSES

TUR101 Turkish Language I   **ECTS: 2**

The content of this course is to comprehend what language is and its importance; The place of Turkish language among world languages; Sounds in Turkish and their classification, phonetic features of Turkish and rules about phonetics; Turkish suffixes and conjugations; The plan and application to be used in composition writing; petition and CV writing; It consists of spelling and punctuation marks.

ING101 English I   **ECTS: 2**

It is a core course of learning English and its main aim is to teach students to use your vocabulary and language rules in a hands-on way based on the four skills. This course is more based on reading, comprehension, speaking and writing, including Basic English.

ATA101 Ataturk's Principles and History of Revolution I   **ECTS: 2**

Basic Concepts, Ottoman Empire and Renewal Movements in the Ottoman Empire, Reasons for the Fall of the Ottoman Empire, New Ottomans, Constitutional Monarchy, Union and Progress Constitutional Period, Tripoli and Balkan War, World War I: Causes of the War, Fronts Against the Ottoman Empire , Secret Treaties, Results of the War, Armistice of Mudros and Sharing of the Ottoman Empire, National Struggle: Preparation Period, Societies, National Forces, Congresses: Regional Congresses, Erzurum Congress, Sivas Congress Last Ottoman Parliamentary Assembly and Misak-ı Milli, TBMM The Opening of Turkey and the Establishment of the New Turkish State, Fronts in the National Struggle: Eastern, Southern and Western Fronts, Armistice of Mudanya and Treaty of Lausanne.

ICM101 Information and Communication Technologies   **ECTS : 5**

The aim of this course is to give theoretical information about computer hardware, computer software, file management and Microsoft Office processor (Word), spreadsheet (Excell), presentation (PowerPoint) management and to gain the ability to use Office programs at a basic level.

ICM102 Model Techniques   **ECTS: 4**

To understand the relationship between topographic structure and land arrangement while making models at different scales. It is aimed to understand the concept of scale, model making process and techniques, and basic concepts of model and model making. In addition, it is aimed to teach the

materials used in model making, the representation of living and inanimate materials on the model, the model making process and the lifting of a completed project to the third dimension with a model. The materials used in model making, the creation of the structural ground, the planting and detail studies and the photography of the models.

ICM103 Technical Drawing   **ECTS: 5**

Technical drawing, meaning of lines, technical writing, dimensioning principles, projection principles, drawing views, sectional views, perspective, assembly drawing, fastener drawing in interior architecture and environmental design are taken as basis.

ICM105 Basic Design I ECTS: 10

It aims to teach the discipline of the basic design elements and principles that are effective in interior design, to control and use the experience and knowledge related to vision and visual perception, to introduce the language of abstraction and forms and to develop the ability to use this language.

It includes studies aimed at understanding the network of relations between the basic design principles and composition elements, and providing the designer to create a point of view and thinking style that will be needed by the designer. With practice-oriented studies, it is ensured that the individual discovers their creativity and develops concentration, hand-mind skills, and original methods in creative problem solving.

ICM107 Occupational Health and Safety   **ECTS :2**

In addition to the Occupational Health and Safety Law No. 6331 and the provisions of other legislation, the rights and duties of the employees are understood, the introduction of OHS equipment, warning and danger signs, detailed information about risk analysis and assessment, teaching occupational diseases and the necessary measures to protect them, in occupational health and safety Individual and organizational factors, occupational health and safety issues in electrical work, OHS culture is aimed to be comprehended. Occupational health and safety overview and safety culture, national occupational health and safety system, occupational health and safety approach, occupational health and safety legislation, occupational health and safety services to be carried out by the employer, the concept of work accident and occupational disease and its costs, occupational health It covers risk factors in occupational health and safety, individual and organizational factors in occupational health and safety, records to be kept in occupational health and safety, occupational health and safety in electrical work.

