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EUROPEAN UNIVERSITY OF LEFKE  
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# Module Handbook

Architecture (B.A in Arch.)

Interior Architecture and

Environmental Design (B.A)

2023-2024 Academic Year



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## Introduction

Faculty of Architecture and Design provides a holistic and international education which highlights local values and real-life problems. Our aim is to educate individuals, who are capable of comprehending design within qualitative & quantitative values, who respect ethical values, who integrate technical skills with professional practice, and capable of responding to the question 'What & why do we design?', with the awareness of social issues while experiencing the Mediterranean spirit.

The mission of the Department of Architecture is to graduate students with strong ethical skills, who can combine their technical equipment with professional practice, and create unique designs with a high level of social awareness. The department values strong communication and the Mediterranean spirit. The vision of the department is to increase the possibility of artistic and scientific experiences in architectural design education; strengthening the alliance between design and technology for more sustainable, contemporary and professional solutions.

The aim of the Department of Interior Architecture and Environmental Design is to train young candidates fully prepared and equipped with knowledge to contribute to the creation of a better environment, to raise the quality of the interiors of buildings and public spaces and to come up with creative ideas to solve existing problems. The 4-year undergraduate program focuses on interior design projects, redesigning existing environments, public spaces and interiors in line with the physical boundaries or limits presented as well as the demands of the users.

The scope of the BA in Architecture and BA in Interior Architecture and Environmental Design study course encompasses 8 semesters. It ends with awarding degree of Bachelor of Arts in Architecture and Bachelor of Arts in Interior Architecture and Environmental Design module after completing all exams successfully. Altogether 240 ECTS credit points are mandatory for graduation.

This module handbook has been prepared to provide you with the necessary guidance along your academic path. However, it does not contain detailed and subject-to-change information about your courses. Therefore, you need to follow the announcements made on the boards, Moodle and Teams.

This module handbook will give you information on the following topics:

- The department to which a course belongs and the relevant course instructor
- course credit and content
- time required to study for the course

- course evaluation system
- course prerequisites and requirements
- examination requirements
- helpful information specific to that course
- recommendations from the instructors

In this module handbook, you will also find general information about the exams and specific grading, rules to be followed during exams, summer internship regulations, your rights and the code of behaviour required by the faculty.

Each student is assigned an advisor throughout their education. It is your responsibility to be in constant communication with your advisor. In addition, you can follow the office hours of the instructors at their doors and discuss issues related to your courses with them within these hours.

All students are expected to see their course advisor for registration at the beginning of the semester and follow their recommendations and instructions.

If there is a topic that you think is not clear enough, please consult your advisor and do not forget to follow the announcements for information that may be subject to change. The student must access the Teams and Moodle platforms and follow the up-to-date announcements.

You can also obtain detailed information about the general regulations (including payments and disciplinary regulations) by accessing the university website.

## General Rules Regarding Exams and Grading

In any given semester at least 1 midterm examination is required for every course. For design studios or applied courses, the instructor can choose a submission format.

The final exams are held the final exam week after the closing of classes. They are administered on dates specified in the Academic Calendar. In applied courses, evaluation can be based on project submissions, workshops, computer laboratory reports and/or examinations. Assignments/homework prepared during the term can be included in the overall evaluation. Homework will be assessed by the course instructor or an academic staff member assigned by the course instructor.

Students who are graded "FA" for a course when they do not fulfil the requirements of a certain course may not attend the final exams or make any submissions.

Whether due to illness or another approved reason given by the necessary department authorities, a student who cannot complete his/her course procedures or cannot attend an examination is awarded the "I" grading.

For students who cannot attend their initial examinations, make-up examinations are conducted. For every course, make-up examinations are conducted at the end of the semester. If students must attend more than one make-up examination the course with the heaviest grading load is selected.

Re-sit examinations for all courses (excluding the architectural design studio courses, graduation project, teaching/internship practice, etc.) are administered, at the end of the Fall and Spring Semesters (excluding the Summer Term) Students with a D- or F grade are eligible to take the exams. At the end of their re-sit examinations, the subsequent grade is calculated based on the entire grading of the student during the year for that course, i.e. the final exam grade will be replaced and recalculated.

The design studio jury formation and its evaluation process is a special organization in the faculty. The juries are divided into three categories, the in-term, midterm and final juries. The evaluation and grading of the design studies can be seen on the syllabus. In the in-term juries, the students present their projects to the studio tutors. In the midterm and final juries, external examiners are appointed and they are part of the design studio project's evaluation together with the design studio tutors. Objective criticism and evaluation by external examiners contribute to the student's design process. In a design studio, the final grade of a student is the calculated average from all jury members.

Students who cannot make submissions during the required exam period (midterms/preliminary submissions and finals included) due to a valid reason are obliged to notify their excuses in writing to the department head. If the head of the department approves,

these students can submit later; however, a grade reduction (20-30%) is applied for late submission.

Likewise, the projects of students, who cannot defend their projects in juries due to valid reasons will be evaluated in closed session.

Every student who is at the graduation semester but fails to fulfil all requirements to graduate is eligible to take the graduation make-up examination. Contacting the advisor is highly recommended.

Every student has the right to ask the relevant academic staff member to see all documents and exams involved in the determination of the semester grade no later than a week following the publication of the course grades.

Exam results are announced to the student within 5 business days. Any complaint concerning the grade must be made to the relevant the head of department no later than one week. A written petition form is required.

The student can use the right to withdraw from the course twice during his/her education. You should discuss the issue with your advisor when necessary. However, the right to withdraw from the course is not given before the end of the first year.

## Rules to Be Followed During Exams

According to the University exam regulations all students who will enter exams, are obliged to show their EUL ID before or during the exam when asked.

The students must attend the exam in the classes which are announced on the boards. FA students may not take final exams.

The students who are not on the OIBS lists may not attend the exam.

No electronic communication devices are allowed during the exam and will be kept out of the reach of the student.

During the exam, the materials (rubber, pen, calculator, etc.) are only to be used personally and will not be shared by students

During the exam, the students are accountable for any forbidden materials, documents, or any written scripts around them even if they do not belong to them. If such a thing happens the student(s) will be counted as cheated and will be treated as such.

During the exam, if any student misbehaves and obliterates the exam atmosphere and insists on doing so after the warning, they will be automatically taken out of the exam room.

Without considering the exam duration, the students are not allowed to leave the exam room for the first 30 minutes.

## Summer Internship Regulations

All students are obliged to complete two internship periods (24 working days should be completed for each internship) throughout the programs. Regular students should perform the site internship (ARCH 333/INAR 333 Summer Practice I) after completing the 4<sup>th</sup> semester. Students should perform the office internship (ARCH 444/INAR444 Summer Practice II) at the end of the 6<sup>th</sup> semester.

Internship Application and Submission dates are announced on the Faculty Boards.

The steps to be followed for the summer internship are:

- 1- Receiving the internship forms (Application form+ Acceptance form) from the advisor
- 2- Submitted the signed and stamped forms by licensed architect/interior architect) to the advisor back.
- 3- Filling Internship Insurance form with your advisor
- 4- Getting an Approval of the submitted forms from the advisor
- 5- Signing the relevant student list (confirming that the forms are approved by the advisor and the internship can be started)
- 6- Completing Summer Practice (24 working days)
- 7- Delivering of the internship book (each page has to be supervised and approved by the licensed architect/interior architect) and sealed envelope (which contains the performance report) to the internship commission members on the announced date.

## Code of Behaviour

The Faculty of Architecture and Design has established the Code of Behaviour to promote professional ethics and academic integrity. Every student studying at the faculty must comply with these rules. The purpose of these rules is to create an efficient and effective learning environment and to create a strong communication environment between the student and the instructor. In the faculty, all students and faculty members are expected to agree on core common values. These values are:

- \* respect for one another
- \* openness to new ideas and criticism
- \* creating better studio environments
- \* collaboration and idea sharing

### Studio culture and general rules

Design studios are constructed on a project-based learning system, which follows the missions of the programs. In these studios, students are expected to act with awareness of this mission and ethical values. Departments promote open dialogue in studios, an environment where diverse views are shared. Mutual respect and sharing are taken as basis in all studios.

Design studio reviews and critiques are essential elements of studio operation; they enable interaction between students, faculty members and external visitors if any. Students are expected to arrive at studios on time and remain engaged as active participants throughout the course. They should be prepared for a clear and meticulous presentation of their work and be able to discuss their work with the instructor.

Design studios progress with desk critiques. Desk critique is a traditional and essential component of the design studio, and it is a careful interaction between the student and the instructor. During desk critiques the tutors evaluate the student's design from all aspects and this gives the student the chance to make the necessary changes and to make improvements. It is very important to come prepared to every design studio and get critiques for being successful. Students are expected to present and defend their projects in open juries held during midterm and final periods. We highly encourage you to attend the studios on a regular basis and get critiques from your studio tutors. For the jury system please refer to 'general exam rules' section.

## General rules of conduct

1. Lessons are held Monday through Friday. The course schedule is announced to the students at the beginning of the semester. Students must arrive on time and during the whole semester they have to attend classes. Appropriate absence allowance is 20% for applied courses and 30% for theoretical courses. The exception to this rule is the death of a first-degree relative in the family.
2. Every student must carry a valid ID card issued by the university. Students are obliged to present their ID cards to the security personnel upon request.
3. Students should use all faculty premises with the utmost care. Proper use of design studio spaces is expected. Any damage to walls, doors, windows, equipment, furniture, etc. constitutes a violation of University discipline and is considered a punishable offence. In such a case, the accused student's defence is taken and if they are found guilty, they are punished according to the terms of the university disciplinary regulations, depending on the severity of the guilt.
4. During the lecture time, if any student misbehaves and disrupts the class atmosphere and insists on doing so after warning, they will be automatically dismissed from the class and referred to the university disciplinary board.
5. Smoking, including electronic cigarettes, and drinking alcohol inside the faculty building is prohibited.
6. Any verbal, written or visual expression/sharing that may reveal discrimination at the faculty, including but not limited to factors such as race, colour, religion, national or ethnic origin, marital status, citizenship, gender, sexual orientation, gender identity or expression, age, disability is strictly prohibited.
7. All submissions in courses involving design must be the student's original work. A student who is thought to have used work that does not belong to him/her will be referred to the disciplinary board. According to the disciplinary regulations of the European University of Lefke, the penalty for such behaviour is suspension from the university for one semester and termination of the scholarship.
8. For students who copy in examinations, attempt to copy, or assist in copying of their examination an "F" grade is awarded. A disciplinary investigation is also launched against that student. Additionally, a disciplinary investigation will be initiated against the student. According to the disciplinary regulations of the European University of Lefke, the penalty for such behaviour is suspension from the university for one semester and termination of the scholarship.

