



**YILDIZ TECHNICAL UNIVERSITY FACULTY OF ARCHITECTURE
DEPARTMENT OF ARCHITECTURE**

**BACHELOR OF ARCHITECTURE PROGRAM
ARCHITECTURAL DESIGN COURSES DIRECTIVE**

Part One

Purpose, Scope, Basis, and Definitions

Clause 1- PURPOSE and SCOPE

This directive has been established in accordance with the "YTU Regulation on Associate and Undergraduate Education and Training" published in the Official Gazette dated 19/01/2012 and numbered 28178, and the "YTU Course Registration and Selection Procedure Principles" mentioned in the decision of the YTU Senate dated 26.01.2012 and numbered 01-07 in order to regulate the procedures and principles regarding the studies to be carried out and evaluated in the Architectural Design courses in the curriculum of Yıldız Technical University (YTU) Faculty of Architecture, Department of Architecture Bachelor Program. Architectural Design Courses Directive was approved by the Academic Board of the Department of Architecture on 20/09/2023.

Clause 2 - DEFINITIONS

- a. Higher Education Institution:** Yıldız Technical University.
- b. Relevant Senate:** The Senate of Yıldız Technical University.
- c. Relevant Faculty Board:** It is the "Faculty Board" of Yıldız Technical University Faculty of Architecture.
- d. Relevant Faculty Executive Board:** It is the "Faculty Executive Board" of Yıldız Technical University Faculty of Architecture.
- e. Relevant Department:** Yıldız Technical University, Faculty of Architecture, Department of Architecture.
- f. Relevant Department Board:** Yıldız Technical University Faculty of Architecture, Department of Architecture "Department Board".
- g. Architectural Design Course Coordinator:** The Architectural Design Course Coordinator is a faculty member assigned by the Department Head, who manages the entire process from the

determination of the subject of the relevant Architectural Design course to the final evaluation, and ensures coordination and communication between the architectural design course group coordinators and students.

h. Architectural Design Course Group Coordinator: These are the faculty members of the department who advise the groups in the Architectural Design courses in the process and carry out the course, the faculty members who have completed their doctorate, and the lecturers who are assigned an hourly wage.

i. Studio: These are the spaces where Architectural Design courses are conducted and students continue their studies related to design courses.

j. Jury *An open jury is a form of evaluation that is open to the project owner and other students. A closed jury is an evaluation that is not open to other students except the project owner student.*

Architectural Design education constitutes the main axis of architectural education. The Architectural Design courses mentioned in this directive are eight (8) in total. The definitions, objectives, and contents of the Architectural Design courses are given below. Detailed information about Architectural Design courses can be found at www.bologna.yildiz.edu.tr.

g. MIM1011 Introduction to Architectural Design:

Course Objective: Introduction to Architectural Design course aims to investigate, question, and interpret design thinking, the concept of space, the basic principles of design, and the relationships of these concepts and principles with other fields of knowledge. It aims to combine the basic design principles, architectural expression and communication knowledge acquired in the first semester of architectural education and the knowledge about the place and dimensions of human beings in space.

Course Content: Basic principles of architectural design, architectural design process, visual analysis techniques, understanding the architectural environment; human actions and movements, design concepts, architectural space, scale, and proportion. Within the scope of this course, it is aimed to develop the student's ability to understand, interpret, and explain architectural space, and architectural environment.

h. MIM1012 Architectural Design 1:

Course Objective: The main aim of the Architectural Design 1 course is to gain the ability to think in multiple ways from the early stages of architectural design and to produce spatial solutions arising from different relationships through a design problem related to "housing". To increase the student's knowledge of ergonomics and the process of designing the space specifically for the user.

Course Content: The content of the course includes residential (single house) design, context-limited design exercises, using environmental data in design, organizing spaces for their users, thinking in three dimensions, representing the design process, examining different examples from the world, and producing metaphors through conceptual ideas.

i. MIM2011 Architectural Design 2:

Course Objectives: The course aims to identify an architectural problem, collect, combine, evaluate, and develop the necessary information, read the existing built environment with its different layers as physical space and social space, and interpret the proposed function

program with the solution of limited technological problems. The course aims to provide the student with the ability to solve basic technological problems to a limited extent and to reflect the material and system preferences of the proposed project.

Course Content: The content of the course consists of the design of a multi-storey building with a limited program that includes the analysis of the physical environment with environmental factors and user requirements.

j. MIM2012 Architectural Design 3:

Course Objective: To develop students' research, analysis, and synthesis skills related to architectural design through the design of a multifunctional building. It aims to provide students with the ability to design a multifunctional building.