ICM109 Introduction to University Life and Career   **ECTS : 2**

It is a program that consists of various activities to be offered in addition to academic studies, aimed at helping students easily adapt to university life. These activities will support students to be active individuals with programs that will help students reach their goals and contribute to their personal development. The program, which is dominated by socio-cultural activities, aims to increase students' intellectual curiosity, cultural sensitivity and awareness of responsibility by giving them a weekly break, and to develop students' vision and to raise them as useful individuals to the society and the

world. It creates highly motivated, dedicated employees who can foresee their future, know what awaits them, and set their goals accordingly.

ICM104 Computer Aided Drawing   ECTS : 5

It is aimed to make technical drawings in the computer aided design (CAD) environment and to develop digital design and visualization skills through the drawing program.

The content of the course includes getting to know the computer aided drawing program, comprehending the use of computers in interior and environmental design studies, basic commands and making 2D drawing studies in which these commands are applied.

ICM106 Basic Design II   ECTS: 10

The aim of the course is to gain the perceptual dimension in the light of basic design principles and concepts; It is the acquisition and development of three-dimensional thinking skills with the ability of both abstraction and spatial composition of many qualities such as color, texture, light, proportion, size, fullness-space. Visual and verbal presentations of the works within the framework of this purpose are also carried out within the scope of the course.

Course Content   Nature, living environment, objects and works of art are taken as reference in the course, the subjects are criticism, free judgment, adding emotion, reaching answers in different individual ways, producing new meanings, trial, error, open-mindedness, flexibility, interest within the systematic of observation, analysis and synthesis. Creative thinking, such as curiosity and research, is encouraged. The student's ability to pass from thought to image, from image to thought, to make analyzes on a two-dimensional plane using a creative mindset and basic design principles.

ICM108 Geometry   ECTS : 3

The purpose of the geometry course; At the end of the semester, students will gain knowledge of calculation methods, basic mathematics and geometry for the applications that they will frequently use in the technical courses and professional practice stages in the next semesters. Geometric foundations, area , volume and weight calculations, point and line projections, basic mathematical calculations are within the scope of this course.

ICM110 History of Art and Design   ECTS : 2

It is aimed to examine the evolution of art and design chronologically, to obtain information about art and design from the prehistoric period, to establish the relationship of industrial design with leading art movements and contemporary art trends, and to reveal the connection of design with socio-cultural changes in the historical process. The development of design and art in the historical process, social changes are examined craonologically. Starting from the Neolithic Ages, the concept of tool making is discussed in terms of the development and technologies of civilizations. The meaning and importance of art, its emergence, classification, the concepts and literature related to the history of art are explained, developments in the field of art, civilizations that lived in Anatolia starting from the Neolithic Age, the features of the medieval period, the Renaissance and the pre-Industrial Revolution

periods, art movements and production understandings are examined. Developments after the industrial revolution, the reflection of the industrial revolution on art, 20. The effects of the important design concepts of the 19th century on today's design are examined.

SECOND YEAR

REQUIRED COURSES

ICM200 Summer Internship I   **ECTS: 3**

It includes students to improve their practical skills and increase their material knowledge by observing the application of materials on the construction site and their detailed analysis.

ICM201 Design Studio I   **ECTS : 8**

It is about solving internal problems with multidimensional thinking. The elements of the space and types of interiors include collecting information, working towards design by processing information, mastering the architectural language and ensuring the use of the language. Design decisions are developed by students' interior design projects, sketches at the first stage, then drawings and three-dimensional presentation shapes.

ICM202 Design Studio II   **ECTS : 8**

The ability to solve indoor problems acquired in the fall semester is developed. It is ensured that design decisions are developed in line with user requirements and environmental data. By providing feedback to student projects, design ability is developed through questioning and comprehension. It is aimed to develop original design projects through research, inquiry and solution generation.

ICM203 Computer Aided Modeling   **ECTS : 5**

It covers expressing two-dimensional drawing in three dimensions with Autodesk Fusion 360 program, modeling techniques and making 3-dimensional space designs. It includes designing different models with different techniques by taking multidimensional modeling techniques as the subject. Design decisions are developed by first sketching the interior elements of the students and then designing these drawings in three dimensions.

ICM204 Rapid Prototyping and 3D Printing Techniques   **ECTS : 4**

Rapid prototyping and printing techniques, their relation to the product design process. It includes the process stages and application areas of rapid prototyping and printing techniques.

