

**DEPARTMENT OF INTERIOR
ARCHITECTURE**

Course Catalogue

2016-2017

COURSE OBJECTIVES AND CONTENTS:

YEAR 1

Basic Design (course type: required; course code: INAR 101)

Course objective: The aim of this course is to develop mental and manual artistic skills and to establish a design language.

Course content: The course introduces the basic concepts and principles of design enabling the new comers establish the basic relations between the elements of a composition by doing. Within this context related topics are worked out every week. Topics covered are: Design Concept, Composition in Design, Design Principles, Design Elements, Dimensional Relations in Design, Gestalt Principles

Basic Art Education (course type: required; course code: INAR 104)

Course objective: The aim of this course is to provide students the ability of analysing the work in many different aspects and be able to present in accordance with the expectations of basic art education.

Course content: Topics covered are: Drawing of natural objects from different angles. Research on elements of design, principles of design and principles of perception, discussion of results over various examples. Investigations and experimentations on surface compositions; detailed investigation of elements of composition such as balance, rhythm, movement in two dimensions. Three dimensional reproduction of two dimensional works. Study of color theories and discussion over organized compositions

Drawing (course type: required; course code: INAR 105)

Course objective: This course aims to improve the technical drawing skills used in architectural drawing by teaching the usage of instruments, principles of technical drawing and dimensioning.

Course content: Instruments used in technical drawing, preparation for drawing, types of lines, lettering, geometric drawings, architectural drawings, scaled plans, sections, elevations in different scales.

Design Methods in Interior Arch. (course type: required; course code:INAR 111)

Course objective: The aim of this course is to give a general overview of design ideas elements and applications of interior architecture.

Course content: The course covers explanation of the main design ideas and applications of interior architecture. It includes an introduction to design problems, description to design, graphic thinking and presenting in architecture, designing process, design methods (rational thinking, heuristic processing, forming and organization methods), design evaluating and criteria, researching architectural samples and interior environment designing concerns.

Introduction to Interior Arch. (course type: required; course code: INAR 121)

Course objective: The aim of this course is to give a general overview of the fundamentals of interior design, terminology, form, function, aesthetics, materials and construction

Course content: The course covers: Terms of 'concept, creativity in design, terms of abstraction and interpretation, initial stages of the design process.

Development of Reading and Writing Skills I (course type: required; course code: ENG 101)

Course objective: This course aims at enabling students to understand their lessons and to express themselves in English

Course content: The course focuses mainly on grammar and developing of all language skills.

Turkish (course type: required; course code: TUR 101)

Course objective: This course aims at enabling students to understand their lessons and to express themselves in Turkish

Course content: The course focuses mainly on grammar and developing of all language skills.

Introduction to Interior Design (course type: required; course code: INAR 102)

Course objective: The aim is for them to use their design knowledge which they have learned and gained from Basic Design lecture.

Course content: The course covers: Composition in Interior Spaces,. Forming a Space Through Composition of Interior Objects, Volume and Circulation Relations in Interior Spaces, Forming Dimensional Relations on the Ground of Interior Spaces, Forming Dimensional Relations on the Horizontal Surfaces.

Graphic Communication (course type: required; course code: INAR 103)

Course objective: The aim of this course is to teach graphic communication, the understanding and presenting the projects as perspectives.

Course content: This course includes such topics as improving 2D thinking skills, solving details, learning to draw perspectives, improving representation skills.

Interior Arch. And Aesthetics (course type: required; course code: INAR 122)

Course objective: This course aims to offer an introduction to philosophy of art and art history, description of the art, feelings, visual perception in relation to esthetics. Esthetic criteria and philosophies of different periods and styles will be discussed.

Course content: This course covers: Analysis of aesthetic recipient and aesthetic attitude, Analysis of aesthetic value, Aesthetic attitude and aesthetic perception, Design principles in interior architecture in relation to aesthetics, Design principles in interior architecture in relation to aesthetics.

History of Art and Architecture (course type: required; course code: INAR 164)

Course objective: The aim of this course is to offer the cultural and historical development of art and architecture.

Course content: Within a chronological and geographical framework the course will familiarize you with key architectural landmarks from the Prehistoric Period, through Mesopotamian, Egyptian Civilizations to the Greek, and Hellenistic Civilizations

Development of Reading and Writing Skills II (course type: required; course code: ENG 102)

Course objective: This course aims to take students to intermediate advanced level of English.