Course Content: The main content of the course is the design of a multifunctional, small-scale building for education, culture, health, sports, etc., and its presentation as a preliminary project.

k. MIM3011 Architectural Design 4:

Course Objective: The course aims to develop sustainable designs according to the topics and programs determined by the students based on their observations and research, starting from the stages of urban scale and urban relations to the architectural scale.

Course Content: Making sustainable design experiments in the regions of the city and its immediate surroundings in terms of texture, function, history, natural and topographic qualities; determining social, functional and spatial characteristics; realization of discussions on the functional proposals determined by the student as a result of the research; new functions within the changing structure of the city, historical features, sanitization of buildings, arrangement of urban spaces and open spaces in the design of the proposed building, spatiality. Design problems arising from the overlapping of different functions are one of the important stages to be evaluated / research in the subject region, social, cultural, economic, physical structures of the region and analysis, observation, survey, literature research techniques are used / participation in seminars organized with the support of different disciplines at points that will ensure the development of the design in the project process.

l. MIM3012 Architectural Design 5

Course Objective: The course aims to develop the ability to analyze the problems of repetition, duplication, and diversification within an architectural grammar.

Course Content: To examine the problems of repetition, reproduction, and diversification in architectural design; to develop methods of systematically approaching the problems of repetition, reproduction, and diversification; to create norms and standards; to operate on norms and standards, to evaluate the economic and technical, cultural and ontological dimensions of the problem; production techniques; to deal with building materials and quantities; to examine ways of living and habits; to address issues such as existence, memory; to evaluate approaches to sanitizing collapsed areas in the city.

m. MIM4011 Architectural Design 6

Course Objectives: This course aims to emphasize the concepts of environment in special urban areas and to prepare the students for graduation study by informing them about the design of buildings with complex functions.

Course Content: Analyzing the built environment / addressing conceptual issues within the architecture - urban design study / developing designs that take into account the function-form-environment relations within the architectural project as a whole / designing solutions that include complex functional issues with sanitation, urban renewal, and advanced construction technology in special urban areas.

n. MIM4012 Architectural Design 7

Course Objective: To test the professional competence and design knowledge and skills of architecture students under the supervision of advisors consisting of at least two full-time faculty members of the Department of Architecture and at least three related experts.

Course Content: Analysis and evaluation of built and natural environment components within the city as a whole; creation of a multifunctional building program; consideration of inclusive design components in the context of the project; evaluation of sustainable design parameters and environmental systems in the project fiction; design and detailing of the structural system, structural elements and building materials required by the building program, taking into account all regulations related to life safety and accessibility.

Part Two

Procedures and Principles Regarding the Conduct and Evaluation of the Studies in the Architectural Design Courses of the Bachelor of Architecture Program

Clause 3. Conduct of Architectural Design Courses

a. Architectural Design courses are prerequisite courses that must be taken in sequence according to the Bologna YTÜ Bachelor of Architecture Program curriculum. At the beginning of each semester, the Architectural Design Course Coordinator determines the number of students who will take the courses and the number of groups that will provide sufficient efficiency depending on the number of students. The group coordinators of the Architectural Design courses are primarily selected among the tenured faculty members of the department. To obtain different architectural views in the courses, to ensure diversity, to transfer different views and experiences to students, faculty members in the relevant departments of other universities and/or architects who are successful in their fields of expertise or works and have professional experience in their field are also determined as the instructors of this course, approved by the Architecture Department Board and submitted to the Faculty Administrative Board.

b. YTU Associate and Undergraduate Education and Training Regulations apply to the attendance requirement for Architectural Design courses. In Architectural Design courses, 80% attendance is compulsory. The student must fulfill the same attendance requirement again in the repetition of the failed Architectural Design course. Since the course is within the scope of applied courses and is carried out with the individual work of the student, the attendance condition is ensured by the student's active participation in the studies, not just by being present in the course. In this context, the record kept by the group coordinator about participation in the course is essential for the attendance requirement.

c. Among the students who cannot attend the semester exams (evaluation/jury) due to valid excuses specified in the relevant clauses of YTU Associate and Undergraduate Education Regulations, those who have a medical report must submit their excuse documents to the

Department of Architecture within three working days following the end of the reporting period; students who have excuses other than health problems must submit their excuse documents to the Department of Architecture within three working days after the date of the excuse. These students are given an excuse exam (evaluation/jury) in the week announced by the Registrar's Office. The student can take an excuse exam for only one of the semester exams.

d. Students who do not attend the midterm exams (evaluation/jury) without documenting a valid excuse within the reasons specified in the relevant clauses of YTU Associate and Undergraduate Education Regulations lose the right to participate in the final (evaluation/jury) written and oral exams of the Architectural Design course. It is compulsory for the student to attend all of the semester exams (evaluation/jury) announced by the relevant Architectural Design Coordinator or the Head of the Department of Architecture.

e. If the group leader of the course cannot attend the midterm exams (evaluation/jury), final exam (evaluation/jury), and/or make-up exam (evaluation/jury) due to a valid excuse, the evaluation process continues with other jury members in his/her absence.