ICM205 History of Interior Architecture   **ECTS : 4**

Basic concepts of space and interior design history, Seljuk and Ottoman Period space design methods and styles, Seljuk and Ottoman Period interior furnishings, 19th and 20th centuries. It helps students to understand the design dynamics of the country they live in.

ICM206 Geographic Information Systems   **ECTS : 3**

It covers the basics of geographic information systems technologies, their physical and functional

components, functions, areas of use and the introduction of the possibilities of using geographic information systems in interior and exterior design, interior architecture and environmental design.

ICM207 Production Systems ECTS: 4

It includes an introduction to production systems, systems approach, various production techniques and systems. The interaction between computer modeling techniques and CAD-CAM modeling technologies to guide the design process includes basic information about contemporary manufacturing technology tools, methods and techniques.

ICM208 Project management ECTS: 3

It is about managing the design project together with its stakeholders. It covers the stages, constraints (cost, duration, scope), project management methods and time management, task distribution, quality concept, interdisciplinary work from the beginning to the end of the architectural project .

ICM209 Material and Construction Knowledge ECTS: 4

The aim of this course is to teach students the definitions of construction, types of carrier systems and building materials practically. Within the scope of this course, the building elements from the foundation to the roof are transferred to the students and drawing applications and drawing techniques of these elements are taught. The properties and production techniques of the building materials that make up the building elements are shown and it is taught in which layers these materials should be used.

ICM210 Computer Aided Manufacturing ECTS: 4

It covers production and components through computer-aided software and the introduction of production applications with computer-aided software.

ING201 Professional English I ECTS: 3

Develops the ability to express professional terms and expressions in English. The use of English in research, which is necessary in the design process, aims to provide the ability to make effective professional presentations in the English language.

ING202 Professional English II ECTS: 3

It aims to enable students to understand the texts they read about interior architecture and environmental design, understand and translate academic concepts and texts for professional practice. It includes being able to translate in the professional field, enriching the vocabulary, analyzing complex grammatical structures and developing individual language learning skills.

ICM220 Technology and Innovation   ECTS: 2

Basic concepts of technology and technology management, Technology management activities (Acquiring, Using, Identifying, Learning, Protecting and Selecting) and Technology management tools (Patent Analysis, Portfolio Management, Technology Roadmap, S-Curve, Phase Gate Method, Value Analysis), Research and Development (R&D) and Innovation Management.

ICM221 Art Culture Society   ECTS: 2

The main purpose of this course is to determine the concepts of art, society and culture, to reveal the relations of the concepts with each other and to enable the preparation of the theoretical infrastructure in this process. To create a preliminary preparation about the Frankfurt School, where there are many studies on the concepts and to support the reproduction of the concepts of art, society and culture on the basis of approaches, to reveal the ways in which culture and society are affected through art movements, The content of the course consists of laying the groundwork for the organization of his views on the concepts of culture and culture in a holistic way, conveying the stages of social transformations in the axis of the concept of globalization, and finally sharing the alternative views of the Frankfurt School of Cultural Studies.

ICM222 Sociology of Art   ECTS: 2

Basic concepts of sociology. Social structure and culture. Culture-art relationship. The importance of the concept and institution of culture in understanding society, social development and art. Changes in various fields of art depending on the sociological development and social dimension of art; It includes the social value of artistic production, its economic-political and social effects in production and distribution relations, and the sociological analysis of art movements in historical development.

ICM223 Entrepreneurship   ECT: 2

being an entrepreneur and producing projects, establishing and managing a business, business accounting, business establishment and incentives in this field, R&D and design center activities, creating teams by cooperating between departments and doing business together.

UNI224 Ceramic   ECTS: 2

It is to show the students the basic production techniques of ceramics, which is an art discipline, and to enable them to gain the ability to apply themselves. This course is ceramic clay; hand shaping aids; freehand shaping of ceramic clay by taking form designs as examples ; creating original ceramic forms without limiting individual creativity; It covers the contents of creating two- or three-dimensional shape designs with free-forming method using ceramic clay, creating ceramic border designs with ceramic plaster molding method and printing method, and ceramic application.

