ECTS Course Description Form

PART I (Senate Approval)

Offering School	Antalya Bilim University-Faculty of Fine Arts and Architecture					
Offering Department	Architecture					
Program(s) Offered to	Architecture					Core Course
Course Code	ARC 3011					
Course Name	Architectural Design Studio V					
Language of Instruction	English					
Type of Course	Theory&Practical					
Level of Course	Undergraduate					
Hours per Week	Lecture: 4	Laboratory:	Recitation:	Practical: 4	Studio:	Other:
ECTS Credit	10					
Grading Mode	Letter Grade					
Pre-requisites	ARC 2012					
Co-requisites	None					
Registration Restriction	Students of Architecture can take the course					

Educational Objective	To gain the ability of creative and critical thinking; to acquire the ability to understand and interpret environmental relations; to design building subsystems that meet user requirements; being aware of innovative and technological developments in architecture; being able to develop sustainable solutions to design problem; to gain ability to organize the relationships of vertical and horizontal systems with a comprehensive design project; acquire the ability to select appropriate building materials and select and arrange structural system components; to gain ability to represent project ideas in written, oral and graphical ways.
Course Description	The studio consists of a collection of encounters that support personal insights in which the fundamentals of space construction are explored, focusing on basic concepts such as spatial experience, context, function, user, scale, formal composition, and where the design process is evaluated through project proposals throughout the semester. In this studio course, the following skills will be gained: developing the design approach in the light of analysis, synthesis and personal observations and having conceptual knowledge to express the design approach; the ability to transform the design approach into a personal understanding influenced by environmental, historical, cultural and social factors and nourished by different disciplines and concepts; analyzing spatial relationships and developing all these processes with new spatial relationship suggestions; being able to see criticism as a part of the architectural project production process and turn it into a design tool.

Learning Outcomes	**LO1**	See the design problem as a research process and can construct this process with information obtained from fields, sources and methods.
	LO2	Develop suggestions on a multi-dimensional design problem by considering the context, city, culture, social values and user requirements.
	LO3	Use appropriate means of representation to express design approaches in a graphic, written and verbally creative way.
	LO4	Develop their skills to work with the team by sharing their knowledge and skills in the design process.
	LO5	Improve their knowledge about design, structure, material and construction systems of complex buildings.

PART II (Faculty Board Approval)

		Program Outcomes	LO1	LO2	LO3	LO4	LO5
Basic Outcomes (University-wide)	**PO1**	**Ability** to communicate effectively and write and present a report in Turkish and English.			X		X
	PO2	**Ability** to work individually, and in intra-disciplinary and multi-disciplinary teams.	X				X
	PO3	**Recognition** of the need for life-long learning and **ability** to access information , follow developments in science and technology, and continually reinvent oneself.	X			X	X
	PO4	**Knowledge** of project management, risk management, innovation and change management, entrepreneurship, and sustainable development.	X	X	X	X	X
	PO5	**Awareness** of sectors and **ability** to prepare a business plan.					
	PO6	**Understanding** of professional and ethical responsibility and **demonstrating** ethical behavior.					
Faculty Specific Outcomes	**PO7**	Gain the ability of conceptualizing, applying, analyzing, synthesizing and evaluating information effectively (Critical Thinking)	X	X		X	
	PO8	Produce innovative ideas and products with creativity (Creativeness).	X	X	X	X	X
	PO9	Gain the ability of leadership, entrepreneurship and self-leadership skills (Leadership and Entrepreneurship).	X				
	PO10	Care about the ethical values and principles; behave in accordance with these in professional and social life (Ethical Behavior).					
	PO11	Understand, define and reach the information that they need; use information effectively and share it with others (Information Literacy).	X			X	X
	PO12	Use information effectively and communication technologies while learning, and can share their knowledge and experience with others using technology and visual means (Information and Communication Technology Literacy).					

