



YAŞAR UNIVERSITY
FACULTY OF ART AND DESIGN DEPARTMENT OF INDUSTRIAL DESIGN
COURSE SYLLABUS

Course Title	Course Code	Semester	Course Hour/Week		Yaşar Credit	ECTS
			Theory	Practice		
DESIGN THINKING	ID0450	SPRING-FALL	2	2	3	5
Course Type <input type="checkbox"/> Compulsory <input checked="" type="checkbox"/> Elective						

Language of Instruction	ENGLISH
Level of Course	<input type="checkbox"/> Associate Degree (Short Cycle) <input checked="" type="checkbox"/> Undergraduate (First Cycle) <input type="checkbox"/> Graduate (Second Cycle) <input type="checkbox"/> Doctoral Course (Third Cycle)
Special Pre-Conditions of the Course	3rd and 4th year student can take the course, can be given Spring and Fall Semester, appropriate for all departments-

Course Coordinator	Dr.Öğr.Gör. TOLGA BENLİ	Mail: tolga.benli@yasar.edu.tr Web:
Course Instructor(s)	CAN GÜVENİR Part -Time Lecturer	Mail: can@canguvenir.com Web: www.canguvenir.com
Course Assistant(s)/Tutor (s)	---	Mail: ---- Web:----
Aim(s) of the Course	The aim of this course is to experience the design based thinking methods and develop entrepreneurship skills by design, experience design process and be a part of a multi disciplinary working area, learn to collaborate, criticise and productive communication.	
Learning Outcomes of the Course	Within this course, students will - Gain the experience of being a part of a multi discipliner working skills and creative problem solving methods by design thinking and design process - Inform about design and innovation based entrepreneurship business canvas - Experience the design process by the design thinking methods - Implementation of creative thinking, creative problem solving, prototyping, testing process	
Course Content	This course includes the methods of design thinking and experience the iterative process of mindset as Understand, Empathy /Observe, Define, Ideate, Prototyping, Testing and implementing. Also, course question the future possibilities of working in multi disciplinary study by design actions.	

COURSE OUTLINE/SCHEDULE (Weekly)			
Week	Topics	Preliminary Preparation	Methodology and Implementation (theory,practice, assignment etc)
1	Introduction / WarmUp Project - Insight	No preparation	P01 : WarmUp Project/ Teaming/ Insight T01 : Theoretical Information / Insight
2	Ideation / Prototype	Submission : Insight	P01 : Ideate / Prototype T02 : Ideation
3	Implement / Presentation	Submission : Ideate	P01 : Presentation T03 : Implementing
4	Reflection on Project	Submission : Project Report	P02 : Teaming T04 : Team Interaction
5	Partner Project Start Design in the real world	Teaming	P02 : Project Brief / Understand T05 : Understand
6	Design Research Method : Desk Research	Submission : Desk Research	P02 : Stakeholders T06 : Partner Relations
7	Kick Off Meeting	Desk Research Revisions	P02 : Partner Meeting T07 : Project Management
8	Design Research Method : Field Research	Submission : Kick Off Report	P02 : Interviewing T08 : Interview / Immersion
9	Field Research Implementation	Interview Rehearsal	P02 : Field Research T09 : Observation
10	Synthesis	Submission : Field Research	P02 : Point of View / Problem Definition T10 : Synthesis
11	Ideation	Submission : Synthesis	P02 : Ideation T11 : Creative Problem Solving
12	Prototyping	Submission : Ideation	P02 : Prototyping/ Testing T12 : Prototyping
13	Testing	Submission : Prototyping	P02 : Prototyping/ Testing T13 : Testing
14	Iteration	Submission : Testing Report	P02 : Refine Prototyping / Pitching T14 : Iteration
15	Final	Final Report and Project Submission	P02 : Final Presentation

