

FACULTY OF FINE ARTS AND DESIGN – KTO KARATAY UNIVERSITY



**KTO KARATAY
ÜNİVERSİTESİ**

KTO KARATAY UNIVERSITY FACULTY OF FINE ARTS AND DESIGN

ERASMUS+ Course Catalogue

for the academic year 2019/2020 Spring Semester

KONYA, 2019-2020

FACULTY OF FINE ARTS AND DESIGN – KTO KARATAY UNIVERSITY

(ALPHABETICAL) LIST OF COURSES WITH CODES

KONYA, 2019-2020

Architectural Design – 1 – MIM 211

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Compulsory
NUMBER OF HOURS: 4+4	ECTS TYPE: 8
SEMESTER: 3	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: (MIM 110)	
<p>CONTENTS:</p> <ol style="list-style-type: none">1. General introduction to content, context, objective and method of the course Information on the subject and the course Schedule2. Technical site trip Site analysis3. Presentations (Natural / built environment organizations, landscape elements) Presentations (Architectural programming, function and circulation diagrams)4. Individual critiques5. Individual critiques6. Submission: Site analysis Submission: Site model7. Individual critiques8. Individual critiques9. Preliminary jury10. Individual critiques11. Individual critiques12. Individual critiques13. Presentation on materials and architectural representation techniques Group critiques Pre-submission (Architectural drawings and model) Individual critiques through the submitted work14. Presentation studies	

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EFFECTS OF EDUCATION PROCESS:

1. Express the environmental analysis and the organization of space as the components of the architectural design process.
2. Relate the design process of architectural space with the knowledge on functions and space organization through architectural programming, function and circulation diagrams.
3. Evaluate the relationships between the data of the natural / built environment, related with the given design problem and architectural program through the basic architectural concepts, such as form, function, structure, construction, context, materials, public-private space and landscape.
4. Produce architectural solutions by focusing the defined priorities of design on an architectural concept
5. Express the original design ideas and architectural solutions, produced at the end of research, analysis, synthesis and repetition processes, integrating through different techniques and scales of architectural expressions

LITERATURE (OPTIONAL):

Neufert, E., Architects Data, Oxford, Blackwell Publishing, 1983

Ching, F.D.K., Architecture: Form, Space, and Order, John Wiley & Sons, New York, 1996.

TEACHING METHODS: Simple design problems as tools to gain proficiency in various representation techniques; 2D - 3D drawings and modelling; introduction of computer techniques through uncomplicated design work; aptitude in explication of ideas through a personalized visual language; enhancement of intuition relevant to issues of design such as building construction and structural systems through simple design problems; discussion on the relationship of architectural materials with the environment through small scale design exercises; organization of field trips for understanding and evaluating natural, historical and cultural environments.

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Asist Prof. Dr. Ayşegül TEREÇİ, aysegul.tereci@karatay.edu.tr

Compute Aided Design (Cad) 1 – MIM 215

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Compulsory
NUMBER OF HOURS: 2+2	ECTS TYPE: 3
SEMESTER: 3	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS:	
<p>CONTENTS:</p> <ol style="list-style-type: none">1 Aim of the course. Introduction to the basic concepts of computers and information technologies in architecture2 Use of layers; image and text editing and transformations3 Basic tools and application4 Coordinate systems, basic draw and display commands5 Draw and modify commands6 Drawing aids7 Drawing aids8 Application9 Midterm Exam10 Advanced editing commands; text commands and editing11 Advanced editing tools12 Crosshatching13 Plotting options14 Application	

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EFFECTS OF EDUCATION PROCESS:

- 1 Recognizing the logic of computer aided architectural drawing softwares and using them.
- 2 Developing the architectural expression and presentation skills in multimedia
- 3 Providing the understanding that allows self improvement and update of the gained multimedia skills

LITERATURE (OPTIONAL):

TEACHING METHODS: The course introduces the essential techniques of graphics, and stresses the incorporation and application of those within the virtual technology like Computer Aided Design (CAD).

