



INAR-COURSE CONTENTS

COMPULSORY COURSES

INAR 110 Basic Design for Interior Architecture I

The aim of this course is to introduce the students to the elements and principles of design. The elements of design consist of point, line, shape, texture, light, color, form and space. The principles of design include unity and variety, balance, emphasis and rhythm. Students are expected to apply the understanding of design concepts to create 2-D visual compositions and encouraged to adopt a creative approach to become self-critical in their work.

INAR 113 Representations for Interior Architecture I

The basic theme of this course is representations of space and form. Emphasis is placed on basic skills in sketching and students learn how to represent and communicate in design by means of various techniques and tools. Free hand and technical drawing skills, model making, photography, video and basic use of digital tools are taught in an integral approach. Special attention is given to the integration of manual and digital sketching techniques.

INAR 114 Representations for Interior Architecture II

Following Representations I, this course focuses on advanced techniques for representations of space and form. Emphasis is placed on the integration of digital and hand drawings through exercises that involve simple spatial design tasks. Photographic and video techniques will be taught in relation to the design of space and form, and basic skills of digital drafting and 3D modeling tools will be introduced.

INAR 117 Spatial Geometry in Design

This course covers the basic principles of spatial geometry for designers. The focus is on Platonic, Archimedean and Catalan solids and generation techniques, such as modifications, transformations, reflections and translations. By means of various exercises that involve the construction of physical models, students will gain an understanding of 3D architectural form and space. This course will make use of a software which generates 3D solids and structures which forms the basis for spatial interior and architectural design.

INAR 120 Basic Design for Interior Architecture II

The objective of Basic Design II is to develop the principles and elements of design learned in Basic Design I to create 3D works by using drawing techniques, rendering, model making, and other presentation techniques and to improve knowledge in material usage. 3D design research supports student's understanding of 3D design environments. Upon completion of the requirements of this course, students will be able to demonstrate an awareness of major art movements, designers and design concepts.



INAR 132 Building Construction Types and Principles

This course aims to teach the students the basic terminology and principles of building materials and the logic of construction systems. It includes the introduction of primary structural systems and construction types considering building elements such as wall, floor, roof, stairs, and partitions. Students will also learn the characteristics of building materials such as metals, cement-based, earth-based, bitumen-based materials, wood, natural stone, glass, polymers and their applications in construction.

INAR 210 Integral Design Studio I

Also called the Concept Studio, this course incorporates collaborative learning strategies whereby students will learn how to organize and visualize their creative ideas in a systematic process and how to read and analyze space and order in buildings. Students will be introduced to the basic vocabulary, skills/techniques, practices and contexts of interior design through a series of small scale abstract projects. Human scale, interior programming, movement, circulation and fundamental form making will be explored through studio discussions.

INAR 213 Digital Design Techniques

This course covers basic digital design methods, techniques, tools and strategies. Students are introduced to the state of art in digital design and basic skills in 2D/3D digital design software. Emphasis lies on the definition of new paradigms in design strategies in the digital environment, goal oriented use of software, and design representations and communications in the 3D CAAD environment. They are also familiarized with the BIM (Building Information Modeling) concept which deals with sharing and communication of data, information and knowledge.

INAR 216 Indoor Environmental Control I

This course focuses on thermal comfort and IAQ (Indoor air quality). Students will learn the scope of thermal comfort including airflow rate, moisture and temperature levels, and their relation to body movement, age and other physical and psychological conditions. They will also learn topics relating to indoor air quality (IAQ) in relation to human health especially in multi-occupant areas like schools, offices and public buildings. The course includes such topics as 'Sick Building Syndrome' (SBS), ideal airflow rates and movements, contaminant construction materials, VOCs (volatile organic compounds), concentration of specific gases and microbiological contaminants.

INAR 220 Integral Interior Design Studio II

In this studio, students learn the symbolic language of interior design, measuring and scaling interior spaces and furnishings, and the application of principles of design for a single-family, "home and office" residence. While conducting the projects, students practice manual skills of drafting, one-point perspective drawing, and model-making. The products are closely linked to the outcomes of the Concept Studio. At the end of their first year, students will comprehensively learn and practice conceptual development, technical skills, and interior design applications.

INAR 221 History of Design I



This course familiarizes the students with core examples of Western and non-Western material culture, art, design, and architecture emerging out of Europe, the Americas, Asia, and Africa from the Paleolithic era to the 15th century. Through museum visits, readings, class discussions and writing assignments guided by research methods, students will explore the following questions: What is art? What is design? Is the appearance, or form of an art or design object its most important element? What is the role of iconography in design? What role does religion, biography, psychology, philosophy, society and politics play in the production of material culture, art and design?

