COURSE INFORMATON					
Course Title	*Code*	*Semester*	*L+P+L Hour*	*Credits*	*ECTS*
Sustainable Approaches in Furniture Design	SIS 506	-	3 + 0 + 0	3	7

Prerequisites	-

Language of Instruction	English
Course Level	MSc
Course Type	Mandatory
Course Coordinator	Assist.Prof.Dr.Aslan NAYEB
Instructors	Assist.Prof.Dr.Aslan NAYEB
Assistants	-
Goals	Today, it is necessary to attach importance to sustainable environmental policies in order to protect depleted resources, find ways to reduce greenhouse gas emissions, and purify the interior from toxic chemicals. Within the scope of this course, students will be aware of the approaches developed on furniture, which is the most important of the interior components, by researching sustainable environmental policies. Sustainable approaches, together with ecological designs, are an approach that is sensitive to the environment and respectful to natural resources. For this reason, it is very important to examine the furniture design process, which has an important industrial product range, in this sense.
Content	The concept of sustainability in architecture and interior architecture, Sustainability in the built environment, Sustainable interior and furniture design, Natural and environmental materials Evaluation criteria in the concept of interior sustainability Energy, pollution, material.

Learning Outcomes	**Programme Learning Outcomes**	**Teaching Methods**	**Assessment Methods**
Information that can be considered in interior and furniture design.	1, 2, 4	1,2,3	A
Will be able to explain interior design from the perspective of sustainable and ecological environments.			
To create a basic information design about sustainability in the interior.	1, 7, 10	1,2,3	A
To gain the ability to use sustainable design strategies as data in interior design.	1, 2, 3	1,2,3	A, C

They will be able to comprehend the interdisciplinary interaction related to the field of Interior Architecture and Environmental Design.	1, 2, 7	1,2,3	A, C
Will be able to explain the general texts of sustainable and environmental designs from nature.	2, 3, 7	1,2,3	A

Teaching Methods:	1: Lecture, 2: Question-Answer, 3: Discussion 12: Case Study
Assessment Methods:	A: Testing B: Presentation C: Homework

COURSE CONTENT

Week	Topics	Study Materials
1	Sustainability and reasons for sustainable development	
2	Sustainability concepts in the world and in Turkey	
3	Sustainable approaches in furniture design	
4	Sustainable materials in furniture design	
5	The relationship between occupancy and space in interior organization	
6	Student Presentations	
7	Midterm	
8	Student Presentations	
9	Sustainable furniture design project work	
10	Sustainable furniture design project work	
11	Sustainable furniture design project work	
12	Sustainable furniture design project work	
13	Project production details and technical drawings	
14	Project presentations	
15	Make up week	

RECOMMENDED SOURCES

Textbook	Ayşin, S., (2009), Sürdürülebilir Mimarlık, YEM Yayınları, İstanbul.
Additional Resources	1. Lecture notes 2.Bauer, M., Mösle, P., & Schwarz, M. (2009). Green building: guidebook for sustainable architecture. Springer Science & Business Media 3. Williamson, T., Radford, A., & Bennetts, H. (2003). Understanding sustainable architecture. Taylor & Francis

MATERIAL SHARING

Documents	Online share

Assignments	-
Exams	Project assignment, presentation

ASSESSMENT		
IN-TERM STUDIES	**NUMBER**	**PERCENTAGE**
Mid-Term	1	30
Class Performance	1	20
Final Exam	1	50
Total		**100**
CONTRIBUTION OF FINAL EXAMINATION TO OVERALL GRADE		50
CONTRIBUTION OF IN-TERM STUDIES TO OVERALL GRADE		50
Total		**100**

COURSE CATEGORY	Expertise/Field Courses

COURSE'S CONTRIBUTION TO PROGRAMME

No	Program Learning Outcomes	Contribution				
		1	2	3	4	5
1	Ability to have knowledge about sustainable design principles and application methods.					**X**
2	Ability to have knowledge of the history and scope of sustainable design.			**X**		
3	Ability to explain the general principles of ecological design approaches on an architectural scale.					**X**
4	Ability to recognize environmental technologies and use them within the scope of architectural design.					**X**
5	Ability to critically evaluate the academic and professional studies on sustainable design.					
6	Ability to explain the social extent of sustainability and to research, analyze and critically evaluate the sustainability of cultural heritage.					
7	The ability to individually maintain a study on sustainability.				**X**	
8	The ability to convey an individual and/or group study about sustainability in written, verbal and visual forms.					
9	The ability to search for information, use databases and other resources, and conduct an original scientific study.					
10	The ability to respect social and cultural rights, be sensitive to the conservation of the natural environment and cultural heritage, and the ability to decide and act with a sense of justice.					**X**

ECTS ALLOCATED BASED ON STUDENT WORKLOAD BY THE COURSE DESCRIPTION

Activities	Quantity	Duration (Hour)	Total Workload (Hour)

Course Duration (Including the exam week: 14x Total course hours/week)	14	3	42
Hours for off-the-classroom study (Pre-study, practice, review/week)	14	5	70
Homework	10	1.5	15
Presentations	1	10	10
Final project	1	40	40
Total Work Load			177
Total Work Load / 25 (h)			7.08
ECTS Credit of the Course			7