ASSESSMENT METHODS: Mid-terms %40, Final examination %60

LECTURER (NAME, EMAIL CONTACT): Asist Prof. Dr. Halil SEVİM, halil.sevim@karatay.edu.tr

Urban Architecture and Space-MIM 265

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Elective
NUMBER OF HOURS: 2+0	ECTS TYPE: 2
SEMESTER: 3	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS:	
CONTENTS: 1 Introduction: objectives, contents, and methods 2 Concept of Space, the Physical and Social Elements of Space and Spatial Activities 3 Qualitative evaluation of space 4 Perception, image and meaning 5 Spatial and environmental perception 6 Factors affecting spatial perception 7 Spatial reading approaches 8 Different approaches in spatial reading 9 Midterm exam 10 Reading the selected historical spaces 11 Reading the selected historical spaces 12 Reading the selected historical spaces 13 Presentation of take-homes 14 Presentation of take-homes, General evaluation.	

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EFFECTS OF EDUCATION PROCESS:

- 1 Ability to explain the basic concepts regarding place, perception, image, meaning and perceiving.
- 2 Ability to interpret a historical place based on different points of view and materials
- 3 Ability to infer conclusions regarding historical places at different scales and qualities from written sources.

LITERATURE (OPTIONAL):

LYNCH, K., 1960, The Image of the City, Cambridge, MA.

RAPOPORT, Amos, 1990, The Meaning of the Built Environment, Tucson, The University of Arizona Press.

GÖREGENLİ, M., 2005, Çevre Psikolojisinde Temel Konular. Ege Üniversitesi Yayınları

LAWSON, Bryan, 2001, The Language of Space, Oxford, Architectural Press

GÖREGENLİ, Melek, 1986, Kentsel alanların algılanması ve kentsel imajlar. IV.Ulusal Psikoloji Kongresi. ODTÜ.

TEACHING METHODS: This course, which will focus on the cities that contain both historical heritage and present-day dynamics, will be constructed with the motivation to observe, determine and research the relations between macro forms and interfaces on the one hand and the physical structuring and social structuring on the other.

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Prof. Dr. Sami Güven BİLSEL, sami.guven.bilsel@karatay.edu.tr

Architectural Design – 2-MIM 212

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Compulsory
NUMBER OF HOURS: 4+4	ECTS TYPE: 8
SEMESTER: 4	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: (MIM 211)	
<p>CONTENTS:</p> <ol style="list-style-type: none">1 General introduction to content, context, objective and method of the course Information on the subject and the course Schedule2 Technical site trip Site analysis3 Presentations (Natural / built environment organizations, landscape elements) Presentations (Architectural programming, function and circulation diagrams)4 Individual critiques5 Individual critiques6 Submission: Site analysis Submission: Site model7 Individual critiques8 Individual critiques9 Individual critiques Individual critiques Preliminary jury10 Individual critiques11 Individual critiques12 Individual critiques13 Presentation on materials and architectural representation techniques Group critiques Pre-submission (Architectural drawings	

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and model) Individual critiques through the submitted work
14 Presentation studies

EFFECTS OF EDUCATION PROCESS:

1. Express the environmental analysis and the organization of space as the components of the architectural design process.
2. Relate the design process of architectural space with the knowledge on functions and space organization through architectural programming, function and circulation diagrams.
3. Evaluate the relationships between the data of the natural / built environment, related with the given design problem and architectural program through the basic architectural concepts, such as form, function, structure, construction, context, materials, public-private space and landscape.
4. Produce architectural solutions by focusing the defined priorities of design on an architectural concept.
5. Express the original design ideas and architectural solutions, produced at the end of research, analysis, synthesis and repetition processes, integrating through different techniques and scales of architectural expressions.

LITERATURE (OPTIONAL):

Neufert, E., Architects Data, Oxford, Blackwell Publishing, 1983

Ching, F.D.K., Architecture: Form, Space, and Order, John Wiley & Sons, New York, 1996.

