CYPRUS INTERNATIONAL UNIVERSITY

Architecture - English - Undergraduate
Course Syllabus
2024-25 Spring

Code(s)	Course Name	Type	Weekly Course Hours			Credits	ECTS
			T	A	L		
ARCH301 MIMA301	ARCHITECTURAL DESIGN-III	Course	3	4	0	5	9

Prerequisite	ARCH202	Language of Instruction	English
Course Lecturer / Extension	Asst. Prof. Dr. Gültekin ÇİZGEN / 2120 Asst. Prof. Dr. Yasemin MESDA / 2114		
E-mail	gcizgen@ciu.edu.tr ymesda@ciu.edu.tr	Office Hours	EH305 Tuesday 11:30:00 - 12:20:00
Teaching Assistant(s)			

Textbooks and/or References	
Book / Reference 1	Pearman,H., (ed.) 2005. Contemporary World Architecture, Phaidon Press Ltd., London.
Book / Reference 2	Rasmussen, S.E., 2000. Experiencing Architecture, MIT Press.
Book / Reference 3	Neufert,E.,Neufert,P., Baiche,B.,Walliman,N. 2000. Architects' Data, Blackwell Science
Book / Reference 4	March, L., & Steadman, P. (2019). The geometry of environment: an introduction to spatial organization in design. Routledge.

Week(s)	Topics	Learning Outcomes	Solo Taxonomy Weight
Week 1	Introduction	1. Competence of creative thinking on architectural design	-
Week 2	Introduction / Design Subject Discussion -LAB	2. Ability to formulate conceptualize and visualize the architectural design problem	-
Week 3	Site Analysis within urban fabric presentation ;Conceptual Idea discussion, Functional Layout, Formal Approaches .Design Development in Studio: site Plan . Submission of concept posters. -LAB	3. Ability to develop form and function concepts at the architectural design	-
Week 4	Conceptual Design Proposal; concept development; space analysis; zoning; circulation analysis -LAB	4. Capability to represent a design concept by using different drawing techniques.	-
Week 5	;Architectural Design Development - LAB	5. Ability to develop knowledge on structural systems	-
Week 6	Architectural Design Development - LAB	6. Competence to developing an awareness and sensitivity to built environment, aesthetic values and taste	-
Week 7	PRELIMINARY JURY 1	7. Capability to creating design solutions responsive to diverse contexts.	-
Week 8	Architectural Design Development - LAB		-
Week 9	Architectural Design Development - LAB		-
Week 10	Architectural Design Development - LAB		-
Week 11	Architectural Design Development - LAB		-
Week 12	Architectural Design Development - LAB		-

Week 13	Architectural Design Development - LAB		-
Week 14	Architectural Design Finalization -LAB		-
Week 15	FINAL JURY		-
		Solo Taxonomy Average	0.00

Evaluation Tools	
Evaluation Tool	Weight in Total(%)
Midterm - Midterm	30
Final - Final	40
Quiz - Pre Jury I	10
Quiz - Pre Juru II	10
Assignment - Design Process	10

It is obligatory that students attend to their classes. Absenteeism of students shall be monitored by the relevant teaching staff. It is imperative that students attend minimum of 70% of class hours in their courses.

#	Learning Outcomes
LO1	1. Competence of creative thinking on architectural design
LO2	2. Ability to formulate conceptualize and visualize the architectural design problem
LO3	3. Ability to develop form and function concepts at the architectural design
LO4	4. Capability to represent a design concept by using different drawing techniques.
LO5	5. Ability to develop knowledge on structural systems
LO6	6. Competence to developing an awareness and sensitivity to built environment, aesthetic values and taste
LO7	7. Capability to creating design solutions responsive to diverse contexts.

