

ECTS Course Description Form

PART I (Senate Approval)

Offering School	Antalya Bilim University-School of Fine Arts and Architecture			
Offering Department	Interior Architecture and Environmental Design			
Program(s) Offered to	Interior Architecture and Environmental Design			
Course Code	IAED 1102			
Course Name	Technical Drawing II			
Language of Instruction	English			
Type of Course	Theory and Practical			
Level of Course	Undergraduate			
Hours per Week	Lecture: 2	Laboratory:	Recitation:	Practical: 2 Studio: BB-34
ECTS Credit	4			
Grading Mode	Letter Grade			
Pre-requisites	IAED 1101 Technical Drawing I			
Co-requisites	None			
Registration Restriction	Students did not take IAED 1101 and success can not take this course.			
Educational Objective	The aim of this course is to express the aimed design ideas in two dimensional plane, to acquire advanced drawing and expression techniques, to prepare technical drawings and reading skills, to measure technical drawings, to use the signs and symbols, to acquire the ability to draw discipline specific structural and contextual elements.			
Course Description	The aim of the course is to introduce scale, hatch and technical expressions by teaching plan, section and elevation drawings.			
Learning Outcomes	LO1	Students will be able to express the ideas developed during the design process and their justifications using various technical drawing expressions.		
	LO2	Students understand vertical and horizontal transportation and circulation systems related to stairs.		
	LO3	Students will be able to gain the ability to work in groups.		

PART II (Faculty Board Approval)

		Program Outcomes	LO1	LO2	LO3
Basic Outcomes (University-wide)	PO1	Ability to communicate effectively and write and present a report in Turkish and English.			
	PO2	Ability to work individually, and in intra-disciplinary and multi-disciplinary teams.			
	PO3	Recognition of the need for life-long learning and ability to access information, follow developments in science and technology, and continually reinvent oneself.			
	PO4	Knowledge of project management, risk management, innovation and change management, entrepreneurship, and sustainable development.			
	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).			
	PO8	Produce innovative ideas and products with creativity (Creativeness).			
	PO9	Gain the ability of leadership, entrepreneurship and self-leadership skills (Leadership and Entrepreneurship).			
	PO10	Care about the ethical values and principles; behave in accordance with these in professional and social life (Ethical			

Outcomes						
	PO11	Understand, define and reach the information that they need; use information effectively and share it with others (Information Literacy).				
	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).				
Discipline Specific Outcomes (program)	PO13	Global Context: To have a global perspective and consider social, cultural, economic, and ecological contexts in all areas of work.				
	PO14	Collaboration: To have the ability to collaborate with disciplines that the field interacts with.				
	PO15	Business Practice and Professionalism: To understand the principles, processes, and responsibilities that define the value of the profession to society.				
	PO16	Human-Centered Design: To integrate physical, social, and cultural dimensions of the built environment, considering human experience and behavior in the design process through analysis.				
	PO17	Design Process: To creatively solve a design problem using all aspects of the design process.				
	PO18	Communication: To have the ability to express and present ideas and thoughts effectively through verbal, written, and visual means, including in English, throughout the design and				
	PO19	History: To have knowledge of the history of the profession and make design decisions sensitive to cultural heritage and historical/natural environments.				
	PO20	Design Elements and Principles: To be proficient in adopting design elements and principles in design approaches.				
	PO21	Light and Color: To apply principles and theories related to light and color in terms of environmental impact and human comfort effectively.				
	PO22	Products and Materials: To have knowledge of production, assembly, and maintenance requirements of interior fixtures, materials, and accessories, and to gain the ability to make selections and applications based on aesthetic, ergonomic, safety, and cost criteria.				
	PO23	Environmental Systems and Human Comfort: To apply principles related to environmental impact and human comfort, including acoustics, thermal comfort, indoor air quality, plumbing systems, and waste management.				
	PO24	Construction/Building/Structure: To understand the relationship between interior construction and its connection to basic building construction and systems.				
	PO25	Regulations and Guidelines: To be proficient in applying laws, regulations, and standards related to professional practice, including sustainability, fire safety, construction, materials, accessibility, intellectual and industrial property rights, and incorporating them into the design process.				
PART III (Department Board Approval)						
	Subject	Week	Subject Explanation	LO1	LO2	LO3
	S1	1	-Site Plan and Exterior Elevation (1/100) -The concept of plan and section (1/100) •Modeling as a group •Drawing			