TEACHING METHODS: Architectural design-2 studio focuses on architectural design in relation to materials and context by considering aesthetic, theoretical, technical and functional aspects. It aims to develop the resolution of spatial organization in parallel with a conscious response to program. It consists of analytical projects that introduce contextual, environmental and material awareness, which in turn advance spatial awareness

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Prof. Dr. Sami Güven BİLSEL, sami.guven.bilsel@karatay.edu.tr

Compute Aided Design (Cad) 2 – MIM 216

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Compulsory
NUMBER OF HOURS: 2+2	ECTS TYPE: 3
SEMESTER: 4	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS:	
CONTENTS: <ol style="list-style-type: none">1. Aim of the course. Introduction to the basic concepts of computers and information technologies in architecture2. Basic tools and application3. Basic tools and application4. 3D modelling commands5. 3D modelling commands6. Basic objects modelling7. Architectural 3D modelling8. Application9. Midterm Exam10. Assigning materials and editing	

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11. Rendering and light settings
12. Rendering and light settings
13. Animation
14. Animation

EFFECTS OF EDUCATION PROCESS:

1. Recognizing the logic of computer aided architectural drawing softwares and using them.
2. Developing the architectural expression and presentation skills in multimedia
3. Providing the understanding that allows self improvement and update of the gained multimedia skills

LITERATURE (OPTIONAL):

TEACHING METHODS: The course introduces the essential techniques of graphics, and stresses the incorporation and application of those within the virtual technology like Computer Aided Design (CAD).

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Asist Prof. Dr. Halil SEVİM, halil.sevim@karatay.edu.tr

Color in Architecture – MIM 266

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Elective
NUMBER OF HOURS: 2+0	ECTS TYPE: 4
SEMESTER: 4	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS:	
CONTENTS: 1 Vision principles and light 2 Luminance differences and visual performance 3 Natural lighting design 4 Midterm exam determination and general information about the case studies 5 Sparkle, reflection, types of reflection 6 Artificial lighting 7 Energy and lighting 8 Basic principles of interior lighting design 9 Midterm exam	

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- 10 Lighting design principles according to different type of interiors and its effects on pattern ad texture
- 11 Lighting design principles according to different type of interiors
- 12 Lighting design project
- 13 Discussing the sheet dimensions, model types and presentation
- 14 Submission of lighting design project

EFFECTS OF EDUCATION PROCESS:

- 1 Makes analytical analysis of any space
- 2 Defines and analyses the lighting design codes of any interior
- 3 Makes an interior lighting design designs by coordinating 2 and 3D thinking processes
- 4 Establish a relationship between lighting, color and texture in the designed environment

LITERATURE (OPTIONAL):

Ching F.D.K. (2011). İç Mekan Tasarımı. çev. Elçioğlu B. İstanbul: YEM Kitabevi
Winchip Susan (2011). Fundemantals of Lighting 2nd Edition, NastPub.,Canada
Stafford Cliff, Gilles de Chabaneix(2010). The way we live with color. Thames&Hudson

TEACHING METHODS: Analytical research process Case study Spatial organization Design methods Design principles Interior and contemporary lighting design

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Asist Prof. Dr. Ayşegül TERECİ, aysegul.tereci@karatay.edu.tr

Architecture and Psychology – MIM 268

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Elective
NUMBER OF HOURS: 2+0	ECTS TYPE: 4
SEMESTER: 4	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS:	
CONTENTS: 1 Design psychology 2 Cognitive approach to design, Gestalt approach, behaviourist approach 3 Creative thinking and problem solving 4 Collaborative design vs. individual design 5 Collaborative designing in digital (virtual) media. Personal styles of learning and designing 6 User-designer cognitive interaction and negotiations 7 Student presentations	

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8 Environmental, architectural psychology

9 Midterm Exam

10 Perception, cognition and patterns of spatial behaviour

11 Spatial territory, concepts of crowding and privacy

12 Problem of adaptation and change, other models of man-environment relations

13 Relations of design thinking and spatial experience

14 Creating and experiencing space, meaning of space

EFFECTS OF EDUCATION PROCESS:

1 Understanding of architectural psychology

2 Using and evaluating science of psychology in creating the space,

3 Producing knowledge about meaning of the space,

4 Ability to make research based on behavioral issues and design process

LITERATURE (OPTIONAL):

Feireiss, L. (Ed.), 2011, Testify! The Consequences of Architecture, NAI Publishers

Canter, D., 1977, The Psychology of Place, The Architectural Press, London.