EUROPEAN UNIVERSITY OF LEFKE				
2023-2024 ACADEMIC CALENDAR				
FALL TERM				
September	25-29	Monday-Friday	2023	Course Registration Orientation Days for New Students
September	27	Wednesday	2023	Religious Holiday ( <i>Kandil</i> )
September	29	Friday	2023	English Language "Placement Test" for New Students
October	02	Monday	2023	CLASSES COMMENCE Starting Day for Late Registration
October	09	Monday	2023	Last Day for Late Registration
October	13	Friday	2023	Last Day for Course Add/Drop
November	15	Wednesday	2023	National Holiday ( <i>TRNC Republic Day</i> )
November	18-26	Saturday-Sunday	2023	MID-TERM EXAMS
December	22	Friday	2023	Last Day for Course Withdrawal
January	01	Monday	2024	Holiday(New Year's Day)
January	05	Friday	2024	Last Day of Classes
January	06-19	Saturday-Friday	2024	FINAL EXAMS
January	22-23	Monday-Tuesday	2024	Make-up Exams
January	25	Thursday	2024	GRADUATION CEREMONY
February	06-07	Tuesday-Wednesday	2024	Resit Exams
February	09-10	Friday-Saturday	2024	Graduation Make-up Exams
SPRING TERM				
February	08-12	Thursday-Monday	2024	Course Registration Orientation Days for New Students
February	12	Monday	2024	English Language "Placement Test"
February	12	Monday	2024	CLASSES COMMENCE Starting Day for Late Registration
February	20	Tuesday	2024	Last Day for Late Registration
February	23	Friday	2024	Last day for Course Add/Drop
March-April	30-07	Saturday-Sunday	2024	MID-TERM EXAMS
April	10-12	Wednesday-Friday	2024	Religious Holiday ( <i>Ramazan Bayrami</i> )
April	23	Tuesday	2024	National Holiday
May	01	Wednesday	2024	Spring Day
May	10	Friday	2024	Last Day for Course Withdrawal
May	31	Friday	2024	Last Day of Classes
June	01-12	Saturday-Wednesday	2024	FINAL EXAMS
June	13-14	Thursday-Friday	2024	Make-up Exams
June	13	Thursday	2024	GRADUATION CEREMONY
June	16-19	Sunday-Wednesday	2024	Religious Holiday ( <i>Kurban Bayrami</i> )
July	01-02	Monday-Tuesday	2024	Resit Exams
July	05-06	Friday-Saturday	2024	Graduation Make-up Exams
SUMMER TERM				
June-July	24-01	Monday-Monday	2024	Course Registration
July	02	Tuesday	2024	CLASSES COMMENCE
July	15	Monday	2024	Last Day for Late Registration
August	01	Thursday	2024	National Holiday
August	16	Friday	2024	Last Day of Classes
August	17-20	Saturday-Tuesday	2024	FINAL EXAMS
August	21	Wednesday	2024	Make-up Exams
August	23	Friday	2024	Resit Exams
August	26-27	Monday-Tuesday	2024	Graduation Make-up Exams

## Department of Architecture Undergraduate Curriculum

1st Semester					2nd Semester				
CODE	COURSE NAME	CREDIT	TYPE	ECTS	CODE	COURSE NAME	CREDIT	TYPE	ECTS
ARCH151	Basic Design I	(4-4) 6	C	10	ARCH152	Basic Design II	(4-4) 6	C	12
ARCH113	Freehand Drawing	(2-2) 3	C	6	ARCH108	Introduction to Building Science	(2-0) 2	C	4
ARCH103	Graphic Communication I	(2-2) 3	C	6	ARCH104	Graphic Communication II	(2-2) 3	C	8
COM109	Mathematics	(3-0) 3	C	5	COM106/O RT106	Turkish/Türkçe	(2-0) 2	C	2
COM100	Introduction to Computers	(3-0) 3	C	5	COM108/O RT108	History/Tarih	(2-0) 2	C	2
<b>TOTAL</b>		<b>18</b>		<b>32</b>	<b>TOTAL</b>		<b>15</b>		<b>28</b>
3rd Semester					4th Semester				
CODE	COURSE NAME	CREDIT	TYPE	ECTS	CODE	COURSE NAME	CREDIT	TYPE	ECTS
ARCH251	Architectural Design I	(4-4) 6	C	12	ARCH252	Architectural Design II	(4-4) 6	C	12
COM101	English I	(3-0) 3	C	3	COM110	English II	(3-0) 3	C	3
ARCH105	History of Art & Architecture I	(2-0) 2	C	4	ARCH106	History of Art & Architecture II	(2-0) 2	C	4
ARCH209	Computer Aided Design I	(1-2) 2	C	5	ARCH107	Surveying & Mapping	(1-2) 2	C	4
ARCH245	Statics	(2-0) 2	C	4	ARCH210	Computer Aided Design II	(1-2) 2	C	6
					ARCH208	Building Materials & Finishes	(2-0) 2	C	3
<b>TOTAL</b>		<b>15</b>		<b>28</b>	<b>TOTAL</b>		<b>17</b>		<b>32</b>
5th Semester					6th Semester				
CODE	COURSE NAME	CREDIT	TYPE	ECTS	CODE	COURSE NAME	CREDIT	TYPE	ECTS
ARCH351	Architectural Design III	(4-4) 6	C	10	ARCH352	Architectural Design IV	(4-4) 6	C	10
ARCH214	Building Construction and Detailing I	(1-2) 2	C	5	ARCH338	Principles of City Planning & Urban Design	(1-2) 2	C	6
ARCH365	Mechanical Systems in Buildings	(2-0) 2	C	3	ARCH339	Building Construction and Detailing II	(1-2) 2	C	5
CTE401	Occupational Safety and Health	(3-0) 3	F-E	5	ARCH368	Conservation & Restoration	(1-2) 2	C	5
CFE201	Leadership and Management	(3-0) 3	F-E	4	ARCH439	Meaning and Discourses in Design	(3-0) 3	T-E	4
ARCH333	Summer Practice I	(0-0) 0	C	3					
<b>TOTAL</b>		<b>16</b>		<b>30</b>	<b>TOTAL</b>		<b>15</b>		<b>30</b>
7th Semester					8th Semester				
CODE	COURSE NAME	CREDIT	TYPE	ECTS	CODE	COURSE NAME	CREDIT	TYPE	ECTS
ARCH 451	Architectural Design V	(4-4) 6	C	10	ARCH 452	Architectural Design VI	(4-4) 6	C	10
ARCH 340	Building Construction and Detailing III	(1-4) 3	C	5	ARCH 405	Professional Practice	(2-0) 2	C	6
ARCH 441	Construction Project Design	(2-6) 5	C	7	ARCH450	Experimental Design	(3-0) 3	T-E	5
ARCH 461	Graduation Project Research	(0-2) 1	C	2	CFE202	Environment and Sustainable Development	(3-0) 3	F-E	4
ARCH360	Small Space Design	(3-0) 3	T-E	4	ARCH428	Design Portfolio	(2-0) 2	C	5
ARCH 444	Summer Practice II	(0-0) 0	C	2					
<b>TOTAL</b>		<b>18</b>		<b>30</b>	<b>TOTAL</b>		<b>16</b>		<b>30</b>

Total Credit: 130-Total ECTS: 240 "C" Compulsory Course "F-E" Free Elective Course "T-E" Technical Elective Course

## Department of Interior Architecture and Environmental Design

### Undergraduate Curriculum

1st Semester					2nd Semester				
CODE	COURSE NAME	CREDIT	TYPE	ECTS	CODE	COURSE NAME	CREDIT	TYPE	ECTS
ARCH151	Basic Design I	(4-4) 6	C	10	ARCH152	Basic Design II	(4-4) 6	C	12
ARCH113	Freehand Drawing	(2-2) 3	C	6	ARCH108	Introduction to Building Science	(2-0) 2	C	4
ARCH103	Graphic Communication I	(2-2) 3	C	6	ARCH104	Graphic Communication II	(2-2) 3	C	8
COM109	Mathematics	(3-0) 3	C	5	COM106/0 RT106	Turkish/Türkçe	(2-0) 2	C	2
COM100	Introduction to Computers	(3-0) 3	C	5	COM108/0 RT108	History/Tarih	(2-0) 2	C	2
<b>TOTAL</b>		<b>18</b>		<b>32</b>	<b>TOTAL</b>		<b>15</b>		<b>28</b>
3rd Semester					4th Semester				
CODE	COURSE NAME	CREDIT	TYPE	ECTS	CODE	COURSE NAME	CREDIT	TYPE	ECTS
INAR251	Interior Design Studio I	(4,4) 6	C	12	INAR252	Interior Design Studio II	(4,4) 6	C	12
COM101	English I	(3-0) 3	C	3	COM110	English II	(3-0) 3	C	3
ARCH105	History of Art & Architecture I	(2-0) 2	C	4	ARCH106	History of Art & Architecture II	(2-0) 2	C	4
ARCH209	Computer Aided Design I	(1-2) 2	C	5	ARCH210	Computer Aided Design II	(1-2) 2	C	6
INAR 217	Measuring & Renovation	(1,2) 2	C	6	INAR 208	Materials for Interiors	(2,0) 2	C	5
<b>TOTAL</b>		<b>15</b>		<b>30</b>	<b>TOTAL</b>		<b>15</b>		<b>30</b>
5th Semester					6th Semester				
CODE	COURSE NAME	CREDIT	TYPE	ECTS	CODE	COURSE NAME	CREDIT	TYPE	ECTS
INAR 351	Interior Design Studio III	(4,4) 6	C	10	INAR 352	Interior Design Studio IV	(4,4) 6	C	10
INAR 306	Lighting for Interiors	(1,2) 2	C	4	INAR 304	Furniture- Finishes & Fixtures I	(1,2) 2	C	4
INAR 307	Detailing for Interiors I	(1,2) 2	C	4	INAR 308	Detailing for Interiors II	(1,2) 2	C	4
INAR 309	Mechanical Systems in Buildings	(2,0) 2	C	4	INAR 314	Ergonomics	(1,2) 2	C	4
INAR 333	Summer Practice I	(0,0) 0	C	2	ARCH 368	Conservation & Restoration	(1-2) 2	C	5
CTE 401	Occupational Safety and Health	(3-0) 3	F-E	5	ARCH439	Meaning and Discourses in Design	(3-0) 3	T-E	4
<b>TOTAL</b>		<b>15</b>		<b>29</b>	<b>TOTAL</b>		<b>17</b>		<b>31</b>
7th Semester					8th Semester				
CODE	COURSE NAME	CREDIT	TYPE	ECTS	CODE	COURSE NAME	CREDIT	TYPE	ECTS
INAR 451	Interior Design Studio V	(4,4) 6	C	11	INAR 452	Interior Design Studio VI	(4,4) 6	C	11
INAR 404	Furniture- Finishes & Fixtures II	(1,2) 2	C	4	INAR 406	Furniture- Finishes & Fixtures Workshop	(1,2) 2	C	5
INAR 461	Graduation Project Design	(0-2) 1	C	2	ARCH 405	Professional Practice	(2-0) 2	C	5
CFE201	Leadership and Management	(3-0) 3	F-E	4	CFE202	Environment and Sustainable Development	(3-0) 3	F-E	4
ARCH360	Small Space Design	(3-0) 3	T-E	4	ARCH450	Experimental Design	(3-0) 3	T-E	5
INAR 444	Summer Practice II	(0,0) 0	C	5					
<b>TOTAL</b>		<b>16</b>		<b>30</b>	<b>TOTAL</b>		<b>16</b>		<b>30</b>