Clause 4. Principles of Studio Use in Architectural Design Courses:

a. Architectural Design courses are held in studios determined by the Head of the Department according to the quota of the course and the number of groups.

b. Among the Architectural Design courses, IAD, AD1, AD2, AD3, AD4, AD5, and AD6 are held on Tuesdays and Fridays for 4 hours each, totaling 8 hours, and AD7 is held for 6 hours in a single day.

The places of Architectural Design courses in the weekly course schedule in the semesters are as follows:

Fall Semester (Tuesday/Friday)	Morning / 4 hours	AD2, AD4 and AD6
	Afternoon / 4 hours	IAD, AD1, AD3 and AD5
Spring Semester (Tuesday/Friday)	Morning / 4 hours	IAD, AD1, AD3 and AD5
	Afternoon / 4 hours	AD2, AD4 and AD6

c. In the Architectural Design courses, in addition to the use of the studio space during class hours, an arrangement for studio use with two different usage periods under the name of continuous and open workshop has been developed.

Open Studio: These are the studios that the Department of Architecture makes available to the students of Architectural Design courses during all free hours after the compulsory and elective courses. AD7 course uses the designated studio as an open studio one full day a week outside of class hours.

Continuous Workshop: These are studios reserved for students who take AD5 (3rd grade/6th semester) and AD6 (4th grade/7th semester) courses from Architectural Design courses to work on projects related to the architectural design course 7/24.

d. Seminars, conferences, and workshops are organized in the studios of Architectural Design courses throughout the education process. Architectural Design Course Coordinator; in special and exceptional cases (such as exercise, laboratory, practical work, workshop, studio, sketches, field applications, field work, etc.) takes the opinion of the Head of Department.

e. Studio Culture:

- The learning process in Architectural Design courses is free and dynamic.
- Students have the privilege to decide where they want to work and where they want to go/see. Architectural Design studios focus on enhancing the quality of life as well as supporting the learning experience.
- Supports collective knowledge sharing.
- Permanent studio spaces allow students to work actively.

Clause 5. Principles of Advisor and Subject Selection in Architectural Design Courses

a. The quotas of the Architectural Design courses are determined by the Department of Architecture by taking the opinions of the Architectural Design Course Coordinators and announced to the students on the department boards and/or web page before the course registrations specified in the academic calendar. Students enroll in the courses within the quota determined by the Department of Architecture. (Added by the Senate decision dated 25.08.2016/03-04)

b. In all courses such as Architectural Design courses, which are divided into more than one group and taught by more than one faculty member, instructor and/or lecturer, the first and second education programs are independent of each other; open as a single group (course generation). After the end of course registrations, the total number of students is distributed to the groups by the Head of the Department in such a way that the total number of students is almost equal. Special and exceptional cases are decided by the relevant Faculty Administrative Board with the opinion of the Department Board with justification. (Added by the Senate decision dated 25.08.2016/03-04)

c. The minimum number of students to open a course group is 12. With the decision of the relevant Faculty Executive Board, this number can be reduced to 10 students. In cases where it is compulsory to carry out education and training individually or in small groups, and in special and exceptional cases (special talent, artistic work, special application, laboratory, practical work, workshop, studio, sketches, field applications, fieldwork, etc.), the number of students is decided by the relevant Faculty Executive Board with the opinion of the department board. (Added by the Senate decision dated 25.08.2016/03-04)

d. The study topics of the Architectural Design courses are determined by the Architectural Design Course Coordinator and the relevant Architectural Design course Group Coordinators by considering social equality and social benefit and submitted to the Department of Architecture.

Clause 6. Evaluation Procedures of Architectural Design Courses

a. General evaluation criteria are determined by the Architectural Design Course Coordinator and Architectural Design Course Group Coordinators for each Architectural Design course in accordance with its scope, subject, purpose, and context and announced to the students at the beginning of the education. Considering the level of each Architectural Design coursework,

it is mandatory that the student's work complies with the relevant laws, regulations, and standards, and the evaluation questions whether this compliance has been realized.

b. At least two mid-term exams in semester (evaluation/jury) are held under the supervision of the Architectural Design course Coordinator and Architectural Design course Group Coordinators regarding the semester studies of the Architectural Design courses. In addition, sketch exams can be organized as many times as deemed necessary. Copies of the exam documents are received from the students in A3 format and kept as exam documents.