Franck, K.A. and Lepori, R.B., 2007, Architecture from the Inside Out, WileyAcademy

Bell, B., (Ed.), 2004, Good Deeds, Good Design: Community Service Through Architecture, Princeton Architectural Press.

TEACHING METHODS: User needs and psychological fundamentals. Theories of environment-behaviour relations. User behaviour in the environmet. Privacy, safety, personal space, territory mechanisms in the use of space. Architectural design process and psychological fundamentals. Basic theories and concepts. Problem solving/creative logic processes, technics, and their applications.

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Asist Prof. Dr. Özlem Demirkan, ozlem.demirkan@karatay.edu.tr

Architectural Design III - MIM311

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Compulsory
NUMBER OF HOURS: 4+4	ECTS TYPE: 8
SEMESTER: 5	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: (MIM212)	
CONTENTS: 1 Introduction to the course. Announcement of the studio program and the projects. 2 Presentation (Context) 3 Site Analysis Studies 4 Site Analysis Studies 5 Preliminary Jury 6 Programming	

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7 Studies on the Architectural Concept

8 Individual Criticisms

9 Individual Criticisms

10 Preliminary Jury

11 Individual Criticisms

12 Individual Criticisms

13 Individual Criticisms

14 Submission of the Project and Jury Assessments

EFFECTS OF EDUCATION PROCESS:

1. Student will be able to apply compositional techniques to architectural design projects.
2. Student will be able to solve architectural design problems using a combination of digital and manual presentation techniques.
3. Student will be able to create architectural graphics using a combination of digital and manual presentation techniques.
4. Student will be able to demonstrate a methodological approach to solving design problems.
5. Student will be able to create architectural forms that demonstrate basic tectonic expression.

LITERATURE (OPTIONAL):

Z. Ahunbay , 1996,Tarihi Çevre Koruma ve Restorasyonlar, Yapı Endüstri Merkezi Yayınları

İlhan Tekeli, 2011,Kent Kentli Hakları Kentleşme Ve Kentsel Dönüşüm, Tarih Vakfı Yurt Yayınları

TEACHING METHODS: Making design experiments in the special areas of the city, within the scope of texture, function, history, natural and topographic characters. Studies will begin with analyzing social, spatial and functional data of the defined region. Based on these researches, the proposals made by the students will be discussed; issues like new functions in the developing parts of the city, historical characteristics, rehabilitation of the buildings, arrangement of open spaces and urban voids will be taken on the agenda. Within these approaches, in the design proposal of the building, spatiality, design problems caused by the organization of different functions are the important stages to be evaluated.

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Prof. Dr. Kerim ÇINAR, kerim.cinar@karatay.edu.tr

Building Project- MIM325

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Compulsory
NUMBER OF HOURS: 2+4	ECTS TYPE: 6
SEMESTER: 5	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: (MIM227) and (MIM220) and (MIM124)	
CONTENTS: 1 Explanation of the topic, Discussion of the program, Research on the topic to be submitted on the third week 2 Concept project in 1/100 scale and jury presentations 3 Concept project in 1/100 scale and jury presentations Submission of work completed during first week 4 Submission of concept project in 1/100 scale Presentation on technical drawings for reinforced concrete buildings Application project in 1/50 scale: plans, sections, elevations 5 Application project in 1/50 scale: plans, sections, elevations	

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- 6 Application project in 1/50 scale: plans, sections, elevations
- 7 Application project in 1/50 scale: plans, sections, elevations
- 8 Midterm Exam
- 9 Submission of application project in 1/50 scale System details in 1/20 scale
- 10 System details in 1/20 scale, Point details in 1/5, 1/2, 1/1 scale
- 11 System details in 1/20 scale, Point details in 1/5, 1/2, 1/1 scale
- 12 System details in 1/20 scale, Point details in 1/5, 1/2, 1/1 scale
- 13 System details in 1/20 scale, Point details in 1/5, 1/2, 1/1 scale
- 14 Submission of the final project