Course content: The course concentrates rather on developing reading and writing skills.

YEAR 2

Interior Architecture Studio I (course type: required; course code: INAR 201)

Course objective: This course offers the ability for creating a concept and design an architectural structure. The aim is to design an individual house, a kiosk or a single unit as a result of experimenting the design process by the help of distinctive thinking and creativity.

Course content: The contents of this course are: Analytic research process (site, programme, sample projects), spatial organization, design methods, design principles, conceptual and contextual sketches.

Presentation Techniques (course type: required; course code: INAR 203)

Course objective: The aim of the course is to provide students ability of three dimensional thinking and analyzing the existing spatial compositions and presenting the ideas in two and three dimensional formation

Course content: This course covers: Architectural representations according to the scales, Figure - ground relations in representations, foreground - background relations, use of perspective and color in spatial language.

Computer Aided Design I (course type: required; course code: INAR 212)

Course objective: The aim of this course is to provide students to create interior spaces using computers as a drawing tool. The basic knowledge and skills are not provided only to make interior designs with computer by the help of Autocad program, but also to make presentations of these drawings and to print them in any scale.

Course content: The course includes such topics as: principles and basic concepts of CAD/CAM programs, Drawing and dimensioning a project in Autocad program using appropriate commands.

Restoration (course type: required; course code: INAR 214)

Course objective: This course aims to prepare students for design tasks that require work with historical buildings and sites. A sound comprehension of contemporary approaches to conservation must be attained during the course. The students must also develop the necessary responsibility, sensitivity and appreciation to work in the field of conservation of cultural heritage. Theory regarding restoration criteria, damage assessment and restoration techniques is discussed in class and observed in field trips.bg.

Course content: The course thematically covers: Birth and Development of Theory of Conservation, Factors Causing Deterioration in Monuments, Organizations for Restoration and Conservation of Cultural Heritage, Studies Done Before Restoration, Restoration Techniques, Field Trip and Restoration Project.

Human Factors in Int. Arch. (course type: required; course code: INAR 221)

Course objective:The objective of the course is to provide the student the relationship between human and the environment followed by the physical environment and human relationships, human and human dimensions.

Course content: The course thematically covers: Environment, - Human-environment relationship, - User requirements. Human dimensions, - Anthropometry, - Ergonomics, - The purpose of ergonomics. Interior space design, - Design process (analysis, synthesis, evaluation), - Design Criteria. Space Analysis, - Distance area with basic human dimensions. Dimensions of the housing spaces. Design principles of living spaces, dining, kitchen, bedroom and bathroom etc.

Construction I (course type: required; course code: INAR 251)

Course objective:The aim of this course is to develop the understanding of the student how to deal with structure regarding to the architectural constructions.

Course content: In this course theoretical and implementation aspects of the constructional requirements with specific emphasis on basic construction elements and components are covered.

History of Int.Arch and Furniture from Eyprian Period (course type: required; course code:INAR 263)

Course objective: The course will focus on how historical and cultural factors along with technological changes and innovation influenced the development of interiors and furniture.

Course content: This course deal with historical styles of interior architecture and furniture within a chronological framework from Egyptian to 1900. The principles of French, English and American Interior Architecture and Furniture in the periods of Mesopotamia, Egypt, Greek, Roman, Byzantine, Romanesque, Gothic, Renaissance, Baroque and Rococo, 18th and 19th centuries.

Interior Architecture Studio II (course type: required; course code: INAR 202)

Course objective: This course aims to provide students with the ability of creating themes and designing interior spaces by using design methods, principles and spatial organization techniques. The focus is on reading the design problem and designing the interior space considering program requirements and structural qualities of the building.

Course content: The studio based project with one to one critics covers issues: Design methods, strategies and principles, Conceptual sketches, Spatial organizations, Light, color and texture, Anthropometric data, Furnishing and human dimensions

Computer Aided Design II (course type: required; course code: INAR 213)

Course objective:The aim of this course is to provide students to transform the 2 dimensional drawings of their projects to 3 dimensional drawings by using ArchiCad program.