Total Credit: 130-Total ECTS: 240 "C" Compulsory Course "F-E" Free Elective Course "T-E" Technical Elective Course

Responsible: Asst. Prof. Dr. Feriha Urfalı Doğu  
Asst. Prof. Dr. Cemaliye Sunalp Gürçınar  
Asst. Prof. Dr. Gözde Oral

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
1 <sup>st</sup> Semester	Fall	1 term	English	6	8	10	Compulsory

### Course Description

The course is structured around certain assignments in 2 and 3 dimensions. First, the basic design elements like, point, line, shape, form, value, texture, direction etc. are introduced, then the ways/methods to combine this knowledge with basic design principles like, harmony, contrast, balance etc. are presented. Also, gestalt theory combined with visual perception and the space-form relationship is explained. The features of space, types of spaces, scale and proportion are explained and relevant assignments.

### Competence Goal

After completing the course, the students can:

1. Improve creativity and perception
2. Develop design skills considering the basic design elements and principles
3. Comprehend the nature of design, that it is something that lives, changeable and related with human needs
4. Create consciousness that design principles are essential for solving the future design problems

### Course grading

Cumulative average is taken by grading submissions.

### Prerequisites

none

### Prerequisite to

ARCH 152 Basic Design II

### Evaluation tools

1. Midterm Submission
2. Submissions
3. Final Submission

### Workload

Class attendance: Lectures, tutorials 96h  
Independent study: Preparing/follow-up work, exam preparation, project work 200h

### Recommendations

Attending classes, working on the given assignment and getting regular critics are highly recommended.

Responsible: Prof.Dr. Lerzan Aras, Assoc.Prof.Dr. Damla Mısırlısoy,  
Asst. Prof. Dr. Feriha Urfalı Doğu

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
1 <sup>st</sup> Semester	Fall	1 term	English	3	4	6	Compulsory

### Course Description

This course prepares students with freehand skills and sketching capabilities required for presenting 3D compositions, environments and expressing design ideas. Freehand sketching for design issues focuses on the drawing of buildings, interior spaces, natural and fictive environments and objects. It is intended for students at all levels to develop and/or refine skills and techniques for better seeing and sketching.

### Competence Goal

After completing the course, the students can:

1. Understand the concept of composition and proportion.
2. Have the ability to comprehend form and shape elements better.
3. Gain the ability to express architectural drawings by using freehand sketching technique.
4. Understand and draw one and two-point perspectives.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Assignments (Portfolio Submission)
3. Final exam

### Workload

Class attendance: Lectures, tutorials 48h  
Independent study: Preparing/follow-up work, exam preparation, project work 126h

### Recommendations

Attending the classes and working on the given assignments are highly recommended.

Responsible: Assoc. Prof. Dr. Erçim Uluğ, Asst. Prof. Dr. Makbule Oktay,  
Asst. Prof. Dr. Feriha Urfalı Doğu

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
1 <sup>st</sup> Semester	Fall	1 term	English	3	4	6	Compulsory

### Course Description

The course furnishes the student with basic skills in the graphic communication of visual expressions. It focuses on uses of monochrome media (primarily pencil) applied to the following graphical concepts: lettering, line weight and line quality, tone and value, scale and proportion, architectural entourage (scale figures, landscape elements), texture and material representations, scale and dimensioning, orthographic views (floor plans and elevations), pictorial views (perspective, axonometric, and oblique views), composition and model making.

### Competence Goal

After completing the course, the students can:

1. Understand the graphic language for communication.
2. Use drawing tools and acquire knowledge of technical drawing.
3. Comprehend 2-D and 3-D graphic presentations and be able to transform among them.
4. Have the ability for presentations of design projects by using proper graphic techniques.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

ARCH 104 Graphic Communication II

### Evaluation tools

1. Midterm exam
2. Classworks and homeworks
3. Final exam

### Workload

Class attendance: Lectures, tutorials 42h  
Independent study: Preparing/follow-up work, exam preparation, project work 137h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight

Responsible: Assoc. Prof. Dr. Erçim Uluğ  
Asst. Prof. Dr. Ersan Öksüz

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
2 <sup>nd</sup> Semester	Spring	1 term	English	6	8	10	Compulsory

### Course Description

The course focuses on the basics of space design through anthropometry, ergonomics, movement, functional and spatial thresholds, spatial organisations and transformations in geometry, interrelation between interior and exterior spaces. Spatial organizations created with transformation of geometries and with the emphasis on qualifications and environmental values are considered deeply. The intent is to approach an existing environment under consideration of terms like human needs, sun, light, view, passages, boundaries, neighbours, etc. and to apply a simple construction process. The students are encouraged to understand the basic geometrical transformation of geometries and the relationship of forms for creating a real architectural space with respect to spatial qualities. The students are expected to use their creative thinking and present in with 2 and 3 dimensional tools.

### Competence Goal

After completing the course, the students can:

1. Think, design, question, and visualize design skills considering fundamental concepts related to the notion of design.
2. Comprehend the qualifications of interior and exterior spaces.
3. Understand user's needs in various spaces, harmonizing formal concept and spatial scale with perceptual effects, create the interrelation between user and space.
4. Understand the basic spatial organization systems, and their foundation due to transformations.
5. Present an architectural project with necessary instruments and defend the thinking behind it.

### Course grading

Cumulative average is taken by grading submissions.

### Prerequisites

ARCH 151 Basic Design I

### Prerequisite to

ARCH 251 Architectural Design I / INAR 251 Interior Design I

#### Evaluation tools

1. Midterm Submission
2. Submissions
3. Final Submission

#### Workload

Class attendance: Lectures, tutorials 96h  
Independent study: Preparing/follow-up work, exam preparation, project work 200h

### Recommendations

Attending classes, working on the given assignment and getting regular critics are highly recommended.

Responsible: Asst. Prof. Dr. Nilay Bilsel

Department: Architecture / Interior Architecture and Env. Plan.

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
2 <sup>nd</sup> Semester	Spring	1 term	English	2	2	4	Compulsory

### Course Description

This course provides the basic scope and vocabulary of architecture and architectural design. It covers the primary aspects of architectural knowledge, principally on architectural form, building science and basic environmental factors. Examining these primary notions in detail, it attempts to develop the ability to understand architectural products within physical interaction of climate aspects. Built on this foundation, it develops students to discuss the physical determinants of architecture and the relationship of the architectural products with their environment.

### Competence Goal

After completing the course, the students can:

1. Comprehend the connection between architecture, structure and near environment,
2. Be able to understand the formation of architectural principles and the definition of spatial arrangement principles,
3. Gain the ability to identify of physical phenomena affecting building design and building performance,
4. Understand passive design principles.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Final exam

### Workload

Class attendance: Lectures, 28h  
Independent study: Preparing/follow-up work, exam preparation, 90h

### Recommendations

Weekly self-study and regular revision of lecture notes

Responsible: Asst. Prof. Dr. Feriha Urfalı Doğu  
Asst. Prof. Dr. Cemaliye Sunalp Gürçınar

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
2 <sup>nd</sup> Semester	Spring	1 term	English	3	4	8	Compulsory

### Course Description

The course starts with refreshing the knowledge and skills obtained during the previous level by focusing on the plan, section, and elevation drawings in the first half of the semester. It continues with developing basic orthographic 3D representation techniques by practicing methods of plan oblique, elevation oblique, and axonometric. Towards the final stages of the course the emphasis is on linear perspective by studying one point and two-point perspective techniques. Students work in tutorial groups throughout the semester and participation is necessary. Submission of weekly assignments on expected dates is essential.

### Competence Goal

After completing the course, the students can:

1. Develop more advanced orthographic technical drafting skills,
2. Improve the skills of understanding 2-D and 3-D graphic presentations and be able to transform among them,
3. Have the ability to express architectural drawings by using pictorial views such as perspective, axonometric, and oblique views.

### Course grading

Cumulative average is taken by grading exams and assignments.

### Prerequisites

ARCH 103 Graphic Communication I

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Portfolio Submission
3. Final exam

### Workload

Class attendance: Lectures, tutorials 56h  
Independent study: Preparing/follow-up work, exam preparation, project work 194h

### Recommendations

Attending classes, working on the given assignment and submitting them are highly recommended.

Responsible: Asst. Prof. Dr. Cemaliye Sunalp Gürçınar  
Asst. Prof. Dr. Ersan Öksüz

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
2 <sup>nd</sup> Semester	Fall	1 term	English	6	8	12	Compulsory

### Course Description

The course is an introduction to architectural composition's basic concepts, tools and methods and focuses on the understanding of the parameters and the complexity of the design process. The course is designed to develop design skills and understanding of students particularly on residential projects. Topography is accepted as one of the important criteria to be considered in this design studio. Therefore, generally a site with an inclined topography is given to the students to improve their design ability in such environments. Students are expected to develop a scenario and an architectural program depending on their own scenario by considering the given design problem and architectural program as a framework. It is believed that this differentiates each students design, based on same criteria and limitations. The studio is supported with series of lectures related with the topic and design process

### Competence Goal

After completing the course, the students can:

1. Have the ability to develop architectural models, concept and design and improve drawing skills.
2. Have the ability to develop an understanding of spatial organization with respect to design principles, elements and space organization.
3. Have the ability to express two dimensional drawings into three dimensional complex spaces in a given architectural composition.
4. Have the ability to create interrelationships between inner-outer spaces in conjunction with human interactions in a given design project.
5. Have the ability to use appropriate manual and representational media, such as technical and freehand drawing and various presentation methods to express significant formal elements at each stage of the design process.