#	Program Outcomes
PO1	I) Architecture - Design / Creative Thinking - Critical Thinking: The student will be able to think creatively and critically, express interrogation, abstract thoughts and evaluate opposing views, and examine the results by similar criteria.
PO2	I) Architecture - Design / Creative Thinking - Communication: The student will be able to read, write, express ideas according to the purpose and to express design thinking through different representation environments.
PO3	I) Architecture - Design / Creative Thinking - Research: The student will be able to evaluate, document and apply comparative information about design process.
PO4	I) Architecture - Design / Creative Thinking - Designing: The student will be able to reproduce the design knowledge in creative thinking process and to achieve new and original results in the context of universal design principles such as sustainability and accessibility.
PO5	II) Architecture - History / Theory, Culture / Art - World Architecture: The student will be able to evaluate the world architecture in the context of historical, geographical and global relations.
PO6	II) Architecture - History / Theory, Culture / Art - Local Architecture / Cultural Diversity: The student will be able to evaluate the architectural formations and examples in the context of historical and cultural relation; to distinguish the differences between the value judgments, behavior patterns, social and spatial patterns that define different cultures.
PO7	II) Architecture - History / Theory, Culture / Art - Cultural Heritage and Conservation: The student will be able to associate cultural heritage, conservation awareness, environmental awareness and ethical responsibility, conservation theories and methods.
PO8	III) Architecture - Environment / Urban Space/ Society - Sustainability: The student will be able to use sustainable tools to minimize unwanted environmental impact on future generations by using natural and built environment information.
PO9	III) Architecture - Environment / Urban Space/ Society - Social Responsibility: The student will be able to distinguish the responsibility of the architect in respect the public interest; historical / cultural and natural resources and improving the quality of life
PO10	III) Architecture - Environment / Urban Space/ Society - Nature and Human Beings: The student will be able to associate all aspects of the interaction between natural systems and the design of the built environment.
PO11	III) Architecture - Environment / Urban Space/ Society - Geographical Conditions: The student will be able to associate the issues related with natural features, such as soil conditions, topography, vegetation, natural disaster risk etc., and cultural, economic and social characteristics.
PO12	IV) Architecture - Technology - Life Safety: The student will be able to evaluate the basic principles of security and emergency systems in terms of structure and environment in cases of natural disaster, fire, etc.
PO13	IV) Architecture - Technology - Structural Systems: The student will be able to evaluate the principles of development and applications of static and dynamic structural systems with vertical and lateral forces.

PO14	IV) Architecture - Technology - Building Envelope Systems: The student will be able to evaluate the importance of the application of the principles and principles of design regarding the building envelope materials and systems
PO15	IV) Architecture - Technology - Building Service Systems: The student will be able to evaluate the basic principles of service systems design of water and electrical installation, circulation, communication, security and fire protection etc.; to get the principles and standards related to production, use and applications, environmental impacts and reusability of building materials in the context of technological developments.
PO16	IV) Architecture - Technology - Integration of Building Systems: The student will be able to evaluate, select and integrate structural, environmental, security, building envelope, building service systems in design.
PO17	V) Architecture - Profession - Program Preparation and Evaluation: The student will be able to develop and evaluate the architectural project program according to the public interest, employer and user requirements, appropriate examples, spatial and hardware requirements, financial constraints, land conditions, related laws, regulations and design criteria.
PO18	V) Architecture - Profession - Extensive Project Development: The student will be able to develop and integrate an architectural project at different scales, taking into account environmental and building systems and building technologies
PO19	V) Architecture - Profession - Cost of Building: The student will be able to evaluate the main factors related to the cost of building construction and usage.
PO20	V) Architecture - Profession - Architect-Employer Relationship: The student will be able to evaluate the responsibility of the employer, the owner and the user to determine the needs and resolve them in a way that does not conflict with the public interest.
PO21	V) Architecture - Profession - Teamwork and Collaboration: The student will be able to organise the environment to work in collaboration with the project team and multi-disciplinary teams in order to successfully complete the design and implementation projects
PO22	V) Architecture - Profession - Project Management: The student will be able to evaluate architectural project recruitment methods, selection of consultants, creation of project teams, project delivery methods, and service contracts etc.
PO23	V) Architecture - Profession - Application Management: The student will be able to evaluate the basic principles of architectural application process of financial management, business planning, quality management, risk management, discussion, compromise etc.
PO24	V) Architecture - Profession - Leadership: The student will be able to constitute the methods of organizing and developing the structure design and implementation processes regarding the environmental, social and aesthetic sensitivities of the society
PO25	V) Architecture - Profession - Legal Rights and Responsibilities: The student will be able to put into practice the legal framework in which the architect has a decisive role in his / her professional rights, towards the society and to his employer.
PO26	V) Architecture - Profession - Professional Practice: The student will be able to clarify the role of pre-professional practice in professional development, mutual rights and responsibilities of employer and trainee.
PO27	V) Architecture - Profession - Professional Ethics: The student will be able to achieve the ethical approaches necessary for the formation of professional judgment on social, political and cultural elements in architectural design and implementation.
PO28	IV) Architecture - Technology - Building Physics and Environmental Systems: The student will be able to synthesize the basic principles of building physics and energy use and the importance of using appropriate performance evaluation tools in the design of physical environment systems, lighting, acoustics, air conditioning etc.
PO29	IV) Architecture - Technology - Building Envelope Systems: The student will be able to evaluate the importance of the application of the principles and principles of design regarding the building envelope materials and systems.