Course content: Transform the existing 2D drawing to 3D using ArchiCad commands.

Building Material and Components of Int. Elements (course type: required; course code: INAR 222)

Course objective: The aim of this course is to provide student how to integrate interior architectural details to the main concept of the project regarding to the rough and fine materials.

Course content: This course examines interior finishing materials and furnishings, and their applications.

Environmental control (course type: required; course code: INAR 244)

Course objective: The course aims to provide the student with the understanding of the interaction between people and their physical environments.

Course content: The course covers issues like environmental conditions and the position in which they found the interior space with the effect of design and space to examine the context. The topics are: Definition of terminology related with environmental control, Sustainability and Interior Spaces, Climate, Temperature, Light, Orientation.

Construction II (course type: required; course code: INAR 252)

Course objective: The aim of the course is to introduce the complicated structural systems which is related with wide spanned indoor spaces.

Course content: The course covers: Concepts of Building Constructions, Walls, Classification of walls, Wall Openings, Doors, Windows.

History of Int.Arch and Furniture from 1900 to Today (course type: required; course code: INAR 264)

Course objective: The aim of this course is to introduce key conceptual issues in interior treatments, furnishings, and decorative arts. Includes cultural aspects and characteristics of early twentieth century, Modernism Period, Revolution and the Avant-Garde, Contemporary designs, and issues and trends..

Course content: The course includes cultural aspects and characteristics of early twentieth century, Modernism Period, Revolution and the Avant-Garde, Contemporary designs, issues and trends.

YEAR 3

Interior Architecture Project (course type: required; course code: INAR 301)

Course objective: This course intends to introduce students the required knowledge and technical information about contemporary interior design problems by designing multi purpose spaces.

Course content: Conceptual sketches, Structural systems, mechanical systems, to accent the relations of visible and invisible elements, flexibility in the space design.

Computer Aided Design III (course type: required; course code: INAR 312)

Course objective: This course provides 3d and technical drawings to be prepared using various software applications to produce successful visual presentations.

Course content: The course includes topics such as: Visual analyses of 3D space and teaching required tools and commands.

Environmental Control: Mechanical Equipment (course type: required; course code: INAR 341)

Course objective: This course aims to offer basic knowledge on services for interiors like heating, cooling and lighting systems etc. within the framework of sustainable design.

Course content: The course provides the information necessary to make building spaces comfortable by considering environmental factors and ecological values.

Detailing Studio (course type: required; course code: INAR 351)

Course objective: The main aim of this course is to provide an overall assessment of the knowledge of building construction and material science is sought with emphasis on conceptual and detail drawings related to interior architecture problems.

Course content: The topics include: Details; Materials; Processing machines; Manufacture systems.

Arts and Crafts (course type: required; course code: INAR 358)

Course objective: This course offers an overview of the history, culture, applications and impact of arts and crafts in interior architecture. Examining the crafts and their implications into arts and design will be discussed too.

Course content: The use of Arts and Crafts from early periods till contemporary interior designs. Arts and crafts is one of the more expressive courses that the student is given the knowledge to be able to work individually under supervision.

Interior Architecture Project VI (course type: required; course code: INAR 302)

Course objective: This course aims to offer a critical examination and an insight to the human needs, culture, creating the perception of influence in matters of design problems eg. offices/stores/cafes, are discussed through the interior arrangements for the use of communal space.

Course content: Analyzing contemporary interior design problems and research on interior designers and their designs, Basic information about the given site/programme/context, conceptual sketches, sustainable design standards, vertical and horizontal circulation problems, branding.

Furniture Design (course type: required; course code: INAR 307)

Course objective: The aim of this course is to generate the students' knowledge of how to design a furniture at design and production levels. They are going to solve the details and problemsevery step of the design.

Course content: This course covers topics: Researching the materials used in furniture, Assessing and analyzing contemporary designs, Creative thinking, Functional solutions, Solving other design inputs, Design and Production.

Building Performance: Special Use and Users (course type: required; course code: INAR 342)

Course objective: The course aims to offer an overview on a different aspects of interior design where precautions are taken for the accidents in the buildings..

Course content: This course focuses on the determination the required dimensions for the special user groups; old peoples, children and handicap persons, discussion to fire protection and hygiene.