### Course grading

Cumulative average is taken by grading juries.

### Prerequisites

ARCH 152 Basic Design II

### Prerequisite to

ARCH 252 Architectural Design II

### Evaluation tools

1. Midterm Jury
2. Interim Jury
3. Final Jury

### Workload

Class attendance: Lectures, tutorials 152h  
Independent study: Preparing/follow-up work, exam preparation, project work 207h

### Recommendations

Attending classes and getting regular critics are highly recommended.

## ARCH 105 HISTORY OF ART & ARCHITECTURE I

Responsible: Asst. Prof. Dr. Vedat Çağanağa

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
3 <sup>rd</sup> Semester	Fall	1 term	English	2	2	4	Compulsory

### Course Description

The course provides information on timelines and examines the social life of Greeks and Romans, taking into account authority and mythological aspects. How Christianity shaped structures and art; Separation of Catholic and Orthodox Churches in Romanesque and Byzantine periods and the new building program and techniques of churches; examines the effects on the shaping of arts and structures, taking into account authority and social life. Islam born in the Arabian Peninsula as a new religion in a different geography, types of structures and Islamic art are examined. It examines the Gothic period as the pinnacle of art and architecture for Catholic buildings and art. The course also teaches social life, authority, enlightening and religious aspects, how wealthy families initially and later the Catholic church shaped structures and art during the Renaissance, their reactions to the Renaissance and the birth of Mannerism, Baroque and Rococo. It examines the focal point of art and architecture from these periods to the French Revolution. The beginning of the industrial revolution, its spread from England to other countries and its effects on architecture are examined.

### Competence Goal

After completing the course, the students can:

1. Understand the, artists, periods, cities and basic terms, by considering the important buildings, sculptures and paintings,
2. Draw a timeline starting from Greek period until the 19th century
3. Understand the history of art and architecture by considering the social, religious and political and various ideological approaches,
4. Comprehend the periods including its most compelling theoretical issues and various ideological approaches.

### Course grading

Cumulative average is taken by grading examinations

### Prerequisites

None

### Prerequisite to

none

#### Evaluation tools

1. Midterm exam
2. Final exam

#### Workload

Class attendance: Lectures, tutorials 30h  
Independent study: Preparing/follow-up work, exam preparation 120h

Responsible: Doğuş Bodamyalızade

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
3 <sup>rd</sup> Semester	Fall	1 term	English	2	6	5	Compulsory

### Course Description

This course introduces computers as a tool in the design effort, enabling students to create, manipulate, and edit drawings. Students will be introduced to AutoCAD and Photoshop as effective tools used in design environments. They will be familiarized with AutoCAD and Photoshop software commands that will enable them to produce two-dimensional drawings correctly and efficiently through editing and manipulating both drawn and illustrated data. Eventually, students will also learn various kinds of plotting techniques.

### Competence Goal

After completing the course, the students can:

1. Gain the ability to draft projects in CAD format by AutoCAD.
2. Gain the ability to use the basics of Photoshop program.
3. Comprehend how to design basic conceptual illustrations.
4. Understand how to prepare posters for Studio projects.

### Course grading

Cumulative average is taken by grading examinations

### Prerequisites

None

### Prerequisite to

ARCH 210 Computer Aided Design II

#### Evaluation tools

1. Midterm exam
2. Term Project
3. Final exam

#### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Preparing/follow-up work, exam preparation, project work 60h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight

## ARCH 245 STATICS

Responsible: Aslı BARDAK

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
3 <sup>rd</sup> Semester	Fall	1 term	English	2	3	4	Compulsory

### Course Description

The course introduces the importance of statics in structures. This course teaches the basic principles of statics with Newton's laws of motion, to understand what the loads are and the external loads that can be affected until the structures are destroyed and how they can affect and create damage, and the designs to be created accordingly will increase the ability to think about the safety of the structure. This course intends to teach the structural systems, all elements and types of the structure and to prevent the formation of structural system irregularities and to create static structural designs.

### Competence Goal

After completing the course, the students can:

1. Understand the basic principles of static, their meaning and the importance of balance in structural systems,
2. Understand the type of loads and loadings acting on a structure and analyze the load transfer system,
3. Understand the formation of basic element and structural systems in the design of static projects,
4. Predict structural performance, the collapse potential of structures, and safety measures.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Project
3. Final exam

### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Preparing/follow-up work, exam preparation, project work 60h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight

## ARCH 252 ARCHITECTURAL DESIGN II

Responsible: Asst. Prof. Dr. Ersan Öksüz, Asst.Prof.Dr. Feriha Urfalı Doğu

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
4 <sup>th</sup> Semester	Spring	1 term	English	6	8	12	Compulsory

### Course Description

Architectural Design II - ARCH 252 is a studio-based design course that is concentrated on research and field study in the community. The target of Design Studio II is to enable students of architecture analyse human behavior in regards to the defined functions and the required spatial patterns, helping them develop awareness in the field of design. In this studio, context and site factors will be studied in depth and a detailed site analysis will be carried out. The design process will be presented in a series of lectures.

### Competence Goal

After completing the course, the students can:

1. Have the ability to understand space or a context, and develop problem-solving and creative thinking skills in conjunction with various functions and activities,
2. Have the ability to achieve an in-depth understanding of design issues and architectural ideas/concepts through research and contemporary examples,
3. Have ability to develop context-specific design through a conscious approach to site analysis and its application to the design projects,
4. Understand the interrelationships between architecture and its surrounding landscape, and their impacts on intended users,
5. Have the ability to develop awareness and sensitivity to the built environment as it associates with occupants/clients behavioral, cultural and social values.

### Course grading

Cumulative average is taken by grading juries

### Prerequisites

ARCH 251

### Prerequisite to

ARCH 351

### Evaluation tools

1. Midterm jury
2. Interim jury
3. Final jury

### Workload

Class attendance: Lectures, tutorials 112h  
Independent study: Preparing/follow-up work, exam preparation, project work 249h

### Recommendations

Attending classes and getting regular critics are highly recommended.

Responsible: Asst. Prof. Dr. Vedat ÇAĞANAĞA

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
4 <sup>th</sup> Semester	Spring	1 term	English	2	2	4	Compulsory

### Course Description

This course concentrates on world art and architecture, which covers periods starting from mid-19<sup>th</sup> century until end of 20<sup>th</sup> century, and analyses built environment, interiors, finishes and furniture with regards to its social cultural conditions. The course covers the art and architectural styles.

### Competence Goal

After completing the course, the students can:

1. Discuss the relationship between culture / society and architecture in 19<sup>th</sup> and 20<sup>th</sup> century,
2. Derive a timeline for art and architecture starting from 19<sup>th</sup> century,
3. Comprehend the architectural periods and the development of style/design solutions,
4. Outline the essence of every period / architects / buildings in relevance.

### Course grading

Cumulative average is taken by grading examinations

### Prerequisites

none

### Prerequisite to

none

#### Evaluation tools

1. Midterm exam
2. Final exam

#### Workload

Class attendance: Lectures, tutorials 30h  
Independent study: Preparing/follow-up work, exam preparation 120h

### Recommendations

Studying the course weekly during the semester is highly recommended to ease the semester end weight.

Responsible: Aslı BARDAK

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
4 <sup>th</sup> Semester	Spring	1 term	English	2	3	4	Compulsory

### Course Description

The course is understanding topographic conditions and designing accordingly, an important design constraint in architecture. This course is a theoretical and practical introduction which assist students to understand and structure their design approaches on inclined terrains and to improve the skills about, land survey, topographic measurements and applications. The course aims to teach how to analyses inclined terrains and how to draw topographic plans. In addition to this, the course also objects the understanding of building design typologies on inclined terrains by investigating the pioneering cases and reflect the design methods/attitudes to design on slopped sites.

### Competence Goal

After completing the course, the students can:

1. Understand simple mathematics (geometry and trigonometry) for surveying calculations
2. Engaged with surveying tools,
3. Perform calculations for levelling,
4. Perform calculations for traversing,

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Field-work
3. Final exam

### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Preparing/follow-up work, exam preparation, project work 60h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight

Responsible: Doguş Bodamyalızade

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
4 <sup>th</sup> Semester	Spring	1 term	English	2	3	4	Compulsory

### Course Description

This course is the continuation of Visual Presentation Techniques 1 and therefore it aims to prepare students with fundamental graphic and visual presentation skills required for the creative expression of architectural ideas. Visual Presentation helps students to understand not only how and where a range of visual communication skills are needed to inform a design process, but also why they are essential to make presentations both informative and memorable. The course also aims to present students with the skills and techniques for the presentation of architectural design works and to assist them in understanding how representational techniques can be effectively applied in different contexts appropriate to a diverse range of design challenges and encourages experimentation with contemporary techniques, both 2D and 3D. (Pre-requisite: ARCH 209)

### Competence Goal

After completing the course, the students can:

1. Present 3D drawings.
2. Experience presentation techniques.
3. Improve digital presentation techniques, 3D rendering, 3D conceptual poster creations.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Term project
3. Final exam

### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Preparing/follow-up work, exam preparation, project work 60h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight

Responsible: Asst. Prof. Dr. Feriha Urfalı Doğu

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
4 <sup>th</sup> Semester	Spring	1 term	English	2	2	3	Compulsory

### Course Description

This course introduces the building materials and finishes and its applications both exterior and interior of buildings. It also provides environmental impact of building materials and finishes as it relates to human health and well-being, as well as their substantial benefit to the total building edifice. The course discourses the characteristics of construction materials and finishes by highlighting their appropriate application, covering topics such as building insulation materials; masonry wall; water penetration and drainage wall. It also addresses interior and exterior finishing materials; ceramic materials and ceramic products; walls and wall finishes materials; floor and floor finishing materials; materials for ceiling and ceiling finishes; window and door materials; and stair and stair finishes materials; roof and roof covering materials.

### Competence Goal

After completing the course, the students can:

1. Understand the different types of building and finish materials and their appropriate applications in buildings.
2. Understand the positive and negative effects of building materials on humans and the built environment
3. Have the ability for the selection of appropriate building materials and finishes for various applications, including flooring, ceiling, stairs, walls, doors and windows.
4. Understand the application requirements or standards for various building materials.
5. Have the ability for the contemporary building materials and finishes as they relate to promoting sustainability movement.