EFFECTS OF EDUCATION PROCESS:

- 1 Designing a project for a given topic,
- 2 To translate an architectural design project they have created into a construction application project,
- 3 To transfer the knowledge that is gained during the undergraduate building construction courses to a construction application project
- 4 To create a construction application project according to building codes
- 5 To solve detailing problems within a construction application project

LITERATURE (OPTIONAL):

- Ramsey,Sleeper “Architectural Graphic Standards” (Wiley)
Yücesoy “Temeller, Duvarlar, Döşemeler”, (Yapı Yayın)
Toydemir, Bulut “Çatılar”, (YEM Yayın)
Mimarlar Odası Genel Merkezi “Mimari Proje Çizim ve Sunuş Standartları”
Bayındırlık ve İskan Bakanlığı “Mimari Proje Düzenleme Esasları”
Ching, Onouye, Zuberbuhler “Building Structures Illustrated” (Wiley) • Ching “Building Construction Illustrated” (Wiley)

TEACHING METHODS: The students are expected to design a building construction project from scratch to construction details in the framework of a given project subject.

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

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LECTURER (NAME, EMAIL CONTACT): Asist Prof.Dr. Ayşegül TEREÇİ, aysegul.tereci@karatay.edu.tr

Architectural Design IV - MIM312

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Compulsory
NUMBER OF HOURS: 4+4	ECTS TYPE: 8
SEMESTER: 6	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS: (MIM311)	

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CONTENTS:

- 1 Introduction/ Course Brief
- 2 Seminar/ Case Studies, Precedent Studies
- 3 Seminar / Place: Urban Situation and Relations
- 4 Conceptual Design Studies Urban Context
- 5 Conceptual Design Studies Program Inputs
- 6 Jury Evaluation 1
- 7 Preliminary Design Studies Program Inputs
- 8 Preliminary Design Studies Spatial Articulations
- 9 Preliminary Design Studies Form Studies
- 10 Preliminary Design Studies Engineering Systemm Inputs
- 11 Preliminary Design Studies Construction Ssystems and Materials Inputs
- 12 Jury Evaluation 2
- 13 Architectural Design Development Research
- 14 Architectural Design Presentation Research

EFFECTS OF EDUCATION PROCESS:

- 1 The achievement of advanced design notions
- 2 Data collection, research and representation in complex urban situations
- 3 Development of relevant architectural solutions to a situation defined in an inter disciplinary section through implementation of appropriate design strategies
- 4 Coordination of advanced architectural design processes
- 5 Research on advanced technology and material potentials in architectural design
- 6 Representing the developed design solution/object information as multimedia outcomes.

LITERATURE (OPTIONAL):

The New Structuralism: Design, Engineering and Architectural Technologies Rivka Oxman,Robert Oxman(Editor), Wiley; 2010

TEACHING METHODS: Development of personalized processes of data collection, analysis and building programming which reflect the nature and interests of designers; discussions and definition on design aspects including topos, program, space, identity, representation in reference to the particular design situation; development of ability of applying the knowledge about structures,

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costruction and detailing through the design process; control of the ability of developing complicated programs for complex urban tissues and integrating relevant design solutions.

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Instructor Celaleddin KASAPÖĐLU, celalettinkasapoglu@gmail.com

Urban Planning Project - MIM348

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Compulsory
NUMBER OF HOURS: 2+2	ECTS TYPE: 3
SEMESTER: 6	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	

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PRELIMINARY REQUIREMENTS: (MIM313)

CONTENTS:

1. Introduction Working area of urban science and urban scales
2. Planning, urban planning, urban land use
3. Urban development process
4. Urban transportation
5. Urban design
6. The classification of law and development law in Turkish legal system, its scope and application area
7. Master plans
8. Midterm Exam
9. Special purposed plans
10. Special purposed plans
11. Special purposed plans
12. The implementation of local detailed plans
13. Building permission and control
14. Building permission and control

EFFECTS OF EDUCATION PROCESS:

1. To understand multi dimensional local and global effects on urban development process
2. To understand the properties of the different characteristics of the city, to gain consciousness to possible developments
3. Awareness, comprehension and learning and application related to laws and regulations that shape the legal and administrative processes of planning activities at the different scale
4. Awareness, comprehension and learning and application related to fairness, public interests and ethical values
5. Awareness, comprehension and learning related to decision making according to values, agreements and regulations that accepted at the national and international platform, and leading the society at the decisions

LITERATURE (OPTIONAL):

Schwalbach, G., 2009, Basics Urban Analysis, Birkhauser Basel, Berlin

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TEACHING METHODS: History of urban planning process. Urban Components: Residential,commercial, recreational areas and transportation. Population and land use densities. Development plans, their purposes and implementation technics. Planning law, regulations and architecture. Urban design principles. Urban spatial patterns.

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Prof. Dr. Ümmügülsüm DAĞLIOĞLU, gulsumter@hotmail.com

Architectural Design V – MIM411

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Compulsory
NUMBER OF HOURS: 4+4	ECTS TYPE: 8
SEMESTER: 7	CLASS LEVEL: Bachelor's Degree

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LANGUAGE OF INSTRUCTION: Turkish

PRELIMINARY REQUIREMENTS: (MIM312)

CONTENTS:

- 1 General introduction to content, context, objective and method of the course Information on the subject and the course Schedule
- 2 Technical site trip Site analysis
- 3 Presentations (Natural / built environment organizations, landscape elements) Presentations (Architectural programming, function and circulation diagrams)
- 4 Individual critiques
- 5 Individual critiques
- 6 Submission: Site analysis Submission: Site model
- 7 Individual critiques
- 8 Individual critiques
- 9 Preliminary jury
- 10 Individual critiques
- 11 Individual critiques
- 12 Individual critiques
- 13 Presentation on materials and architectural representation techniques Group critiques Pre-submission (Architectural drawings and model) Individual critiques through the submitted work
- 14 Presentation studies

EFFECTS OF EDUCATION PROCESS:

- 1 Demonstrate having adequate knowledge and skills to create quality environments at an urban scale
- 2 Demonstrate an understanding of the contemporary contexts in the field of architecture.
- 3 Demonstrate an understanding of site analysis.
- 4 Demonstrate an understanding of design thinking as responsive to and shaper of social and cultural context
- 5 Visually communicate architectural concepts and design intent using discipline-specific techniques

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LITERATURE (OPTIONAL):
TEACHING METHODS: Global philosophical and artistic discussions, national realities, postmodern deregulation policies and regional stances are incorporated into workshop. Architectural studio work takes over the options of town planning in relation to specified site; mutual relations of proposals and the existing town are reflectively brought to the design board. According to regional properties sources of natural energy with respect to sustainability, protection and preservation qualities and principles of approach to such specific sites, urban transformation projects can be issues to attack in this workshop.
ASSESSMENT METHODS: Mid-terms %40, Final Examination %60
LECTURER (NAME, EMAIL CONTACT): Asist Prof.Dr. Aysegül TERECİ, aysegul.tereci@karatay.edu.tr

Arrangement of Historical Sites and Restoration Project– MIM443

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Compulsory
NUMBER OF HOURS: 2+2	ECTS TYPE: 3

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SEMESTER: 7	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS:	
CONTENTS: <ol style="list-style-type: none">1. The purpose of the subject, determining the application2. The distribution of the group of cultural heritage and restoration projects will be the creation of groups3. Expression and the supply of building survey techniques and materials to be used in the statistical survey4. Expression and the supply of building survey techniques and materials to be used in the statistical survey5. Introduction of photogrammetric survey programs that will help in building surveys facade6. Rolove intake7. Rolove intake8. Roloves of plan and section9. Midterm10. Rolove of facade and details11. Rolove reports12. Restitution Project13. Restitution Project14. Restitution Project	
EFFECTS OF EDUCATION PROCESS: <ol style="list-style-type: none">1 Gain cultural heritage and the criteria for their evaluation.2 Recognizes the historic environment and conservation gains consciousness3 Learn the methods of documenting historic structures and technical survey. This technique increases the practical applying a historic building4 After documenting historic buildings will learn the necessary techniques to prepare restitution and restoration projects. It learned that the information gained the ability to practice in a cultural asset.5 Organizations related to the protection of cultural heritage, learn the legislative and conservation education. The project makes	