Required Course Material (s) /Reading(s)/Text Book (s)	1. Arthur VanGundy. 101 Activities for Teaching Creativity and Problem Solving
Recommended Course Material (s)/Reading(s)/Other	1. Cross, Nigel. Design Thinking 2. Brown, Tim. Change by Design 3. Kelley, David. Creative Confidence

ASSESSMENT		
Semester Activities/ Studies	NUMBER	WEIGHT in %
Mid- Term	-	-
Participation	15	required
Quiz	-	-
Assignment (s)	10	70
Project/ Final Project/ Dissertation and Preparation	2	30
Laboratory / Practice (Virtual Court, Studio Studies etc.)	-	-
Field Studies (Technical Visits)	1	required
Presentation/ Seminar	-	-
Final Examination/	-	-
Other (Placement/Internship etc.)	-	-
TOTAL	28	100
Contribution of Semester Activities/Studies to the Final Grade		70
Contribution of Final Examination/Final Project/ Dissertation to the Final Grade		30
TOTAL		100

CONTRIBUTION OF LEARNING OUTCOMES TO PROGRAMME OUTCOMES						
No	Programme Outcomes	Level of Contribution (1- lowest/ 5- highest)				
		1	2	3	4	5
1	To identify, formulate, and solve the industrial design problems					x
2	To be able to design and conduct design experiments as well as analyze and interpret data				x	
3	To design the desired performance measures for an existing system or a process				x	
4	To design (or redesign) a system, a component, or a process to meet the desired needs					x
5	To use the techniques, skills, and modern engineering tools necessary for design practice					x
6	To apply the knowledge of art, science, and engineering			x		
7	To identify and assess the impact of design solutions in a global and societal context			x		
8	To recognize the the importance and employ the requirements of life-long-learning while keeping the knowledge as valid and updated by following the recent developments				x	
9	To demonstrate the professional and ethical responsibility in professional life					x
10	To conduct an effective communication and work effectively in a team					x
11	To demonstrate the necessary skillset to use foreign language in developing communication with foreign counterparts					x
12	To apply skills of using information technology and computer programs to improve in the field of design				x	

ECTS (STUDENT WORKLOAD)				
ACTIVITIES	NUMBER	UNIT	HOUR	TOTAL WORKLOAD
Course Teaching Hour (14 weeks* total course hours)	14	week	4	56
Preliminary Preparation and finalizing of course notes, further self- study	14	week	1	14
Assignment (s)	10	number	1	10
Presentation/ Seminars				
Quiz and Preparation for the Quiz	-		-	-
Mid- Term(s)	-		-	
Project (s)	2	number	20	40
Field Studies (Technical Visits, Investigate Visit etc.)	1	Week	5	5
Practice (Laboratory, Virtual Court, Studio Studies etc.)				
Final Project/ Dissertation and Preparation				
Final Examination				
Other (Placement/Internship etc.)				
Total Workload				125
Total Workload/ 25				5
ECTS				5

ETHICAL RULES WITH REGARD TO THE COURSE (IF AVAILABLE)
<ul style="list-style-type: none"> Students are required to make their projects on their own. Projects must be handed in on the predetermined due date. The grade will be dropped 10% for the projects submitted in one week. Projects those are late more than one week will not be accepted. 80% attendance is required. It is students' responsibility to get the information about the project and homework given in the missing class, and to fulfill the requirements for the next week.

STUDENT WITH DISABILITIES OR SPECIAL NEEDS
Students with disabilities or special needs are encouraged to contact the instructor and the Unit for Student with Disabilities (http://eob.yasar.edu.tr/) for academic adaptations.

ASSESSMENT and EVALUATION METHODS:	
Final Grades will be determined according to the Yaşar University Associate Degree, Bachelor Degree and Graduate Degree Education and Examination Regulation.	
PREPARED BY/DATE	CAN GÜVENİR / 29.11.2019
UPDATED BY/DATE	CAN GÜVENİR / 29.11.2019
APPROVED BY/DATE	