Theory of Interior Architecture (course type: required; course code: INAR 364)

Course objective: This course attempts to provide an introduction to significant theories concerning the interaction of people and interior architectural space. Students will survey normative theories, philosophies and doctrines of design and explore their influences.

Course content: The course covers topics: Introduction to architectural theory, practice and relationships, Architecture in perception, Popular culture in architecture. (Current - Style - Fashion - Trends), Design Elements, Design Principles, Architectural styles and contemporary applications.

Product Detailing (course type: required; course code: INAR 381)

Course objective: This course attempts to provide an analysis of the detailing of variety of movable and non-movable furnitures, searchingfor solutions during production by working on problems that might be caused by the quality of materials.

Course content: The course covers topics: Materials used; Space/furniture solutions; Ergonomics; Details; Processing machines; 1/10, 1/2, 1/1 drawings, detailed solutions to the given problem; furniture of finishing.

YEAR 4

Interior Architecture Studio V (course type: required; course code: INAR 401)

Course objective: The aim of this course is to provide the required knowledge and guidance to design complex buildings' interiors and environment. Mostly the problem of re-functioning of an existing historical building using contemporary interior design standards will be given to the students.

Course content: The course covers: Research of the given design problem, Analysis of the exemplary space, Functional requirements' analysis, Conceptual Sketches, Spatial relations and organizations including horizontal and vertical, Interior and environmental design.

Ergonomics (course type: required; course code: INAR 403)

Course objective: The aim of this course is to provide an overview of possible problems when anthropometry, required dimension and human factors are not taken into consideration in the design process. It emphasizes applications to both product design and spatial organisations to prevent injuries and discomfort.

Course content: The course covers topics: What ergonomics is; what ergonomics does; why and how to do ergonomics; ergonomic models, methods and measurements; enhancing performance, anthropometry.

Preservation of Historic Interiors: History and Theory (course type: required; course code: INAR 407)

Course objective: This course aims to provide students an overview on the importance and use of historical environments and existing buildings with historical value in contemporary interior design together with the ways of analyzing the spatial organization of selected buildings.

Course content: This course covers issues: Design criteria and concepts of space throughout, Form-function analysis of selected building/period, The connection between spatial design development to cultural, social, political and historical concepts, Learn the basic design codes to develop and update them to contemporary interiors, Analyzing selected reused interiors. Discussing and developing and understanding on different approaches of interventions.

Building Economics in Interior Architecture (course type: required; course code: INAR 417)

Course objective: This course aims to provide student the cost calculation methods through analysis of materials and structural systems.

Course content: The course covers: Scope of economic theory, the price system, theory of consumer behaviour, theory of production and cost. The scope of measurement techniques, consciousness on price system, cost and design analysis, calculation and preparation of cost estimates.

Graduation Project (course type: required; course code: INAR 402)

Course objective: This course aims to provide students with the knowledge and ability to creatively think, create and present a project. Starting with the research on site, functional necessities and the contextual data, firstly conceptual sketches are made and accordingly required technical drawings are prepared at different scales. Visual presentation techniques and 3D programs are used as a tool while transforming the ideas to the design outputs.

Course content:

The course covers: Analysis of the existing site / building, Analysing the functional necessities, defining the programme, Conceptual sketches, Preparing 2D and 3D drawings and system details, Designing the project within a given context.

Professional Practice: Interior Arch. (course type: required; course code: INAR 418)

Course objective: This course aims to provide studio work aimed to professional works including inner space design and construction details on architectural projects. Offers an understanding of contemporary implementation processes in interior architectural projects.

Course content: The course covers topics: Contemporary implementation methods through design and construction processes, Relationship between investment, design and construction / employer, interior architect, contractor and other disciplines of profession like engineers and architects, Presentation for application, Using new materials and technologies for detailing the interior architectural project, Preparing required drawing files and contracts used in interior architecture profession.

Principles of Atatürk I and II (course type: required; course code: AİT 101/102)

Course objective: This course is designed exclusively for Turkish national and Turkish Cypriot students. The aim is to provide the principles of Atatürk analytically and historically in both semesters.

Course content: This course covers the period of the process of Turkish independence war and the period of the establishment of Turkish national state, and modernization process.