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use of the information gained in the application skills 6 Gain the ability to work in groups
LITERATURE (OPTIONAL): Feilden, B. M., Conservation of Historic Buildings, Butterworth Heinemann,1982. Mardan, E., Kültürel ve Doğal Değerlerin Korunması, Mimarlar Odası Yayını, Ankara, 2005. Ahunbay, Z., Tarihi Çevre Koruma ve Restorasyon, YEM Yayınları, 1996.
TEACHING METHODS: It's explained historical evaluation and theoretical basis of conservation concept, conservation criterias, classification of architectural values, deterioration causes of buildings and historical environment. It's informed about conservation concepts in site and urban scale, single building and building groups, areal work and preparation stage of restoration projects with conservation and restoration examples in Turkey and the world.
ASSESSMENT METHODS: Mid-terms %40, Final Examination %60
LECTURER (NAME, EMAIL CONTACT): Asist Prof.Dr. Özlem DEMİRKAN, ozlem.demirkan@karatay.edu.tr

Ecological Design – MIM470

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Elective
NUMBER OF HOURS: 2+0	ECTS TYPE: 3

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SEMESTER: 8	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS:	
CONTENTS: 1 Introduction and aim of the course 2 Setting the Framework for Green Buildings 3 Setting the Framework for Green Buildings 4 The Healthy House and the its Materials 5 The Healthy House and the its Materials 6 Energy-Efficient Design and Construction and Accessibility 7 Sustainable Systems 8 Passive solar design 9 Midterm 10 Fundamental of Sustainable Energy: Energy from the sun 11 Wind energy 12 Verifying and Marketing Green Buildings 13 Presentations 14 Final	
EFFECTS OF EDUCATION PROCESS: 1 Students will be able to recognize ecological and bioclimatic design concept and attitudes 2 Students will be able to develop sensitivity towards an need of ecological behavior in our society 3 Students will be able to propose ecological solutions for in architectural projects 4 Students will be able to identify research opportunities in this field 5 Students will be able to evaluate an ecological and bioclimatic design project	
LITERATURE (OPTIONAL): Ken Yeang, 2012,Ekotasarım -Ekolojik Tasarım Rehberi, Yapı Endüstri Merkezi Yayınları	

FACULTY OF FINE ARTS AND DESIGN – KTO KARATAY UNIVERSITY

TEACHING METHODS: The course analyses, discusses and researches the eco system, ecological construction methods, bioclimatic design, environmental problems and pollution including air pollution, water pollution, solid wastes and noise pollution. Additionally, the course guides towards an investigation of ecological principles in human relationships, and the interaction with the environment. The course will focus on passive solar design, daylighting, PV, wind, double skin technologies, Cradle 2 Cradle, Design for Disassembly, Zero Carbon/Carbon Neutral strategies and other sustainability initiatives. Case studies will be used extensively as a vehicle to discuss the success/failure of ideas and their physical applications.

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Asist Prof.Dr. Aysegül TERECİ, aysegul.tereci@karatay.edu.tr

Architecture and Cinema – MIM482

FACULTY: Fine Arts and Design Faculty	CLASS TYPE: Elective
NUMBER OF HOURS: 2+0	ECTS TYPE: 3

FACULTY OF FINE ARTS AND DESIGN – KTO KARATAY UNIVERSITY

SEMESTER: 8	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS:	
CONTENTS: 1 Explaining the scope of the course and its method 2 On the Relation between Cinema and Architecture 3 Industrial Revolution and Reading Modernism on Cinema, Metropolis 4 Space experience in cinema 5 Architect director similarities and differences over Burton films 6 'My Architect' and Louis Kahn's architecture 7 Utopia, dystopia, heterotopia 8 City and cinema relation 9 Midterm 10 Fiction places in film, 11 Scenes of Human Construction 12 Space in spaces 13 Animation and space relation 14 Presentations 15 Final	
EFFECTS OF EDUCATION PROCESS: 1 Examining the relationship between cinema and architecture in the context of architect director with similarities and differences 2 Industrial revolution and modernism review through films 3 Rhythm and editing in cinema and architecture 4 Discussing the concept of utopia and dystopia 5 Space in the space, no room to examine the cinema.	