UNI211 Sign Language   **ECTS: 2**

Learning and teaching the sign language used by hearing impaired individuals and gaining the ability to use this language when necessary in social life. It is also aimed to focus on sportive concepts in sign language. Basic concepts of sign language; Turkish sign language, its history and features; letters in Turkish sign language; sound information; internal structure of the sign, simultaneity and succession; hand alphabet in terms of phonetics; morphology in sign language, structuring and shaping of the sign; word classes and pronouns; syntax in sign language; word order, sentence types; question sentences; semantics in sign language; meaning and reference, types of meaning, idioms; It covers the issues of mutual conversation with Turkish sign language.

THIRD YEAR

REQUIRED COURSES

ICM300 Summer Internship II   **ECTS: 3**

To observe design practice, application, presentation process, designer-employer-user relationship in a professional environment, to develop professional knowledge and skills by working in design offices.

ICM301 Design Studio III   **ECTS: 8**

With this course, in addition to all the gains of the Icm 201 Design Studio I course; It is a project process study aimed at understanding and evaluating the concept phenomenon and constructing the space-concept relationship within the framework of the development of design and critical thinking skills. In this process; It is aimed to effectively solve the given design problem by synthesizing user identity, interior perception and function analysis. In the design process, it is expected that the relations between interior building and reinforcement elements will be established and a holistic design language will be formed. In this direction, it is aimed to gain proficiency in material selection and presentation.

ICM303 Environmental Design and Landscape   **ECTS: 5**

In the course, it is aimed to give general information about the general concepts related to the environment, the general equipment required to contribute to the building scale projects in the immediate environment, such as recreation areas, urban furniture, pedestrian paths and ground cover plants. It is aimed to increase the level of awareness of the physical environment, the results of social and personal behavior, the evaluation of spatial perception and the right studies for new environments. It is about designing the building together with its surroundings. Urban texture elements, urban zones, borders, monumental elements, nodes, signs, roads, etc. concepts such as form the content of the course. Landscape elements and design principles are also covered. Within the scope of the course, the environmental design process is carried out as a survey (environmental

analysis), concept plan, preliminary project and final project.

ICM305 Computer Aided Modeling II   ECTS :5

It includes students to understand the concepts of structural analysis and design with the aid of computers and to introduce the necessary software for computer aided analysis. It covers the basic concepts used in interior architecture in terms of structural analysis.

ICM307 Professional Law and Ethics   ECTS: 4

The aim of this course is to introduce students to general issues in the field of ethics, to inform them about professional ethics for interior architects and to teach intellectual property rights that will be valid in their professional work. It covers professional ethics and ethical rules, professional and business ethics for interiors. In addition, information on intellectual property rights and the solution of problems to be encountered in these processes, to be used at the stages of their professional work, is provided by examining judicial decisions.

ICM308 Aesthetics and Ergonomics   ECTS: 3

The concept of ergonomics, its principles and the basics of ergonomics, human physical, social and psychological dimensions, anthropometric characteristics will be taught. Schematic explanation of ergonomic arrangement methods and principles, dimensional organization in space will be explained. The concept of aesthetics, which is a value system that determines form and content in space, will be discussed. It covers the understanding of the relationship between the human dimension and aesthetics.

ICM302 Design Studio IV   ECTS :8

It is aimed to develop the ability of students to solve spatial problems within the scope of the given project topic. Comprehensive projects involving complex space organizations such as hotels, dormitories, school or office blocks are handled. It includes making design decisions in line with the gains obtained from the lessons in the past, and interior design of buildings in different scales and functions. Two-dimensional and three-dimensional drawings, representations, material decisions and detail drawings are made. In addition to the design criteria, which include material, function and aesthetics, technical issues are required to be studied.

ICM304 Survey and Restoration   ECTS: 4

The aim of the course is to learn the concepts of architectural preservation such as cultural property, historical and registered structure , monument , site, survey, restitution, restoration, and to gain the ability to design interior spaces in historical buildings by acquiring traditional measurement and documentation methods. The content of the course is to give theoretical information on the concepts of conservation, survey and restoration, respectively, to prepare a sketch of a selected building and to carry out survey studies, and to give a new function by preparing an interior project for a registered, restored building.