The student is present at the designated place to submit and discuss his/her work for evaluation on the days and times specified in the Weekly Work Program announced at the beginning of the semester. Evaluation juries are held open or closed to the students according to the Architectural Design course's setup. The Architectural Design course coordinator submits his/her decision to the Head of the Department. All evaluation juries for mid-term and final exams (evaluation/jury) consist of **at least 2 (two)** faculty members and are determined and announced by the course coordinator. At least one of the members of the evaluation jury must be an in-house tenured faculty member.

c. The submission of the final exam (evaluation/final jury) of the Architectural Design courses is delivered digitally on the day and time determined by the Department of Architecture, and if requested by the relevant architectural design course coordinator or the Head of the Department of Architecture, it is delivered as print-out with signature to the relevant person at the announced venue. In the final and make-up exam programs, **1 (one) day** interval is left between the submission of the projects and the jury evaluation for preliminary evaluation.

d. The final exam (evaluation/final jury) is carried out by evaluating the student's final submission work in accordance with the academic calendar. It consists of two parts: written and oral. The written exam is the project documents submitted within the scope of Architectural Design courses. In the evaluation, the student's attendance and development line in the two mid-term exams (evaluation/jury) during the semester, the final project presented, the conceptual infrastructure of the project, the detailed literature research on the subject, the answers given to the questions asked by the final exam jury during this presentation and the opinions of the jury members of the final exam of the Architectural Design course in question are considered and graded as a whole.

e. Students who submit their projects on the day specified for the final exam but do not defend their project on the day of the jury, even if they have submitted their work, take the make-up exam (jury/evaluation) on the specified date.

f. Make-up Exam (evaluation/make-up jury): It is carried out by evaluating the student's make-up submission work in accordance with the academic calendar. It consists of two parts, written and oral. If the student has fulfilled the attendance requirements, he/she can take the Make-up Exam without taking the Final Semester Exam. In the evaluation, the student's attendance and development line in the two semester exams (evaluation/jury) during the semester, the final project presented, the conceptual infrastructure of the project, its compliance with the course learning outcomes, and the relevant technical standards, the detailed literature research on the subject, the answers given to the questions asked by the Make-up Examination Jury during this presentation and the opinions of the jury members of the make-up exam of the Architectural Design course in question are taken as a whole. It is essential that the student who submits his/her project enters the Make-up Oral Exam Jury.

g. According to the evaluation system of Architectural Design courses; at the beginning of each academic semester, the Architectural Design Course Coordinator and the relevant Architectural Design Course Group Executives prepare the "Course Catalog", which addresses the subject, purpose, scope, learning outcomes and the skills that the student should acquire in a clear and understandable language, and it is announced/communicated to the students.

h. The minimum grade required to be successful in the Architectural Design courses is CC (2.00) in order to be successful in the Final Examination (Evaluation/Final Jury) and Make-up Examination (Evaluation/Jury). It is not recommended to give a conditional pass grade of DC (1.50) except in non-essential cases.

(AA)-(BA): Excellent-Very Good. The student's project work is of outstanding quality and the design solution demonstrates a deep understanding of the topics in the project catalog. The project is fully developed and well-presented. The design solution validates the student's conceptual and qualitative and/or quantitative analysis.

(BB)-(CB): Good-Fair. The student's project work meets all expectations in the project catalog and addresses the topic with above average understanding. The design proposal is consistent with the stated research/project objectives. The response to the problem is clear and readable but may contain some occasional problems. The student's project work addresses all learning outcomes of the project. The student's performance exceeds the minimum requirements.

(CC): Satisfactory. The student's work fulfills the minimum requirements for the course learning outcomes. The student's work fulfills the minimum requirements of the objective criteria without introducing new information into the studio; it requires average understanding and effort. The response to the problem is clear, and legible but contains inaccuracies. It reveals a sufficient understanding of the problems but lacks depth of understanding and approach to solving the problem. Content and format do not go beyond basic expectations and/or may contain partial errors that do not affect the whole. It is the minimum acceptable performance without going beyond the minimum requirements.

i. Final Exam (evaluation/final jury) and Make-up Exam (evaluation/make-up jury) can be organized as open or closed jury in IAD, AD1, AD2, AD3, AD4, AD5, and AD6 courses. Within the scope of the AD7 course, Final Exam Jury and Make-up Exam Jury are organized as open jury.

Enforcement

Clause 7 - This directive enters into force on the date of its adoption by the Faculty Board of Yıldız Technical University Faculty of Architecture and is conducted by the YTU Department of Architecture. (..... **day and number added by the decision of the relevant Faculty Board**)

Clause 8- The principles of conduct and evaluation of Architectural Design courses may be changed by the Faculty Board of YTU Faculty of Architecture upon the proposal of the YTU Architecture Department Board. (..... **day and number added by the decision of the relevant Faculty Board**)