FACULTY OF FINE ARTS AND DESIGN – KTO KARATAY UNIVERSITY

LITERATURE (OPTIONAL):

Öztürk M.(ed). 2008. “Sinematografik Kentler: Mekanlar, Hatıralar, Arzular” Agora Kitaplığı.

Foss B. 2011. “Sinema ve Televizyonda Anlatım Teknikleri ve Dramaturji”. Hayalperest Yayınevi.

Armes R. 2011. “Sinema ve Gerçeklik: Tarihsel bir İnceleme”. Doruk Yayıncılık.

Aydın H, (ed). 2005. “Sinema Dersleri” İnkılap Yayınevi

TEACHING METHODS: On the Relation between Cinema and Architecture, Industrial Revolution and Modernism through Film, Rhythm in Cinema and Architecture, Fiction, Space in Cinema

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Asist Prof.Dr. Özlem DEMİRKAN, ozlem.demirkan@karatay.edu.tr

Architectural Photography – MIM484

FACULTY: Fine Arts and Design Faculty

CLASS TYPE: Elective

FACULTY OF FINE ARTS AND DESIGN – KTO KARATAY UNIVERSITY

NUMBER OF HOURS: 2+0	ECTS TYPE: 3
SEMESTER: 8	CLASS LEVEL: Bachelor's Degree
LANGUAGE OF INSTRUCTION: Turkish	
PRELIMINARY REQUIREMENTS:	
<p>CONTENTS:</p> <ol style="list-style-type: none">1. Introduction and brief technical history of photography.2. The place of photography in everyday life3. Camera / body4. Camera / lens5. Light metering and exposure6. Shutter / Aperture / ISO relationship7. Light and shadow8. Characteristics of light / white balance9. Midterm Examination10. Photographic composition11. Structure of digital photography12. Resolution and file formats13. Accessories and auxiliary tools, Flash as artificial light14. Presentations15. Final	
<p>EFFECTS OF EDUCATION PROCESS:</p> <ol style="list-style-type: none">1. Students should be able to understand how a photographic image is formed.2. They should be able to identify the controls on a manual photographic camera that directly effect the image.3. They should be able to operate a manual camera and previsualize the image before actually capturing it.4. They will learn about framing and how to arrange what will be in the frame of the photograph.	

FACULTY OF FINE ARTS AND DESIGN – KTO KARATAY UNIVERSITY

5. They will acquire the knowledge of visual perception principles and how their photography works in the sense of how they can affect people
6. The students will be able to shoot photographs according to a given brief.
7. They will be able to select a suitable small set out of a number of photographs shot about the same subject.
8. They will be able to develop and archive their photos in computer environment.
9. Students will develop the ability to use photography as a means of expression.

LITERATURE (OPTIONAL):

FOTOĞRAFIN KISA TARİHİ Walter BENJAMİN ÇEVİREN: OSMAN AHINBAY 2012 AGORA YAYINLARI

FOTOĞRAFLARIN YAPISAL ÖZELLİKLERİ VE FOTOĞRAF SANATINDA KOMPOZİSYON PROF. SABİT KALFAGİL İLKE YAYINLARI

MİMARİ FOTOĞRAF İNKILAP YAYINLARI DOÇ. DR. ÖZER KANBUROĞLU 2008

TEMEL FOTOĞRAF BİLGİSİ ÖNCÜ YAYINLARI EDİTÖR ÖMER GEMİCİ 2013

TEACHING METHODS: This course focuses on editing and post processing of photographic images. This includes shooting according to predefined expectations, creating small series, selecting the best out of a set of images and enhancing them before presentation and archiving.

ASSESSMENT METHODS: Mid-terms %40, Final Examination %60

LECTURER (NAME, EMAIL CONTACT): Asist Prof.Dr. Özlem DEMİRKAN, ozlem.demirkan@karatay.edu.tr