INAR 222 History of Design II

The second part of the design history survey covers the period from the fifteenth century to date. Canonical examples from the Western and non-Western cultures will be introduced in the context of cultural, technological and social developments. Students will further develop their research abilities by means of writing exercises and sharpen their critical abilities by means of class discussions and reading assignments.

INAR 231 Building Materials and Detailing for Interiors I

This course introduces students to a broad range of construction materials, techniques and systems commonly employed in the construction and finishing of buildings and spaces, from interior finishes and treatments (including lighting, color and acoustics) to exterior cladding or enclosures. Materials are studied in terms of their composition, physical properties, manufacture and assembly, applications, regulatory constraints and sustainability.

INAR 232 Building Materials and Detailing for Interiors II

This course focuses on materials used for different purposes with particular emphasis on color and texture and their effects on the end user. Students will explore the emotional effects of these design features and focus on detailing. The aim of the course is to expose the students to different problem solving approaches to enable creative designs for material use and detailing.

INAR 301 Furniture Design I

This course is an introduction to the concepts, materials and construction technologies involved in the design and fabrication of furniture. It explores the relationship between ergonomics, comfort and function in the design of furniture for both site-specific environments and mass-produced applications. Activities include lectures, field trips and a variety of drawn, modeled, and built design projects. This class is coordinated with Integral Interior Design Studio III.

INAR 302 Furniture Design II

The objective of this course is to convey the principles of furniture design. Besides developing their skills in design, students will be exposed to methods of furniture production and marketing. The course introduces the students to the materials and production techniques in order to develop and achieve successfully detailed furniture designs using advanced presentation techniques.



INAR 310 Integral Interior Design Studio III

Taught in conjunction with Indoor Environmental Control II, Integral Design Studio III challenges students to draw and represent ideas in an increasingly sophisticated manner with an understanding of their personal design process. This studio emphasizes the integration of environmental issues including energy use, passive construction, solar orientation and material selection to modify both space and climate to accommodate comfortable human habitation. A key objective of the studio is to develop both quantitative and qualitative understandings of energy design approaches and to investigate energy conservation through designing interiors that balance use, energy, and enjoyment in a sustainable manner.

INAR 315 CAD-CAM & Production Technology

This course provides basic knowledge on the interaction of 3D advanced computational modeling techniques in relation to CAD-CAM and model making technologies. As contemporary production technology tools, methods and techniques can guide the design process, students are stimulated to learn and use these techniques in producing design prototypes. The purpose is to teach students the method to develop their spatial design ideas in the virtual environment and to make physical models at CAD-CAM and model making laboratories.

INAR 317 Indoor Environmental Control II

This course focuses on built environments in the context of thermal, visual, auditory and olfactory senses. It relates human experience of buildings to the main dimensions of Indoor Environmental Quality (IEQ): thermal, acoustic, lighting and indoor pollution. The main topics include performance analyses using post-occupancy evaluation tools and workplace productivity metrics. Particular attention is paid to sustainability rating tools from around the world, including GreenStar, NABERS, LEED and BREEAM.

INAR 320 Integral Interior Design Studio IV

As the final studio of the third year and electives focusing on the practice of adaptive reuse, the student will have the opportunity to demonstrate these principles and theories in a complex design project of reuse in İzmir. Having direct access to the site students will be able to observe and experience firsthand the constraints of an existing structure. They will also have the opportunity to use urban resources such as the Metropolitan Municipality Department of Planning and Development and Historic District Commission. This project will serve as a model for engaging other real-world adaptive reuse applications. This studio will be taught in conjunction with the Adaptive Reuse of Buildings elective course.

INAR 410 Integral Interior Design Studio V

This studio focuses on understanding the complexities of design for a specific social group. It also incorporates natural and artificial lighting, material selection and particular programming challenges for interiors using a wide range of static and dynamic media. Students will be given the opportunity to work with outside partners or advisors and will demonstrate ability to work individually as well as in a team. While project work will be primarily studio based, content may require off site research and engagement.



INAR 420 Integral Interior Design Studio VI

The main aim of the course is to develop the ability of problem solving in interior design, focusing on the theme of brand/corporate identity. Students will understand the concepts and relations of interior design in relation to commercial and retail spaces. They will gain the ability to see and think from users and operators viewpoints, learn methods of analysis of building systems and create a scenario and concept in determining brand/corporate identity.