	PO13	Learns the concepts of architectural design and theories of architecture as well as the intellectual, historical and cultural background to evaluate them from a critical perspective and use them in developing design solutions. One can express one's solutions verbally and in written form. (Knowledge and Ability)	X		X	X	X
	PO14	Knows to express each stage of the design process formally by using hand drawings together with the European Computer Driving Licence and other software technologies. (Knowledge and Communication Competence)	X		X	X	X
	PO15	Designing space (environment, construction, building) on different scales that are sensitive to the natural and built environment within the framework of basic design and architectural principles. One also knows research methods. (Knowledge and Ability)	X		X	X	X
	PO16	Speak at least one foreign language at B1 General Level of European Language Portfolio to express oneself and to follow developments in the field of architecture. (Knowledge and Communication Competence)	X		X	X	X
	PO17	Executes an independent project or to take responsibility in multidisciplinary studies, to communicate effectively and share knowledge and competency during the design process. (Competency to work independently and take responsibility)	X		X	X	X
	PO18	To knowledge and understanding to analyze building design and systems regarding architectural practice (from prehistoric times to the present). (Knowledge)	X	X		X	X
	PO19	Develops a design that respectable to cultural heritage and sustainable by recognizing historical and cultural assets and understanding the importance of these values. (Knowledge and Ability)	X		X	X	X
	PO20	The necessary knowledge and ability about contemporary restoration theories and preparation of restoration project by using research, documentation and different measurement methods in the process of documenting the current state of historic buildings and environments. (Knowledge and Ability)					
Discipline Specific Outcomes (program)	**PO21**	Produces sustainable solutions to current problems by following the developments and technologies in the field of production. (Ability)					
	PO22	Knows to develop designs about environmental and social sustainability principles, the issues related to disasters and accessible designs that meet community needs. (Knowledge and Ability)					
	PO23	Gains the ability to use modern technologies in building and environmental design, to develop and produce innovative solutions; learns necessary information about building materials, techniques and structural behaviors, the laws, regulations and standards and includes them in the design process. (Knowledge and Ability)	X				
	PO24	To gain the basic knowledge of lighting, acoustics, air conditioning and energy use in the design of environmental systems. (Knowledge)	X				
	PO25	Knows the historical development of structural systems, types of structural elements such as foundation, wall, flooring, stairs, roof, design, and construction techniques of these elements and applies this information in the projects. (Knowledge and Ability)					
	PO26	Has competence in project management, organization, planning, and leadership for the realization of professional practice and informs individuals and institutions on issues related to a field and shares one's suggestions for solutions to the experts or non-experts in verbally and written form. To produce collaborations and projects with the awareness of social responsibility (Competence to take responsibility and social and Ability)	X		X		
	PO27	Aware of lifelong learning and identifying the necessary needs for professional development and self-development. (Learning Competence)	X		X		
	PO28	Has an awareness of professional and ethical behavior; collects data considering social, environmental, and ethical results. One is responsible for the environment, the professional problems and provides professional services like occupational health and safety within the legal frameworks. (Field Specific Competence)					

PART III (Department Board Approval)							
	Subject	**Week**	**Subject Explanation**	**LO1**	**LO2**	**LO3**	**LO4**	**LO5**

Course Subjects, Contribution of Course Subjects to Learning Outcomes, and Methods for Assessing Learning of Course Subjects	**S1**	1	Explaining the scope and the method of the course, and introducing the project topic	X	X	X	X	X
	S2	2	Conducting research and field analysis of the given design problem	X	X	X	X	X
	S3	3	Conducting research and field analysis of the given design problem	X	X	X	X	X
	S4	4	Conducting research and field analysis of the given design problem	X	X	X	X	X
	S5	5	Conducting research and field analysis of the given design problem	X	X	X	X	X
	S6	6	Project proposal, concept, scenario, sketch, schematic master plan review	X	X	X	X	X
	S7	7	Project proposal, concept, scenario, sketch, schematic master plan review	X	X	X	X	X
	S8	8	Midterm					
	S9	9	Individual critics to develop the design project	X	X	X	X	X
	S10	10	Individual critics to develop the design project	X	X	X	X	X
	S11	11	Individual critics to develop the design project	X	X	X	X	X
	S12	12	Individual critics to develop the design project	X	X	X	X	X
	S13	13	Individual critics to develop the design project	X	X	X	X	X
	S14	14	Individual critics to develop the design project	X	X	X	X	X

	No	**Type**	**Weight**	**Implementation Rule**	**Make-Up Rule**
Assessment Methods, Weight in Course Grade, Implementation and Make-Up Rules	**A1**	**Exam**	70%	There will be one midterm (30%) and one final jury for the projects developed during the semester. (40%).	A make-up exam will be provided if the student provides an acceptable legitimate document, according to the school regulation
	A2	**Quiz**			
	A3	**Homework**			
	A4	**Project**			
	A5	**Report**			
	A6	**Presentation**			
	A7	**Project Development**	30%	Participation, presentations, development of the project according to critics, assignments.	
	A8	**Class/Lab./ Field Work**			
	A9	**Others**			
	TOTAL				

Evidence of Achievement of Learning Outcomes	Students will demonstrate learning outcomes through class activities, debates and project assignments. These activities reflect a transdisciplinary approach, asking the student to make connections between different topics. Generally every topic is tested with at least one exam question.

Upon successful completion of all assessment methods, the total scores will be averaged and converted into a final letter grade using the following percentages and grading criteria.