### Course grading

Cumulative average is taken by grading exams and submission

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Submission
3. Final exam

### Workload

Class attendance: Lectures, tutorials 26 h  
Independent study: Preparing/follow-up work, exam preparation, project work 64 h

**Recommendations:** Attending the classes and having discussion on the given lecture are highly recommended.

Responsible: Assoc. Prof. Dr. Damla Mısırlısoy Asst. Prof. Dr. Nilay Bilsel

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
5 <sup>th</sup> Semester	Fall	1 term	English	6	8	10	Compulsory

### Course Description

Architectural Design III is a studio course that introduces the student into contextual architectural problems, which forms the thematic approach for projects in historical urban context. The studio project aims to raise awareness of current issues in architecture and develop an understanding of the principles of architectural design and contextual approach to consider the historical, physical, socio-cultural, political, and economic context of the project area. By raising awareness in these issues, the students are expected to develop a critical attitude in their design solutions.

### Competence Goal

After completing the course, the students can:

1. Understand the public building philosophy and to develop an architectural scheme by considering urban public building approaches.
2. Design original and contemporary buildings by considering urban fabric, city and historical context.
3. Understand the consideration of physical, socio-cultural, political, and economical variables in architectural design and the role of architect in interpreting the needs of the community.
4. Design by understanding up to date building technology and structural systems.

### Course grading

Cumulative average is taken by grading juries

### Prerequisites

ARCH 252 Architectural Design II

### Prerequisite to

ARCH 352 Architectural Design IV

### Evaluation tools

1. Midterm jury
2. Interm jury
3. Final jury

### Workload

Class attendance: Lectures, tutorials 104h  
Independent study: Preparing/follow-up work, submission preparation 196h

### Recommendations

Getting regular critics are highly recommended.

## ARCH 214 BUILDING CONSTRUCTION AND DETAILING I

Responsible: Asst. Prof. Dr. Gözde Oral

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
5 <sup>th</sup> Semester	Fall	1 term	English	2	4	5	Compulsory

### Course Description

This course gives main concepts to understand the building materials, reinforced construction methods and techniques with the basic principles and design. This course also covers the construction building elements; foundations, beams, slabs, columns and curtains. This course combines both theory and practice while expecting students to learn the contemporary construction methods and techniques.

### Competence Goal

After completing the course, the students can:

1. Understand the basic knowledge of reinforced construction systems.
2. Graphically represent structural and construction systems with their respective detailing.
3. Detail the different types of connections and joint of reinforced components.
4. Understand the principles and properties of structural framing systems.
5. Understand appropriate material selection and application technique to buildings.

### Course grading

Cumulative average is taken by grading submissions, midterm exam and final exam

### Prerequisites

none

### Prerequisite to

Arch 339

### Evaluation tools

1. Midterm Exam
2. Submissions
3. Final Exam

### Workload

Class attendance: Lectures, tutorials 10h  
Independent study: Preparing/follow-up work, submissions 50h, midterm exam 40h, final exam 50h

### Recommendations

Submitting assignments number to decrease recommended to ease the semester end weight.

## ARCH 365 Mechanical Systems in Buildings

Responsible: Asst. Prof. Dr. Ersan Öksüz

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
5 <sup>th</sup> Semester	Fall	1 term	English	2	2	3	Compulsory

### Course Description

Mechanical Systems in Buildings I is a theory course for architecture and interior architecture students providing basic definitions and principles of required mechanical systems for buildings. Performance criteria, systems integrations, envelope, electrical systems, sanitary systems, mechanical systems and heating, ventilating and air-conditioning systems are among the main subjects of the course.

### Competence Goal

After completing the course, the students can:

1. Get the knowledge of basic principles of mechanical systems for buildings.
2. Able to understand techniques and technologies used for mechanical systems.
3. Able to comprehend basic building systems in relation to environmental concerns.
4. Gain the ability of integrating mechanical requirements to building design.

### Course grading

Cumulative average is taken by grading exams

### Prerequisites

None

### Prerequisite to

None

### Evaluation tools

1. Final Exam
2. Midterm Exam

### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Preparing/follow-up work, exam preparation, project work 30h

### Recommendations

It is highly suggested to not miss the tutorials for successful exam results.

## ARCH 352 ARCHITECTURAL DESIGN IV

Responsible: Asst. Prof. Dr. Nilay Bilsel, Asst. Prof. Dr. Gözde Oral

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
6 <sup>th</sup> Semester	Spring	1 term	English	6	8	10	Compulsory

### Course Description

Architectural Design IV is a design studio which aims to design an urban building of increasing scale and complexity. In this aspect, the site location is a complex urban context and the architectural brief consists multi-functional building programs. In the understanding of contextual analysis, the architectural design studio process considers the physical, social, political, economic and cultural aspects. Therefore, the studio projects develop a critical attitude towards these in the reflection of developing technology and contemporary architecture.

### Competence Goal

After completing the course, the students can:

1. Gain the ability to design a multi-functional and complex building in an urban context.
2. Learn how to systematically approach multi-functional architectural design briefs.
3. Learn how to reflect physical, social, political, economic and cultural aspects in an architectural design.
4. Understand the needs of the different users and accordingly to create strategic architectural approaches to the design problem.

### Course grading

Cumulative average is taken by considering juries

### Prerequisites

ARCH 351 Architectural Design III

### Prerequisite to

ARCH 451 Architectural Design V

### Evaluation tools

1. Midterm Jury
2. Interim Jury
3. Final exam

### Workload

Class attendance: Lectures, tutorials 104h  
Independent study: Preparing/follow-up work, exam preparation, project work 196h

### Recommendations

Following regular critic sessions as well as self study research on design project is recommended.

Responsible: Asst. Prof. Dr. Ersan Öksüz

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
6 <sup>th</sup> Semester	Spring	1 term	English	2	3	6	Compulsory

### Course Description

This course includes the basic terminology of urban design and planning. It introduces the theories and methods of urban design as a discipline integrated with architecture. The topics of the course includes: concept of urban space, historical background of the cities, visual variables determining the quality of urban space, main principles of urban design and dimensions of urban design.

### Competence Goal

After completing the course, the students can:

1. Get the knowledge of city planning and urban design.
2. Get the ability of distinguish the basic differences among urban design and urban planning in terms of design tools.
3. Get the abilities of reading urban context.
4. Learn how to produce urban design projects.

### Course grading

Cumulative average is taken by grading exams and project assignments

### Prerequisites

None

### Prerequisite to

None

### Evaluation tools

1. Final Submission
2. Midterm Exam
3. In-term Submission

### Workload

Class attendance: Lectures, tutorials 40h  
Independent study: Preparing/follow-up work, exam preparation, project work 139h

### Recommendations

It is highly suggested to follow tutorials for successful project submissions.

## ARCH 339 BUILDING CONSTRUCTION AND DETAILING II

Responsible: Asst. Prof. Dr. Cemaliye Sunalp Gürçınar

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
6 <sup>th</sup> Semester	Spring	1 term	English	2	3	5	Compulsory

### Course Description

This course focuses on traditional building material and construction methods and techniques. In current rapid growing construction world, many construction processes have been developed in order to increase efficiency and cut down costs. In recent years, traditional building material and techniques are being overlooked, however, there is still a place for traditional methods and techniques, which often yield a higher quality, more unique results and are renewable and sustainable than those achieved with modern construction processes. This course also covers the construction of buildings using traditional methods and materials. This course combines both theory and practice while expecting students to learn the traditional construction methods and techniques of foundations, walls, roofs and floors.

### Competence Goal

After completing the course, the students can:

1. Understand different types of traditional construction materials and their respective construction techniques, methods and details,
2. Understand the principles, building codes, advantages and disadvantages of traditional construction techniques to meet sustainable dimension,
3. Understand ways to use natural products/traditional construction materials to meet contemporary building standards while considering cost-effectiveness and structural viability,
4. Have ability to design and detail elements/components of traditional small-scale structures/buildings.

### Course grading

Cumulative average is taken by grading exam and submissions.

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm Exam
2. Submission
3. Final Submission

### Workload

Class attendance: Lectures, tutorials 42h  
Independent study: Preparing/follow-up work, exam preparation, project work 108h

### Recommendations

Attending classes and working on the given assignment is highly recommended.

Responsible: Assoc. Prof. Dr. Damla Misirlisoy

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
6 <sup>th</sup> Semester	Spring	1 term	English	2	3	5	Compulsory

### Course Description

This course introduces meaning and significance of cultural heritage, conservation, restoration, rehabilitation, renovation and adaptive re-use. Besides, it introduces the principles of conservation and restoration as well as intervention types. The course also identifies international organizations which deal with the preservation of cultural property. It discusses the international and national legislations and administrations related to conservation and restoration of cultural heritage. Students are expected to reflect their raised awareness and gathered knowledge in their assignments, term project and examinations.

### Competence Goal

After completing the course, the students can:

1. Understand the significance of cultural heritage
2. Learn the principles and methods of conservation and restoration
3. Gain the ability to produce measured drawing and restitution project after surveying a heritage building
4. Prepare a restoration project for a selected heritage building

### Course grading

Cumulative average is taken by grading all submissions

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

3. Midterm exam
4. Interim submission
3. Final submission

### Workload

Class attendance: Lectures, tutorials 45h  
Independent study: Preparing/follow-up work, submission preparation 105h

### Recommendations

Following the required reading list and making research is recommended. It is important to attend the observation trips and site survey visits organized within the class.

## ARCH 439 MEANING IN DESIGN AND DISCOURCES

Responsible: Assoc. Prof. Dr. Erçim Uluğ

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
6 <sup>th</sup> Semester	Spring	1 term	English	3	3	4	Elective

### Course Description

This course aims to investigate the hidden messages and meanings in design and their influences on architecture and society. It also aims to give students general knowledge about the philosophy of design and the interactions between design, culture and society, where they will gain an understanding of concepts related with the responsibility of the designer, the requirements of the consumer society in today's world, and discover new pathways for designing in today's world.

### Competence Goal

After completing the course, the students can:

1. Understand basic principles of design
2. Comprehend the relationship between design, culture and society.
3. Understand the man- nature and design relationship.
4. Comprehend the overall principles of design under the correlation with society.