INAR 421 Society, Culture & Interior Design

This is a course on modern society and culture in the context of interior design. Topics covered include the relationship between the individual and society, social institutions, and social processes including urbanization, industrialization, and technological change. The course will also examine specific cases in the way technology effects society, investigating the politics, sociology, and ethics of technological development. Significant phenomena of the twentieth century will be discussed including nuclear warfare, the rise of fast food cultures, the simplicity movement, and futuristic visions.

ELECTIVE COURSES

INAR 251 Color, Texture and Textiles in Interiors

The course introduces the students to the color and texture knowledge in interior design as well as textile knowledge (pattern, rapport, fiber, method of production, uses by function, width, endurance (wear and tear), discoloration (resistance to light -resistance to friction), stain and oil resistant treatment, flame- retardant treatment style) in furniture upholstery, carpets and curtains (and the other applications).

INAR 252 Modeling & Rendering for Interiors

This course aims to develop each student's skill sets, both theoretical and practical, combining rapid accurate modeling, high quality renders and VR technology, suitable for Interior Architecture. This course offers each student the opportunity to develop their speed and accuracy with modeling, deepen their understanding of digital rendering and explore VR technologies with regards to Interior Architecture.

INAR 270 Human Factors in Design

This course covers basic information about ergonomics and anthropometric data in the design of workspaces, safety equipment and personal protection tools considering the differences between the characteristics, abilities, and physical limitations of human bodies. Main topics include the design of interior environments in relation to cultural ergonomics, design for the disabled and children, human factors, ergonomics standards, and the notion of universal design.



INAR 280 Ecological Approaches In Design

This course will help the students to understand the interrelationship between nature and human interventions on design research and practice. It introduces design strategies based on integration of ecology, ecosystems, community, environment and their effects on life cycle of built environment. Topics such as bio-mimicry, bioclimatic comfort, energy efficiency of buildings and condensation, and ecology and environmental performance of materials are covered. The aim is to produce design products by enhancing the health, safety and welfare of human beings and ecosystems at all scales (local, regional and global), by using minimal resources and by taking advantage of ecological organisms and environmental conditions. The aim of the course is to apply ecological strategies in any design project, to reduce environmental effects.

INAR 290 Visual Presentation Techniques for Interiors

This course aims to provide the students understanding and developing of interior architectural communication to meet professional standards. During the course, research and discussion about integrated media and presentation techniques will be realized and the students will practice and work on conveying their concept, implementation and intention of design ideas to planned presentation. This course is based upon advanced level computer aided visualization techniques. Students will gain knowledge and start to work on analyzing and creating layout for digital and printed presentation. Each week, practices and applications will be realized by students in consideration of manual and computer aided visualization skills. Also, the students will practice the post-production techniques on pre-rendered scenes and at the end of the semester, they will integrate their knowledge and ability with their “Core Studio Project” as Final Submission of this course.

INAR 350 Acoustics and Lighting in Design

This course aims to provide an introduction to the theoretical foundations of lighting and acoustics in interior and architectural design. The course is organized in two sections: The first half of the semester deals with lighting: physics of light, visual comfort, daylight and artificial lighting. The second half is dedicated to acoustics: physics of sound and human hearing; outdoor and indoor sound propagation; sound insulation, and design guidelines for acoustics and noise control. Lectures are integrated with specific design exercises.

INAR 351 History of Furniture Design

This course focuses on the design, production and use of furniture in history. The aim is to understand interior organizations and arrangement of furniture in their historical development considering different cultures and traditions. The history of furniture will be studied in the larger context of contemporaneous art movements, design cultures, and traditional and industrial production methods.

INAR 352 Computational Design for Interiors

The aim of this course is to introduce students to the practice of computational design. Students will explore most common tools and techniques in Rhinoceros and Grasshopper plug-in. The aim is to help students gain a critical understanding of parametric thinking and decision making



processes. Rhinoceros and Grasshopper will be introduced in this course. In addition, students will be familiar with Computational Form Making, Performance Analysis and Digital Fabrication.

INAR 360 Adaptive Reuse of Buildings

The aim of this course is to provide awareness about specific issues involved in the renovation of various building types including historical as well as industrial and abandoned buildings. Seminars focus on analyses of building materials and construction techniques; solutions to material and construction problems; documentation of existing buildings by means of measured drawings, photographs and maps; evaluation of massing and plan types. Students are encouraged to develop critical perspectives in contemporary applications of adaptive reuse.