ELECTIVE COURSES

Freehand Drawing (course type: elective; course code: INAR 427)

Course objective: The aim of this course is to help students develop effective drawing techniques as a specialized form of visual communication. Life drawing, still life drawing and sketching techniques are utilized

Course content: The topics include: One point perspective: work from still life of cubes, spheres, cones, Still life with complex objects, Stance in Human Body, Proportion in Human Body and Space, Foreshortening.

Color in Interior Space (course type: elective; course code: INAR 309)

Course objective: In this course students learn the basis of color in interior design using color tools, and by creating color board where students experiment with primary, secondary, tertiary colors using different color tools to design a color palette for the space..

Course content: The course covers topics: What is the color? Review of principles of color in interior design, Principles of using the color wheel. Color wheel exercise, Creating designer color board, Designing color palette for established furnished space, rendering this space in colors chosen by students from established color palette.

Concept of Color in Architecture (course type: elective; course code: INAR 429)

Course objective: In this course students learn the importance of color in architectural and interior space in different cultures and periods of time.

Course content: The course covers topics: The importance of colour. Changes in the color concept in Architecture throughout the History, Comparing use of color in Architecture in different periods of time, Review of use of colour in different geographical areas and cultures, Review of different visual sources to find and examples of use of colour in Architectural textures. Discussion, Finding a visual example and analyzing through rendering techniques.

Culture and Space (course type: elective; course code: INAR 440)

Course objective: The course is designed to introduce students the relation between architectural and interior space and culture explaining the reciprocal factors affecting space and culture with examples.

Course content: The course covers titles: Introduction to cultural issues related with space, Research on examples where culture affected the formation of space and where communal and private space affected culture, Discussion on cases.

Photography (course type: elective; course code: GRA 112-114)

Course objective: The course is designed to offer students experience and culture in photography technically and aesthetically.

Course content: The course covers titles: Fundamental terminology, concepts, techniques of digital visual composition for static images. Instruction is given on basic techniques of production, including digital still camera orientation, lighting, set-up, and operation. It will focus on the principles of using colour, composition, lighting, depth of field, exposure and other techniques for overall thematic and visual effects of static images.

Sculpture (course type: elective; course code: PLA 224)

Course objective: This introductory course is concerned with the combination of development of technical/materials, hands on knowledge, and conceptual growth. The course extends into the practice of making one's ideas visible within discipline of sculpture

Course content: It grounds the craft of sculpture into practice using tools, materials, devices, fastenings, adhesives and sculptural processes in introduced in sculpture.

Ceramics (course type: elective; course code: PLA 363-364)

Course objective: The students can prefer either functional point of view or plastic point of view due to their tendencies and produce original works. The course extends into the practice of making one's ideas visible within discipline of sculpture

Course content: This course covers a number of topics using electric wheel, ceramic wall works

Ceramics (course type: elective; course code: PLA 463-464)

Course objective: The students can prefer either functional point of view or plastic point of view due to their tendencies and produce original works

Course content: This course covers a number of topics using electric wheel, ceramic wall works, way of operating an electric kiln , temperature control, filling kiln with ceramic pieces, glazing, technique of installation to get the required color and forms.

Summer Training I (course type: required; course code:INAR 100)

Course objective: The aim of this course is to introduce students with practical problems of interior architecture on site.

Course content: Daily explanation of the works. Photos of site works and their explanation. Projects of the building under construction. Brochures, samples, and description of the materials used at the construction site during the summer practice period. Brochures and samples which are related to the construction site should be included the files.

Summer Training II (course type: required; course code:INAR 200)

Course objective: The aim of this course is to introduce students with practical problems of interior architecture, to observe the formation stage of construction and installation of furniture, delivery is 21 business days to file the form with the daily reports on site.

Course content: Daily explanation of the works. Photos of works showing stages from design to production and their explanation. Drawings (sketches, plans, sections, perspectives), photos, brochures and samples of materials which are related to the design and production phases should be included in the files.

Summer Training III (course type: required; course code:INAR 300)

Course objective: The aim of this course is to introduce students with practical problems of interior architecture by practicing profession in an architectural and or interior architectural office.

Course content: Daily explanation of the drawings. Photos of works showing stages from design to production and their explanation. Drawings (conceptual sketches, plans, sections, perspectives), photos, brochures and samples of materials which are related to the design.