### Course grading

Cumulative average is taken by grading submissions and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm submission
2. Final submission

### Workload

Class attendance: Lectures, tutorials 39h  
Independent study: Preparing/follow-up work, exam preparation, project work 84h

### Recommendations

## ARCH 451 ARCHITECTURAL DESIGN VI

Responsible: Assoc. Prof. Dr. Erçim Uluğ

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
7 <sup>th</sup> Semester	Fall	1 term	English	6	8	10	Compulsory

### Course Description

Architectural Design V is a studio-based design course aims to engage various architectural disciplines and knowledge required for solving complex architectural problems at larger scale. Architectural Design V deals with more in-depth tectonic modes of architectural problems and it focuses on medium/large scale public buildings with complex spatial problems. The main objective of this course is to encourage further development of the student's individual design approach in medium/large scale public buildings with complex spatial problems. Students are expected to explore a wide range of architectural issues while solving complex design problems on medium scale projects set primarily in urban contexts.

### Competence Goal

After completing the course, the students can:

1. Achieve a deeper understanding of more complex design issues and architectural ideas/concepts
2. Achieve context-specific design by comprehensive site analysis in large scaled complex projects
3. Apply structural systems of a building in wide span structures and mega structures

### Course grading

Cumulative average is taken by grading juries

### Prerequisites

ARCH 352

### Prerequisite to

ARCH451

### Evaluation tools

1. Midterm Jury
2. Interim Juries
3. Final Jury

### Workload

Class attendance: Lectures, tutorials 112h  
Independent study: Preparing/follow-up work, jury preparation 188h

### Recommendations

Attending classes, taking regular critics and revising design project are highly recommended.

Responsible: Asst. Prof. Dr. Ersan Öksüz

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
7 <sup>th</sup> Semester	Fall	1 term	English	3	5	4	Compulsory

### Course Description

This course focuses on traditional building material and construction methods and techniques. In current rapid growing construction world, many construction processes have been developed in order to increase efficiency and cut down costs. In recent years, traditional building material and techniques is being overlooked, however, there is still a place for traditional methods and techniques, which often yield a higher quality, more unique results and are renewable and sustainable than those achieved with modern construction processes. This course also covers the construction of buildings using traditional methods and materials. This course combines both theory and practice while expecting students to learn the traditional construction methods and techniques of foundations, walls, roofs and floors.

### Competence Goal

After completing the course, the students can:

1. Understand different types of traditional construction materials and their respective construction techniques, methods and details.
2. Understand the principles, building codes, advantages and disadvantages of traditional construction techniques to meet sustainable dimension.
3. Understand ways to use natural products/traditional construction materials to meet contemporary building standards while considering cost-effectiveness and structural viability.
4. Able to design and detail elements/components of traditional small-scale structures/buildings.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

ARCH339

### Prerequisite to

None

### Evaluation tools

1. Portfolio Submission
2. Final Submission
3. Midterm Exam

### Workload

Class attendance: Lectures, tutorials 70h  
Independent study: Preparing/follow-up work, exam preparation, project work 50h

### Recommendations

It is highly suggested to not miss the tutorials for successful submissions.

Responsible: Asst. Prof. Dr. Gözde Oral

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
7 <sup>th</sup> Semester	Fall	1 term	English	5	8	10	Compulsory

### Course Description

The course focuses on contemporary design of appropriate use and integration of sub systems: structure, construction, material, finishing and other systems within the context of determined goals (feasibility, environmental conditions, spatial organization, regulations, etc.). Progress the ability of students in solving construction problems by considering the whole of a building and presenting a design project with construction documentation and drawings in the scale of 1/50 and the lower scales is the main outcome of the course.

### Competence Goal

After completing the course, the students can:

1. Understand the graphic language for communication.
2. Ability to design and detail advanced structural systems, section and connection details
3. Understand the philosophy of designing and principles, design aids, design codes, techniques and methods relating to structural design.
4. Design, detail and assemble contemporary structural systems through model making.

### Course grading

Cumulative average is taken by grading interm jury, midterm jury and final jury

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Interm Jury
2. Midterm Jury
3. Final Jury

### Workload

Class attendance: Lectures, tutorials 104h  
Independent study: Preparing/follow-up work 196h

### Recommendations

No recommendations

Responsible: Asst. Prof. Dr. Makbule Oktay

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
7 <sup>th</sup> Semester	Spring	1 term	English	1	2	2	Compulsory

### Course Description

The graduation project research is essential to provide required data for developing the architectural design of the final project. As the graduation project consists of other sub-disciplines such as; structural engineering, electrical and mechanical engineering, urban planning and design, construction technologies; students should prepare a report to cover all the necessary information referring to the relevant sub-disciplines. In this way, students will get the chance to experience the practice of architecture in a professional manner.

### Competence Goal

After completing the course, the students can:

1. Learn developing architectural brief and structuring design process in relation to specified dynamics.
2. Experience of establishing vital correlations among different disciplines and architecture.
3. Gain the ability of gathering and organizing scientific data.
4. Learn the method development in determining architectural problems.

### Course grading

Cumulative average is taken by grading submissions

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm submission
2. Final submission

### Workload

Class attendance: Lectures, tutorials 31h  
Independent study: Preparing/follow-up work, submission work 29h

### Recommendations

Doing research on due dates is highly recommended to ease the semester end weight

Responsible: Asst. Prof. Dr. Nilay Bilsel

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
7 <sup>th</sup> Semester	Fall	1 term	English	3	3	4	Elective

### Course Description

This course prepares students for the practical reality of residential design of small urban spaces. Students will analyze small spaces to formulate ways in which to add value and extract every inch of usable space. Course content will focus upon custom furniture solutions as well as the effects of colour, light, materials and finishes on volumes of space. Current trends in small space design will be examined, deconstructed and evaluated. Students will be challenged to maximize their space planning skills and creative thinking process.

### Competence Goal

After completing the course, the students can:

1. Get the ability to make suitable design (by creating zoning and spatial relationship to make the best possible use of available space) and design furnishings for small space.
2. Be able to understand how to analyse space and formulate scale to compact space size.
3. Be able to comprehend of using light and colour to create the illusion of larger space.
4. Understand how to categorize suitable materials for small residences

### Course grading

Cumulative average is taken by grading submissions and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm submission
2. Classworks and homeworks
3. Final submission

### Workload

Class attendance: Lectures, tutorials 39h  
Independent study: Preparing/follow-up work, exam preparation, project work 84h

### Recommendations

Taking regular critics, thinking outside of the box and being creative.

Responsible: Assoc. Prof. Dr. Damla Mısırlısoy  
Asst. Prof. Dr. Cemaliye S. Gürçınar

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
8 <sup>th</sup> Semester	Spring	1 term	English	6	8	10	Compulsory

### Course Description

In this course students develop an individual graduation project whose architectural program was researched and developed in the graduation research project lecture in the light of defined limitations (ARCH461). In this regard, students create their unique design approaches to the proposed architectural brief. They are expected to demonstrate a wide range of knowledge and design ability relating to the chosen subject. The student must prove the ability of design project management with limited tutorials and supervision.

### Competence Goal

After completing the course, the students can:

1. Learn how to create professional unique and independent solutions to a complex architectural brief.
2. Have the ability to deal with a complex architectural process with limited tutorials and supervision
3. Able to present and defend an architectural design in front of professionals.

### Course grading

Cumulative average is taken by grading juries

### Prerequisites

ARCH 451

### Prerequisite to

none

### Evaluation tools

1. Midterm Jury
2. Interm Jury
3. Final Jury

### Workload

Class attendance: Lectures, tutorials 112h  
Independent study: Preparing/follow-up work, jury preparation 188h

### Recommendations

Attending classes, taking regular critics and revising design project are highly recommended.

Responsible: Assoc. Prof. Dr. Erçim Uluğ

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
8 <sup>th</sup> Semester	Spring	1 term	English	2	2	3	Compulsory

### Course Description

This course will examine the professional environment in which the architect works as well as the knowledge base related to the organization and conduct of a design practice. After investigating the nature of Professions and a short history of the architectural profession, we will look at the building process and the architect's role in the design and construction phases, architect/client dynamics, the interrelationships between practice, information, and project management, and the ethical and legal guidelines for the profession. Issues related to practice will be explored, such as local and world economic conditions, getting started, competitions, getting published, and social responsibility.

### Competence Goal

After completing the course, the students can:

1. Learn International Ethics Principles
2. Understand the relationship of Human being, Architecture, Morals and Responsibilities
3. Understand the design process, application, supervision and management.

### Course grading

Cumulative average is taken by grading submissions and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm submission
2. Final submission

### Workload

Class attendance: Lectures, tutorials 39h  
Independent study: Preparing/follow-up work, exam preparation, project work 50h

### Recommendations

Attending the lecture, taking notes, following the design updates and participating the lecture discussions.

## ARCH 450 EXPERIMENTAL DESIGN

Responsible: Asst. Prof. Dr. M. Selen Abbasoğlu Ermiyagil

Department: Architecture & Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
8 <sup>th</sup> Semester	Spring	1 term	English	3	3	5	Elective

### Course Description

Experimental design methods are applied in all phases of the design process and by almost every party involved in the design process. Design methods range from relatively open-ended, loosely defined strategies to very descriptive stepwise procedures how to design a given object. Within the scope of the course these approaches will be mentioned.

### Competence Goal

After completing the course, the students can:

1. Learn experimental design process
2. Discuss different design approaches
3. Understand different design approaches of icon architects

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Homework
3. Final exam

### Workload

Class attendance: Lectures, tutorials 50h  
Independent study: Preparing/follow-up work, exam preparation, project work 100h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight

Responsible: Asst. Prof. Dr. Gözde Oral

Department: Architecture

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
8 <sup>th</sup> Semester	Spring	1 term	English	2	2	5	Compulsory

### Course Description

The course prepares students to the professional life as portfolio and CV basis. It requires a deeper understanding of personal abilities and reflection upon desired professional goals. Portfolio design is not only documents of the past, but it built particular future. Students learn how to identify their strengths and weaknesses as a designer, selecting works that best showcase their talents.

### Competence Goal

After completing the course, the students can:

1. Understand of the career opportunities and the importance of the portfolio,
2. Learn how to create portfolio in a digital format web chrome format,
3. Improve communication skills in the business environment, importance taking notes,

### Course grading

Cumulative average is taken by grading submissions, midterm exam and final submission

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm Exam
2. Submissions
3. Final Submission

### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Self-study and preparations 90 h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight.

Responsible: Asst. Prof. Dr. Vedat Çağanağa, Asst. Prof. Dr. Makbule Oktay

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
3 <sup>rd</sup> Semester	Fall	1 term	English	6	8	12	Compulsory

### Course Description

The course is based on the development of design skills based on human behavior. Within the framework of the given subject and program, basic design principles such as scale, proportion, occupancy-space, balance, harmony and contrast and individual factors are asked to design a medium-sized space. The aim is to provide the ability of creating the desired order between the interior and exterior space in a medium-sized structure. Traditional hand-drawing techniques are used to build competence of the graphic skills and conduct effective resource research. Furthermore, it is aimed to build the ability of synthesizing the design constraints and the human expectations.