ASSESSMENT METHOD	**EFFECT ON GRADING**	**GRADE**	**MARKS**	**VALUE**	**GRADE**	**MARKS**	**VALUE**
Project Development	30%	A+	100	4,00	C+	60-64	2,40
Midterm exam	30%	A	95-100	4,00	C	55-59	2,20
Final exam	40%	A-	85-94	3,70	C-	50-54	2,00
		B+	80-84	3,30	D+	45-49	1,70
		B	75-79	3,00	D	40-44	1,50
		B-	65-74	2,70	F	0-39	0,00

Method for Determining Letter Grade

	No	**Method**	**Explanation**	**Hours**
Teaching Methods, Estimated Student Load	**Time applied by Instructor**			
	1	**Lecture**		
	2	**Interactive Lecture**	**Lectures and discussion on the subjects through students' projects**	4 hours (13weeks)=52 hrs
	3	**Recitation**		
	4	**Laboratory**		
	5	**Practical**	**Supervised practice that allows the student to apply the knowledge he / she has obtained.**	4 hours (13 weeks)=52 hrs
	6	**Field Work**		
	Time expected to be allocated by student			
	7	**Project/Studio**	**Project Development -** self study for submissions	130 hours
	8	**Homework**	**Assignments**	6 hours

	9	Pre-class Learning of Course Material		
	10	Review of Course Material	Preparing for presentation of the juries	10 hours
	11	Studio		
	12	Office Hour		
	TOTAL			250 hours

IV. PART

Instructor	Name	
	E-mail	
	Phone Number	
	Office Number	.
	Office Hours	6 hours (according to school semester)
Course Materials	Mandatory	TMMOB Mimarlar Odası Ankara Şubesi (2011). Dosya 27: Mimarlık ve Gündelik Yaşam. Alexander, C. (1977). A Pattern Language: Towns, Buildings, Construction. Oxford university press. Urry, J. (2002). Consuming places. Routledge. Hertzberger, H. (1991). Lessons for Students in Architecture. 010 Publishers, Rotterdam 2005. Lefebvre, H. (1991). The Production of Space, translated by D. N. Smith, Blackwell Publishers, Oxford, England. Norberg-Schulz, C. (1979). Genius Loci: Towards Phenomenology of Architecture. New York: Rizzoli International Pallasmaa, J. (2012). The Eyes of the Skin: Architecture and the Senses. John Wiley & Sons. Zumthor, P. (2006). Atmospheres: Architectural Environments - Surrounding Objects, Birkhäuser GmbH; 5th Edition Tuan, Y. Space and Place: The Perspective of Experience. Minneapolis: The University of Minnesota Press, 1977. Zevi, B. (1974). Architecture as Space: How to Look at Architecture.
	Recommended	Alexander, C. (1966). A City is not a Tree. Sustasis Press. Bahamon, A. (2005). Sketch, Plan, Build: World Class Architects Show How It's Done. First Edition, Harper Design. Lynch, K. (2014). The Image of the City, Türkiye İş Bankası Kültür Yayınları. Unwin, S. (2003). Analysing architecture (2nd ed). New York: Routledge. Government Office for Science. (2014). Future of Cities: A Visual History of the Future. https://www.gov.uk/government/uploads/system/uploads/attachment_data/file/360814/14-814-future-cities-visual-history.pdf Allen, E., (2016) Architectural Detailing: Function, Constructability, Aesthetics, Wiley; 3. edition, ISBN 978-1118881996. Macdonald, A.J. (2001) Structure and Architecture, Second Edition, Architectural Press. Detail Magazines – The International Platform for Architecture and Construction https://www.detail.de/de_en/ Farrelly, L. (2008). Representational Techniques. AVA Publishing SA, UK. Lewis, P., Tsurumaki, M., Lewis, D.J., (2016), Manual of Section, Princeton Architectural Press, ISBN 978-1616892555. More, T. (2014). Ütopia. (Çev: S. Eyüboğlu, V. Günyol, M. Urgan). İstanbul: Türkiye İş Bankası Kültür Yayınları. Alison, J., Brayer, M-A., Migayrou, F., ve Spiller, N. (2007). Future City, Experiment and Utopia in Architecture, Londra: Thames&Hudson. Bacon, F. (2008). New Atlantis. 1627. Three Early Modern Utopias: Utopia, New Atlantis, The Isle of Pines, 152-155. Coleman, N. (2005). Utopias and Architecture. NewYork: Routhledge. Coleman, N. (2011). Imagining and Making the World, Reconsidering Architecture and Utopia. Ralahine Utopian Studies: Cilt 8. New York: Peter Lang. Conrads, U., ve Sperlich, H. G. (1962). The Architecture of Fantasy, Utopian Building and Planning in Modern Times, New York: Frederick A. Praeger. Eaton, R. (2002). Ideal Cities, Utopianism and the (Un)Built Environment. United States of America: Thames&Hudson. Jameson, F. (2009). Ütopya Denen Arzu. (Çev: F. B. Aydar). İstanbul: Metis Yayınları.
Other	Scholastic Honesty	Violations of scholastic honesty include, but are not limited to cheating, plagiarizing, fabricating information or citations, facilitating acts of dishonesty by others, having unauthorized possession of examinations, submitting work of another person or work previously used without informing the instructor, or tampering with the academic work of other students. Any for of scholastic dishonesty is a serious academic violation and will result in a disciplinary action.
	Students with Disabilities	Reasonable accommodations will be made for students with verifiable disabilities.
	Safety Issues	
	Flexibility	Circumstances may arise during the course that prevents the instructor from fulfilling each and every component of this syllabus; therefore, the syllabus is subject to change. Students will be notified prior to any changes.