INAR 370 Kitchen and Bath Design

This course covers specific technical, ergonomic and functional requirements in kitchen and bath design for both residential and public buildings. Emphasis is placed on both new designs and renovations. The technical component of the course includes mechanical, electrical, plumbing, heating and cooling systems. The focus of the design component is on color, texture, ergonomic and cultural concerns. Using computer design software, students will be encouraged to simulate different design options to acquire a comparative perspective regarding various design solutions.

INAR 371 Perception in Interiors

This course aims to introduce concept of spatial perception with the view of user and spatial parameters. The course emphasizes the significance of color, texture and light relation in the perception of spaces created for various functions. The course consists of two modules: First module presents the fundamental theories and concepts related with the perception and interiors with the regard of components especially color, texture and light. In the second module, perception in interiors serving different functions, are analyzed in both physical and semantic view. Also, it provides students to practice the relationship between color, texture and light with an example of a selected interior.

INAR 380 Yacht Design

In this course, special consideration is given to norms, standards of human ergonomics and universal design principles for floating objects and spaces. Basic themes include the concept of mobility, balance, speed and orientation; efficient use of space; and detailing and application of intelligent systems in an unstable environment. The course also offers a review of aesthetic considerations in boat interiors which involve extensive knowledge of materials and their application methods. Students will get a chance to investigate various means of designing comfortable, safe and attractive spaces for yacht interiors.

INAR 381 Craft for Interiors

The course aims at introducing students to Turkish traditional craft and skills involved in craftsmanship, thus developing critical understanding of craft and adaptation of traditional craft to contemporary interiors. The course encourages students to observe local crafter's skills and methods- explore traditional materials, technical processes - implementing a new design



by reinterpreting traditional craft with using digital technology and diverse materials. The course will comprise topics associating, cultural heritage of Turkish traditional crafts, types, in relation with variety scale of design in different eras, meanings, symbols, material, techniques, integration of craft and interior architecture.

INAR 390 Exhibition and Set Design

This course emphasizes the aesthetic and functional importance of form and space in exhibition and set design including productions for various media including theater, television and film. Students will understand the semiotic significance of design in line with production considerations for different exhibitions and performance types. By means of case studies and attendance to various performances they will learn the role of such factors as lighting, sound and multimedia effects in relation to specific scenarios.

INAR 391 Commercial Space and Display Design

The course aims to introduce the design knowledge of commercial display design for different types of target audience and encourage students to practice in line with the knowledge gained with a small project. This course emphasizes the aesthetic and functional importance of color, form and space in commercial displays as well as objects and art exhibitions. Students will understand the semiotic significance of exhibition design in line with sustainable considerations for different user profiles and products.

INAR 450 CAD-CAM and Rapid Prototyping

Ongoing industrialization and the complexity in form generation by means of digital technologies in design, provides new challenges and opportunities for architects, beyond the use of traditional building techniques and materials. The topic of this course is the use of CAD-CAM technologies and the development of integral innovative design methods. Students are stimulated to learn and use these facilities and to make prototypes in close collaboration with the building industry. Besides, they will have the opportunity to make physical models at CAD-CAM laboratories.

INAR 451 Street Furniture Design

This course aims at exploring and investigating various aspects of street furniture including function, aesthetics, ergonomics and contextual considerations. Special consideration is given to public gathering spaces and emphasis is placed on case studies including designs for benches, bus shelters, pedestrian pathways, garbage baskets and lighting fixtures. Students will gain an awareness of the importance of universal design principles in street furniture design.

INAR 452 Non-Western Traditional Interior Architecture

The aim of this course is to introduce the students to the non-western traditional culture and architecture in different regions in terms of indoor environmental quality and formation of the plan layouts regarding both interior and exterior spaces. The course includes next to the Turkish, also Indian, Egyptian, Algerian, Iranian, Moroccan and Far-East traditional architecture and interiors. Main themes include: the characteristics of the non-western interior architecture; the climate & sustainability aspects such as heating, cooling, ventilation, lighting



(day/artificial); energy and materials of these traditional buildings. This course aims to gather the existing knowledge on the above mentioned subject and add the new ones to it. Therefore, it is research oriented.