### Competence Goal

After completing the course, the students can:

1. Develop an understanding on spatial organization in respect of basic design principles.
2. Create the relationship between space / visual perception and design principles.
3. Form two dimensional systems into three dimensional interior spaces in a composition.
4. Create the inner-outer relationships in a given concept.
5. Use appropriate manual representational media, such as technical and freehand drawing and various presentation methods to express significant formal elements at each stage of the programming and design process.

### Course grading

Cumulative average is taken by grading juries

### Prerequisites

ARCH 152 Basic Design II

### Prerequisite to

INAR 252 Interior Design Studio II

### Evaluation tools

1. Midterm jury
2. In-term juries (interm & prefinal)
3. Final jury

### Workload

Class attendance: Lectures, juries 112h  
Independent study: Preparing/follow-up work, jury preparation, project work 248h

### Recommendations

Taking regular critics and submitting assignments on due dates is highly recommended to ease the semester end weight

Responsible: Asst. Prof. Dr. Feriha Urfalı Doğu

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
3 <sup>rd</sup> Semester	Fall	1 term	English	2	3	6	Compulsory

### Course Description

The course is based on giving theoretical information, and practical work about measurement and renovation. The theoretical part deals with measuring the building, the proper tools and methods for drawing. The applied part consists of research and design for adaptive re-use of the existing building involving the whole interior spaces.

### Competence Goal

After completing the course, the students can:

1. Have the ability to analyze the physical conditions of an existing building
2. Have the ability to measure and to draw an existing building
3. Comprehend the adaptive re-use criteria of a historical building
4. Understand the limitations of working in an existing building
5. Have the ability to present different design criteria in different scales

### Course grading

Cumulative average is taken by grading exams and submissions

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Preliminary submission
3. Final submission

### Workload

Class attendance: Lectures, tutorials 33h  
Independent study: Preparing/follow-up work, exam preparation, project work 147h

### Recommendations

Attending classes and submitting assignments on due dates are highly recommended.

## INAR 252 INTERIOR DESIGN STUDIO II

Responsible: Assoc. Prof. Dr. Damla Mısırlısoy, Asst. Prof. Dr. Vedat Çağanağa

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
4 <sup>th</sup> Semester	Spring	1 term	English	6	8	12	Compulsory

### Course Description

Interior Design Studio II is an introduction into addressing contextual architectural problems. It focuses on the application and synthesis of theory, information gathering within the design process of space planning, three-dimensional design development, and detailing. It also necessitates designing spaces that incorporate basic design principles, space-form relationships and putting the user's needs as a priority. Students are also required to choose the right finishes, furniture and fixtures that match with the psychological and physiological well-being of the users. The primary objective of this course is to design (1) interior space that considers its context and users, (2) contemporary space design that integrates functions that conforms to open and close space relationship, and (3) a small public space that incorporates interior design concepts.

### Competence Goal

After completing the course, the students can:

1. Ability to demonstrate critical thinking and creativity,
2. Ability to understand the balance between material, technology and design of contemporary spaces
3. Ability to explore the social and physical environment that incorporates inner-outer space relationship, including the relationship between space organization and soft furnishing,
4. Ability to demonstrate effective use of graphic and verbal communication tools, as well as to present a design with appropriate visual drawing techniques,
5. Ability to apply design principles that offer user's requirements and afford a sense of place that aids psychological and physiological well-being.

### Course grading

Cumulative average is taken by grading juries

### Prerequisites

INAR 252 Interior Design Studio II

### Prerequisite to

INAR 352 Interior Design Studio IV

### Evaluation tools

1. Midterm jury
2. In-term jury I & II
3. Final jury

### Workload

Class attendance: Lectures, juries 112h  
Independent study: Self study 248h

### Recommendations

Taking regular critics and having research on the project topic is recommended.

## INAR 208 MATERIALS FOR INTERIORS

Responsible: Asst. Prof. Dr. Cemaliye Sunalp Gürçınar

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
4 <sup>th</sup> Semester	Spring	1 term	English	2	2	5	Compulsory

### Course Description

This course introduces the building materials and finishes and its applications to building interiors. It also provides environmental impact of building materials and finishes as it relates to human health and well-being, as well as their substantial benefit to the total building edifice. The course covers materials of visual and physical characteristics, properties, and functions through designing with interior architecture building materials.

### Competence Goal

After completing the course, the students can:

1. Learn the diversity of building and finish materials,
2. Understand the effects of building materials on human and environment,
3. Learn the selection of materials for interiors and finishes for various applications, including paint, textiles, flooring, ceilings, doors and windows.

### Course grading

Cumulative average is taken by grading exams and submission.

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Submission
3. Final exam

### Workload

Class attendance: Lectures, tutorials 26h  
Independent study: Preparing/follow-up work, exam preparation, project work 124h

### Recommendations

Attending classes and having discussion on the given lecture is highly recommended.

Responsible: Assoc. Prof. Dr. Damla Mısırlısoy

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
5 <sup>th</sup> Semester	Fall	1 term	English	6	8	12	Compulsory

### Course Description

INAR351 Interior Design Studio III focuses on developing design skills by taking the human behavior as the base. It aims to develop design and research skills through design principles. Studio introduce students the contextual interior design problems, which forms the thematic approach for projects in historical urban context. The studio project aims to raise awareness of current issues in interior architecture and develop an understanding of the principles of interior architectural design and contextual approach to consider the physical, historical, socio-cultural, and technological context of the project building location. By raising awareness in these issues, the students are expected to develop a critical attitude in their design solutions.

### Competence Goal

After completing the course, the students can:

1. Understand the historical, cultural, and socio-economic context of the built environment.
2. Gain the ability to design in an historic building.
3. Gain ability to define relationship between user's requirements and design principles.
4. Comprehend the physical environment in terms of indoor-outdoor space relationship.

### Course grading

Cumulative average is taken by grading juries

### Prerequisites

INAR 252 Interior Design Studio II

### Prerequisite to

INAR 352 Interior Design Studio IV

### Evaluation tools

1. Midterm jury
2. In-term jury
3. Final jury

Class attendance: Lectures, tutorials, juries  
112h

Independent study: Preparing/follow-up  
work, jury preparation, project work 248h

### Workload

### Recommendations

Taking regular critics and submitting assignments on due dates is highly recommended to ease the semester end weight.

## INAR 306 LIGHTING FOR INTERIORS

Responsible: Asst. Prof. Dr. Feriha Urfalı Doğu

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
5 <sup>th</sup> Semester	Fall	1 term	English	2	3	4	Compulsory

### Course Description

The course provides a basis for students to understand the role and importance of lighting in the interior. The course covers light theory, light sources, light distribution, and the quality of space under different light sources and their effects on human psychology.

### Competence Goal

After completing the course, the students can:

1. Assess lighting technology and applications
- 2- Document lighting applications and design
- 3- Understand the principles of natural and artificial lighting design
- 4- Have the ability to apply the elements, principles and theories of lighting
- 5- Understand psychological and emotional impact of light in space

### Course grading

Cumulative average is taken by grading exams and submissions

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Submission
3. Final submission

### Workload

Class attendance: Lectures, tutorials 33h  
Independent study: Preparing/follow-up work, exam preparation, project work 87h

### Recommendations

Attending classes and submitting assignments on due dates are highly recommended.

Responsible: Assoc. Prof. Dr. Erçim Uluğ

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
5 <sup>th</sup> Semester	Fall	1 term	English	2	3	4	Compulsory

### Course Description

This course assists the students in exploring the interiors' structural elements such as load bearing structure, partitions, door construction, ceiling and floor design systems including interior furnishing and its construction details. In addition, it improves their understanding of custom design working. The objective of the course is to learn how to design solutions to detailing problems in the design process. Three main elements of the building interiors (floors, walls, ceiling) will be the main focus of the course. Different forms of systems and installations for finishing in interiors such as suspended ceiling, raised floor, light weight wall systems, types and systems of staircases, door and wall systems are introduced to the students.

### Competence Goal

After completing the course, the students can:

1. Draw basic interior elements for interior of a building such as structural system and vertical circulation elements
2. Effectively apply and draw the elements of interior finishes,
3. Illustrate that detailing is an integral part of ongoing design process.

### Course grading

Cumulative average is taken by grading exams and assignments.

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Portfolio Submission
3. Final exam

### Workload

Class attendance: Lectures, tutorials 33h  
Independent study: Preparing/follow-up work, exam preparation, project work 87h

### Recommendations

Attending classes, working on the given assignment and submitting them are highly recommended.

## INAR309 Mechanical Systems in Buildings

Responsible: Asst. Prof. Dr. Ersan Öksüz

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
5 <sup>th</sup> Semester	Fall	1 term	English	2	2	4	Compulsory

### Course Description

Mechanical Systems in Buildings I is a theory course for architecture and interior architecture students providing basic definitions and principles of required mechanical systems for buildings. Performance criteria, systems integrations, envelope, electrical systems, sanitary systems, mechanical systems and heating, ventilating and air-conditioning systems are among the main subjects of the course.

### Competence Goal

After completing the course, the students can:

1. Get the knowledge of basic principles of mechanical systems for buildings.
2. Understand techniques and technologies used for mechanical systems.
3. Comprehend basic building systems in relation to environmental concerns.
4. Gain the ability of integrating mechanical requirements to building design.

### Course grading

Cumulative average is taken by grading exams

### Prerequisites

None

### Prerequisite to

None

### Evaluation tools

1. Final Exam
2. Midterm Exam

### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Preparing/follow-up work, exam preparation, project work 60h

### Recommendations

It is highly suggested to not miss the tutorials for successful exam results.

## INAR 352 INTERIOR DESIGN STUDIO IV

Responsible: Asst. Prof. Dr. Makkbule Oktay

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
6 <sup>th</sup> Semester	Spring	1 term	English	6	8	10	Compulsory

### Course Description

Studio focuses on designing interiors of multifunctional spaces that can be national or of international projects. The students examine the problems that are asked in the design project by focusing on human needs, culture, technology, interior quality, material selection, furniture design and selection. In addition, students are expected to develop exterior-interior space relationship by examining the close surroundings.

### Competence Goal

After completing the course, the students can:

1. Gain the ability to design national or international projects with multifunctional spaces.
2. Establish the balance between interior design, material and technology.
3. Create the relationship between the indoor and outdoor space.
4. Understand space organization, furnishing, material choice in multi-functional and complex interiors.