ELECTIVE COURSES

ICM306 Furniture Design   ECTS: 4

Various functional solutions in furniture, solving different design inputs in line with furniture design criteria, material and accessory information, problem-specific design applications and prototypes to develop creative thinking in furniture design.

ICM320 Recycled Design   ECTS : 4

The materials used in design and their environmental effects, the concept and process of recycling, recyclable materials and creating original designs with their different uses constitute the scope of this course.

ICM321 Architecture Photography   ECTS: 4

Taking architectural photographs using the technical and compositional knowledge of photography is about perceiving and representing the architectural space through photography. It includes ethical and copyright information in photography, the use of natural and artificial light, photographing the architectural space with different styles and approaches to be used in the presentation of professional life, and professional observation.

ICM322 Spatial Solutions for the Disabled   ECTS: 4

The scope of the course is to create different space setups in which people with different qualifications and abilities will take part, and to explain national standards and universal design principles with sample applications.

ICM323 Furniture Mechanisms Design   ECTS: 4

Molds and mechanisms used in furniture design and production, handling these elements with production processes, operating and setting up basic mechanisms and using them in problem-based design constitute the content of the course.

ICM325 Environmental Psychology   ECTS: 4

between people, the meaning that people attribute to various places, the examination of user behaviors in built environments, the definition of environmental psychology concepts such as social environment, personal space and crowd, and their effects on the environment. human psychology in indoor spaces. It covers the personal, social and cultural aspects of the physical environment that affect human perception and behavior, according to the basic assumptions of Environmental Psychology.

ICM326 Store-Showcase Design   ECTS: 4

The aim of this course is to provide students with design knowledge on product display and window design for a variety of target audiences and to apply the knowledge gained in the course in a comprehensive project. This course emphasizes the aesthetic and functional importance of color, form

and space in both window design and product display, and aims to help students understand the importance of semiotics in display in terms of various user profiles and products.

ICM327 Architectural Visualization Techniques ECTS: 4

In this course, two-dimensional drawing and three-dimensional modeling are explained in a single program and architectural visualizations are learned through this program. Within the scope of this course, the site plan, floor plan sections and views of the buildings were created by three-dimensional modeling. Furniture has been added to the modeled building and architectural visualization techniques have been applied indoors and outdoors. Visualizations were obtained as photographs, videos and panoramic renders.

ICM426 Kitchen and Bathroom Design ECTS: 4

Concepts of wet space and wet space in kitchen and bathroom, technical, functional, color, texture components, cultural elements, ergonomics and human-equipment relationship. Discussion of conceptual knowledge through a sample kitchen and bathroom project.

FOURTH YEAR

REQUIRED COURSES

ICM401 Design Studio V ECTS: 8

It includes making design decisions in line with the gains obtained from the lessons from the past, and interior design of buildings of different scales and functions. Two-dimensional and three-dimensional drawings, illustrations, material decisions and detail drawings are made. To solve current internal needs, problems and problems by designing similar professional practice and project issues that students will encounter in their professional lives ; It involves doing a project with the necessary knowledge equipment.

ICM402 Graduation Project ECTS: 4

To have sufficient knowledge and equipment to design projects in line with sustainable criteria, having the knowledge to solve today's interior needs, problems and problems by designing similar project issues that they will encounter in the field of interior architecture. Studying the interior architecture project with plans, sections, details, models, models at different scales throughout the term.

ICM403 Professional Portfolio Design ECTS: 4

This course aims to develop students' decision-making skills in the context of events. knowledge learned in first and second grade. That way, they'll be able to see how theory works in real working life. They will also be able to work closely with companies he is will help them win real life experience.

ICM404 Workplace Education and Application   **ECTS: 6**

It is based on professional experience in businesses in order to train design faculty students as interior architects who know the applications and to bring them to active and privileged positions in the market. Students are expected to practice more and be equipped with workplace training knowledge. In this way, they will have the opportunity to combine their theoretical knowledge with industrial application.