**Course Subjects,
Contribution of Course
Subjects to Learning
Outcomes, and Methods
for Assessing Learning
of Course Subjects**

S2	2	- General Plan (1/50) • Designing as a group • Modeling as a group • Peer critique session		
S3	3	- General Plan (1/50) • Drawing a plan • Drawing a flooring plan • Peer critique session (for the previous week)		
S4	4	- General Section (1/50) • Making a model of the horizontal section drawing • Drawing a horizontal section • Peer critique session		
S5	5	- General Section (1/50) • Making a model of a vertical section drawing • Drawing a vertical general section • Peer critique session		
S6	6	- General Ceiling Plan (1/50) • Drawing ceiling plan • Peer critique session		
S7	7	Bonus Week (Midterm Preparation)		
S8	8	MIDTERM SUBMISSION		
S9	9	- Living room (1/20) • Drawing the plan • Drawing one section • Peer critique session		
S10	10	- Bathroom (1/20) • Drawing the plan • Drawing one section • Peer critique session		
S11	11	- Bathroom (1/20) • Drawing the ceiling plan • Drawing 2 interior elevations • Peer critique session		
S12	12	- Kitchen (1/20) • Drawing the plan • Drawing one section • Peer critique session		
S13	13	- Staircase (1/20) • Designing as a group • Modeling as a group • Drawing plan • Peer critique session		
S14	14	- Staircase (1/20) • Designing as a group • Modeling as a group • Drawing plan • Peer critique session		
S15	15	Bonus Week (Final Preparations)		

**Assessment Methods,
Weight in Course
Grade, Implementation
and Make-Up Rules**

No	Type	Weight	Implementation Rule
A1	Bringing Drawing and Model Making Materials to the Course	5%	Students will be evaluated in class.
A2	In-class Participation	25%	Students will be evaluated in class.
A3	Midterm Submission	30%	Students will be responsible for assignments that have been taught until the 8th week.

	A4	Final Submission	40%	Students will be responsible for assignments that have been taught until the 14th week.
	TOTAL		100%	
Evidence of Achievement of Learning Outcomes	Students will demonstrate learning outcomes through weekly homework, in-class assignments, Midterm exams and Final exam.			
Method for Determining Letter Grade	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
	Bringing Materials to the Course	5%		A+
	In-class Participation	25%		A
	Midterm Submission	30%		A-
	Final Submission	40%		B+
				B
			B-	
				65-74
Teaching Method, Students Work Load	No	Method	Explanation	
	Time expected to be allocated by student			
	1	Course Teaching Hours		
	2	Studio Drawings		
	3	Weekly Homework		
	4	Midterm Submission Preparation		
	5	Final Submission Preparation		
TOTAL			104 hours	
IV. PART				
Instructor	Name Surname	Asst. Prof. Dr. Yaren Şekerci		
	E-mail	yaren.sekerici@antalya.edu.tr		
	Phone Number			
	Office Number			
	Office Hours	4 hours (according to school semestre)		
Course Materials	Mandatory	Engineering Design Graphics, J.H. Earle, Addison-Wesley Publ., 1994.Francis D.K. Ching, Mimarlık ve Sanatta Yaratıcı bir Süreç: Çizim; çev. Çelen Birkan, YEM, 2003		
	Recommended	1. Francis D.K. Ching, Architectural Graphics, Architectural Press, 1984 2. Francis D.K. Ching, Architecture, Form, Space & Order, 1979 3. David A. Davis, Theodore D. Walker, Plan Graphics, Wiley, 2000 4. Orhan Şahinler, Fehmi Kızıl, Mimarlık'ta Teknik Resim, YEM, 2004 5. John Berger, Görme Biçimleri, Metis Yayınları, 1995 6. Engineering Design Graphics, J.H. Earle, Addison-Wesley Publ.,1994. 7. Engineering Graphics, F.E.Giesecke, et.al., MacMillan Publ, 2004. 8. Technical Graphics Communication, G.R.Bertoline, et.al., McGraw-Hill, 2003.		
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	Security is provided by the occupational health and safety specialist of the Antalya Bilim University Rectorate.		
	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		
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