### Course grading

Cumulative average is taken by grading juries

### Prerequisites

INAR 351 Interior Design Studio III

### Prerequisite to

INAR 451 Interior Design Studio V

#### Evaluation tools

1. Midterm jury
2. In-term juries (interm & prefinal)
3. Final jury

#### Workload

Class attendance: Lectures, tutorials, juries  
120h

Independent study: Preparing/follow-up  
work, jury preparation, project work 180h

### Recommendations

Taking regular critics and submitting assignments on due dates is highly recommended to ease the semester end weight.

## INAR 304 FURNITURE-FINISHES & FIXTURES I

Responsible: Asst. Prof. Dr. M. Selen Abbasoğlu Ermiyagil

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
6 <sup>th</sup> Semester	Spring	1 term	English	2	3	4	Compulsory

### Course Description

This course focuses on reflections of periods of history of art and art movements in furniture design. The course explains and raises awareness about human ergonomics, furniture design and functional relationships in different periods. The students are expected to understand the different period and furniture designs in terms of material, aesthetics, function, structure and detail through research, drawing and making models.

### Competence Goal

After completing the course, the students can:

- 1.Examine different furniture history periods with the reflections of art history and art movements and understanding the differences.
- 2.Understand human ergonomics -furniture-function relation and connection by human-factors issues.
- 3.Examine and develop awareness on different furniture; material-aesthetics-function-structure-detail concepts are studied and the history of different furniture (Ancient Greece, Gothic, Renaissance, Art Deco, etc.) are examined.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Assignment
3. Final exam

### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Preparing/follow-up work, exam preparation, project work 60h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight.

Responsible: Asst. Prof. Dr. M. Selen Abbasoğlu Ermiyagil

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
6 <sup>th</sup> Semester	Spring	1 term	English	2	3	4	Compulsory

### Course Description

This course deals with the construction and detailing of wet and kitchen spaces. It offers systematic instructions for students learning to draft interior construction details that cover detailing fundamentals, including basics of detailing, hand drafting basics, and AutoCAD basics. The building elements to be considered in this course includes detailing and construction methods of new walls and alternative partition walls; floors and ceilings; and furniture, fixtures and fittings. Students will apply the acquired knowledge of the aforementioned elements to design wet and kitchens spaces considering various details, materials, and methods of construction. At the conclusion of the course, students will be able to put what they have learned into practice to create their own simple interior construction details. The course will be disseminated to student through weekly class lectures and practice.

### Competence Goal

After completing the course, the students can:

1. Develop technical skills on construction and detailing in interior design.
2. Understand different types of materials, finishes, construction assemblies and design standards.
3. Understand the detailing and construction methods different interior design elements.
4. Put what they have learned into practice to create simple interior construction details of wet and kitchens spaces.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

Inar 307

### Evaluation tools

1. Midterm exam
2. Assignments
3. Final exam

### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Preparing/follow-up work, exam preparation, project work 60h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight.

Responsible: Asst. Prof. Dr. M. Selen Abbasoğlu Ermiyagil

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
6 <sup>th</sup> Semester	Spring	1 term	English	2	3	4	Compulsory

### Course Description

This course explains ergonomic relations in interior architecture. In this respect, the ratio-proportion aspects are discussed in detail and they are compared case by case from daily needs of ordinary users to the special ones. Ergonomics course will not only elaborate to human building, also human machine relationship. The students will focus on actual ergonomic problems and solutions on different examples.

### Competence Goal

After completing the course, the students can:

1. Understand anthropometric principles at homes and workplaces,
2. Comprehend the necessity for designing different kinds of tasks, such as repetitive tasks, manuel handling tasks, etc.,
3. Understand the relationship between work capacity, stress and fatigue, and trying to find ways for avoidance,
4. Understand psychological aspects of design related to ergonomics.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Assignments
3. Final exam

### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Preparing/follow-up work, exam preparation, project work 60h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight

Responsible: Asst. Prof. Dr. M. Selen Abbasoğlu Ermiyagil

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
7 <sup>th</sup> Semester	Fall	1 term	English	6	8	11	Compulsory

### Course Description

Interior Design Studio V is a studio-based design course aims to solve complex interior architectural problems at larger scale. This studio deals with more in-depth tectonic modes of interior architectural problems and it focuses on medium/large scale public buildings, administrative buildings, cultural and central building's interior with complex spatial problems. Students are expected to develop a scenario and an interior architectural program depending on their own scenario by considering the given design problem and interior architectural program as a framework.

### Competence Goal

After completing the course, the students can:

1. Develop society, human and environmental-oriented design approaches by realizing the scope and responsibilities of the field,
2. Achieve more in-depth understanding of more complex design issues and interior architectural ideas/concepts
3. Refine understanding of spatial configurations, problem solving and creating thinking abilities,
4. Improve basic theoretical and practical knowledge related to the discipline of design and using this knowledge to design and construct innovative and original projects,
5. Design by understanding up to date building technology and contemporary materials, furniture.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

Inar 352 Interior Design Studio IV

### Prerequisite to

Inar 452 Interior Design Studio V

### Evaluation tools

1. Midterm Jury
2. Interim Jury
3. Final Jury

### Workload

Class attendance: Lectures, tutorials 100h  
Independent study: Preparing/follow-up work, jury preparation, project work 230h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight

Responsible: Asst. Prof. Dr. M. Selen Abbasoğlu Ermiyagil

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
7 <sup>th</sup> Semester	Fall	1 term	English	2	3	4	Compulsory

### Course Description

The course discusses anthropometry and human ergonomics and the relationship between the two for understanding the furniture design process and the products. Design methodologies and concepts, the process of designs, different art movements' reflections on furniture designs are discussed and studied. Contemporary designs and designers are studied for understanding people-focused designs as well as the differences between kern form and kunstform, invention and innovation. The students are expected to design contemporary furniture, make research, draw and make models.

### Competence Goal

After completing the course, the students can:

1. Understand of the functional aspects of furniture and design-object materials,
2. Understand the processes and concepts of furniture and design objects for the development and construction of design ideas,
3. Gain awareness on relationship of design history to the creation of new products for interior design,
4. Recognize furniture styles, decorative elements and motifs, and interior design components specific to a historical period,
5. Develop the ability to make contemporary design by understanding the period styles of furniture and decorative arts by being influenced by contemporary art / design trends throughout the world.

### Course grading

Cumulative average is taken by grading exams and assignments

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm exam
2. Assignment
3. Final exam

### Workload

Class attendance: Lectures, tutorials 60h  
Independent study: Preparing/follow-up work, exam preparation, project work 60h

### Recommendations

Submitting assignments on due dates is highly recommended to ease the semester end weight

Responsible: Prof. Dr. Lerzan Aras

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
7th Semester	Fall	1 term	English	1	2	2	Compulsory

### Course Description

The graduation project research is essential to provide required data for developing the interior architectural design of the final project. The primary purpose is to make students to identify a theme, collect relevant information and data systematically, make analysis and present the findings with all necessary tools.

### Competence Goal

After completing the course, the students can:

1. Develop a design brief and structure a design process in relation to specified dynamics
2. Gather and organize scientific data
3. Refine their understanding about problem solving and creating thinking abilities
4. Improve basic theoretical and practical knowledge related to the discipline of interior design and use this knowledge for constructing innovative and original projects.

### Course grading

Cumulative average is taken by grading all submissions

### Prerequisites

none

### Prerequisite to

INAR 452

### Evaluation tools

1. Midterm submission
2. Preliminary submissions (2)
3. Final submission

### Workload

Class attendance: Lectures, tutorials 28h

Independent study: Preparing/follow-up work, submission preparation 32h

### Recommendations

Using online tools for research is highly recommended.

Responsible: Prof. Dr. Lerzan Aras

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
8th Semester	Spring	1 term	English	6	8	11	Compulsory

### Course Description

In this course students develop a graduation project whose program was researched and developed in the graduation research project lecture in the light of defined limitations (INAR 461). In this regard, students create their unique design approaches to the proposed interior architectural brief. Designing interior spaces of complex structures like administrative, cultural, buildings and hotels are the topics of this course. In addition, it is expected that an additional space will be proposed to the existing structure in order to increase social awareness.

### Competence Goal

After completing the course, the students can:

1. Work easily with guidelines, acts, regulations, standards, professional ethics related to the field of Interior Architecture
2. Develop design project visually, verbally and literary in both 2 and 3 dimensional ways; and conveys this idea to the targeted audience,
3. Improve basic theoretical and practical knowledge related to the discipline of interior design and uses this knowledge to design and construct innovative and original projects,
4. Present conceptual drawings, sketches and visual materials in advanced level.

### Course grading

Cumulative average is taken by grading all submissions

### Prerequisites

INAR 451

### Prerequisite to

none

### Evaluation tools

1. Midterm Jury
2. Final Jury

### Workload

Class attendance: Lectures, tutorials 120h  
Independent study: Preparing/follow-up work, submission preparation 210h

### Recommendations

Time management is highly recommended.

Responsible: Prof. Dr. Lerzan Aras

Department: Interior Architecture and Environmental Design

Offered in	Term	Duration	Language	Credits	Weekly hours	ECTS	Type
8th Semester	Spring	1 term	English	2	3	5	Compulsory

### Course Description

This course focuses on the ergonomic and functional aspects of furniture design and the materials used. Also the course examines the application and use of appropriate materials and their constructions for furniture and other objects. Material manipulation, furniture and object design works, portfolio design and development of prototypes are created. The students are expected to design contemporary furniture based on a unique concept and research, draw, make models and send their prototypes to production in given scale.

### Competence Goal

After completing the course, the students can:

1. Develop the ability to make contemporary design by understanding the period styles of furniture and decorative arts by being influenced by contemporary art / design trends throughout the world.
2. Examine the connections between human ergonomics-furniture-function relationship and human factors and to develop design by considering material-aesthetics.
3. Understand and relate design processes, concepts, design philosophies and design methodologies for the development and construction of furniture and design ideas.
4. Start from the concept development, designing the furniture / object / product until the production process to carry out the design stages and to have the ability to make production.

### Course grading

Cumulative average is taken by grading all submissions

### Prerequisites

none

### Prerequisite to

none

### Evaluation tools

1. Midterm submission
2. Final submission

### Workload

Class attendance: Lectures, tutorials 45h  
Independent study: Preparing/follow-up work, submission preparation 105h

### Recommendations

Following the required reading list and making research on daily basis is recommended. Please make sure that you take your design project (INAR 452) as a reference.