ICM405 Acoustics and Lighting   **ECTS: 4**

It includes basic lighting and acoustic concepts and techniques required for all design projects. Acoustic and noise control, acoustic and lighting principles, planning in the context of human needs and space comfort will be conveyed with an aesthetic approach.

ELECTIVE COURSES

ICM419 Urban Environmental Design   **ECTS: 6**

It is aimed to define the urban design theory by considering it in an interdisciplinary framework covering architecture, planning and landscape architecture. It includes the evaluation of urban environmental design in the context of producing solutions to needs, and examining it on the basis of planning principles, theories and examples. Today's smart cities and innovative perspectives on current issues such as the pandemic and the city are also within the framework of the content.

ICM421 Exhibition Stand Design   **ECTS: 6**

The course aims to introduce the fairs held in Turkey and in the world, to reveal their development from the past to the present, and to learn the fair stand planning and criteria. With the original exhibition stand design project, it is aimed to gain experience in this regard. It includes the history of the fair in the world and in Turkey, the points to be considered in product display and the fair stand criteria. It also covers the details of the fair stand design planning.

ICM423 Ecological Interiors   **ECTS: 6**

Ecological design approaches in interiors, the concept of ecosystem, the relationship between society and the environment and the effects of the built environment on the life cycle. It includes designing that improves the health, safety and well-being of people and ecosystems on a local, regional and regional scale by taking advantage of the ecological and environmental performance of materials, energy efficiency, and the advantageous conditions of the natural and artificial environment.

ICM425 Interior in Traditional Turkish House   ECTS: 6

It includes the explanation of the traditional Turkish house concept, the variations of the Turkish house, the perception of the interior in the Turkish house, the access to the interior furnishings and the construction action analysis.

ICM427 Elderly and Child Space Design   **ECTS: 6**

Designing barrier-free spaces with special design criteria and criteria. Within the scope of Universal Design understanding, it is aimed to raise the necessary awareness so that people from all age groups can live comfortably indoors and outdoors. Knowledge will be reinforced with classroom practices.

ICM429 Editing Space Design and Costume   **ECTS: 6**

different requirements and principles of internal regulation. Light, color, texture, acoustic etc. study of technical requirements; Developing recommendations by analyzing existing examples; Examination of fictional space types. Examination of stage and performance venues; It includes material information, drawing, model and production techniques in space setup and costume design.

ICM441 Virtual Design   **ECTS :2**

Within the scope of this course, different topics related to virtual reality are discussed, with an emphasis on haptic systems. The course aims to develop tactile-assisted virtual reality simulations and applications for students. Theoretical topics covered will include 3D virtual environments, haptic and visual rendering, haptic interfaces, tactile interaction with bendable and rigid bodies, and the psychophysics of touch. During the course, students will have the opportunity to practice with different graphic and tactile interaction libraries, as well as gaining basic information about virtual reality applications. Fundamentals of virtual reality systems, geometric modeling, transformations, graphic and haptic rendering, spatial representations and transformations, evaluation of virtual reality systems.

ICM443 Digital Culture   **ECTS: 2**

It is aimed to discuss the cultural elements transformed with the digital age and to discuss the impact of communication technologies on cultural practices. Considering the effects of the digital age, the transformation of the concept of culture, which is thought to be living with people and continuing to reproduce, clearly shows itself. In this context, during the course period, the requirements of culture and digital age are discussed and the change process of culture is evaluated with a holistic approach. In addition, the concepts of representation and identity are emphasized and the change/transformation of these concepts with culture is conveyed to the students during the course period. The relationship between social media and new media, which can be considered as outputs of digital culture , and digital culture is discussed, and this attitude is discussed from McLuhan to Castells.

ICM445 Contemporary Art   **ECTS: 2**

It is aimed to gain a general understanding about contemporary art, to convey the relationship between contemporary art and interior architecture and design in the historical process. The content of the course is to periodically discuss contemporary art movements by establishing relations with each other and to monitor the effects of these movements through examples.