INAR 460 Contemporary Issues in Housing

This course focuses on various aspects of contemporary housing in the age of globalization. Cultural, technological, social, economic and political aspects of housing are discussed in view of such phenomena as large scale migration and unprecedented flow of international capital. The course explores the relationship between everyday life and residential space from a user-centered perspective.

INAR 461 Corporate Identity in Design

Corporate Identity is a strategic framework for managing a company's full range of visual output in the form of products, logos, packaging, buildings, showrooms, advertisements and company uniforms. In this course students will learn the methods and significance of corporate identity design as a systematic process the successful implementation of which adds value to the firm and reduces communication costs. The course conduct includes lectures, discussions and design exercises.

INAR 470 Professional Practice

This course focuses on various ways by which students can practice their professional skills upon completion of their university education. It includes lectures by invited professionals to familiarize the students with different aspects of their chosen discipline. Students will learn about the demands of the market, the range of needed skills, and possibilities and limitations of participating in a competitive professional market.

INAR 471 Vernacular Architecture

This course aims to introduce students about vernacular architecture which have formed in thousands of years and to provide them benefit from the built environment experiences while solving the design problems. Students will learn the basic concepts of the local architecture; study the art of building in different geographies and climates within their own context; investigate materials and construction techniques as well as indoor / outdoor elements and they will evaluate, interpret and compare traditional environment.

INAR 472 Urban Interiors

Public space, as a space of confrontation, common action, and reconciliation - open to be formed and re-formed by its public, is a rapidly narrowing condition. The urban realm still hosts many layers but the definitions of private and public has long been blurred. Urban Interiors is a term to define spatial formations that are by nature subject of commons even if they lie beyond the formal organization and control over public space. This course is devoted to the discussion and practice of small-scale urban interventions within the fields of art and design in architectural and urban scale. The students will analyze and investigate existing practices that deal with questions of urbanity and publics through spatial means. Their research and discussion will continue in the form of a project, tailored for specific locations in



Izmir. The course takes the format of a seminar-studio where student contributions play a crucial role. Main topics of discussion include public space, urban issues, and socially oriented design processes. The outcomes can range from urban furniture to building extensions, from public gardens to direct social interventions.

INAR 480 Cultural Heritage & Conservation

The aim of this course is to provide students a broad overview about conservation of cultural heritage and to introduce them with theory, technique and processes for the protection of cultural heritage. Seminars focus on measurement and drawing technics of survey; analysis methods of materials and construction technics of historical buildings; principles and methods of restoration; conservation problems and their solutions; new buildings in historical environments.

INAR 481 Serious Gaming in Design

The aim of the course is to develop each student's skill sets, both theoretical and practical, with regards to the design and study of serious game systems. The course consists of fundamentals of designing serious game systems, including mechanics, psychology of play and marketing.

INAR 482 Textile Technology for Interior Architects

Aim of the course is equipping the students with information about technical and functional properties of interior textiles. Interior design students are aimed to be able to classify textiles according to their fiber types and textures. They build the skill to evaluate the effect of their physical, mechanical and chemical properties on textile products, suggest proper end uses of the fibers considering their favorable properties. The course content includes characteristics, use and production of textile materials used in interior design; the physical, mechanical and chemical properties of textile products; end use of the textiles considering their favorable properties; and ornament or embellishment techniques of textile surfaces.

INAR 490 Briefing & Catalogue Design

The aim of this course is to familiarize students with the process of preparing briefing and catalogue design. The aim of catalogue design is to present an interior design project systematically as an organized, detailed descriptive list of items. Students will be instructed in visual communication and presentation techniques in order to prepare the design catalogue of their term project under the guidance of their related instructors.

INAR 491 Special Topics in Spatial Design

The aim of this course is to solve design problems for special topic areas, where students cannot find a chance to design some specific spaces in the curriculum. They will be required to work on a given area, to identify and solve specific design problems in detail. Application detailing with solutions, materials and presentation techniques provide additional advantages to this course. The course covers the application of the design theories, methods and all information gained by students during their education. Topics includes residential or non-residential



projects. Site and fair visits related with the term subject will be added the course outline each semester.

INAR 492 Practices and Discourses of Interior Architecture in Turkey

The aim of the course is to introduce and analyze diverse practices as well as discourses related to interior architecture in Turkey from early Republican era to the present day. The course will investigate the evolution of the discipline of interior architecture in a local context. The practices and discourses in Turkey will be evaluated in comparison to their global contemporariness. The course will also question the relationship of the discipline with adjacent design disciplines such as architecture and industrial design in Turkey context.