



COURSE INFORMATION FORM

SEMESTER	SPRING
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COURSE CODE	141314023	COURSE NAME	SUSTAINABLE DESIGN
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SEMESTER	WEEKLY COURSE HOURS			COURSE			
	THEORY	APPLICATION	LAB.	CREDIT	ECTS	TYPE	LANGUAGE
4	2	0		2	2	Elective	Turkish

CATEGORY OF COURSE (ECTS Credit Distribution)				
Basic Education	Art	Design	Visual Communication	Social Science
1				1

EVALUATION CRITERIA			
ASSESSMENT		EXAM TYPE	PERCENTAGE OF EXAM
EXAMS IN SEMESTER	Midterm Exam 1	Written Examination	40
FINAL EXAM		Written Examination	60
EXCUSE EXAMINATION			
RESIT EXAMINATION			

RECOMMENDED PREREQUISITES OF COURSE	None
COURSE CONTENT	Conceptual problems: Diminishing returns, Unsustainable Investment, Waste prevention strategies; Sustainable design principles: Low-impact materials, Energy efficiency, Emotionally durable design, Design for reuse and recycling, Design impact measures for total carbon footprint, Sustainable design standards, Biomimicry, Service substitution, Renewability, Robust eco-design; Bill of Rights for the Planet
COURSE OBJECTIVES	To raise awareness for global issues and produce design solutions with social responsibility and concern for a sustainable life and environment.
CONTRIBUTION TO VOCATIONAL EDUCATION	1. Awareness for the protection of nature and the environment as well as eco-design 2. Ability to prepare social responsibility projects in order to raise design awareness
LEARNING OUTCOMES	1. To increase student awareness of social responsibility towards environment. 2. To get the habit of using environmentally friendly materials for a sustainable future. 3. To create ecological design solutions for a greener future. 4. To develop student's awareness of ecosystem protection.
TEXTBOOK	Tracy Bhamra, Vicky Lofthouse, 2007, Design for Sustainability, Gower Publishing, Ltd.,
REFERENCES	1. Helen Lewis, John Gertsakis,( 2001) Design + Environment: 2. A Global Guide to Designing Greener Goods, Greanleaf 3. Steven Aldridge, Laurel Miller, Why Shrinkwrap a Cucumber. The Complete Guide to Environmental Packaging
MATERIALS	



WEEKLY COURSE PLAN	
WEEK	SUBJECTS
1	Introduction to global issues and the course
2	Conceptual problems: Diminishing returns
3	Unsustainable Investment
4	Waste prevention strategies
5	Sustainable design principles: Low-impact materials
6	Energy efficiency
7	Emotionally durable design
8	MIDTERM EXAM
9	Design for reuse and recycling
10	Design impact measures for total carbon footprint
11	Sustainable design standards
12	Biomimicry, Service substitution
13	Renewability, Robust eco-design
14	Bill of Rights for the Planet
15-16	FINAL EXAM

NO	COURSE CONTRIBUTION TO THE PROGRAM OUTCOMES	CONTRIBUTION LEVEL		
		1 low	2 med	3 high
1	Ability to establish and conceive the basic concepts, principles and the history of communication and visual communication design and relate to other disciplines.		x	
2	Understanding of the design culture, ethics, and the rights and responsibilities of designers.		x	
3	Understanding of the diversity, aesthetic sensitivity and the visual language of art and design and to reflect it into design.	x		
4	Ability to analyze with interrogation and critical thinking and to reflect it into design, and to find appropriate solutions to design problems.		x	
5	Ability to recognize the design techniques and technology and to identify their differences, applications and methods.	x		
6	Ability to understand and practice the design process, its steps, and production techniques.	x		
7	Ability to refresh knowledge on design process and design information in accordance with the modern requirements and technological developments.		x	
8	Ability to utilize various artistic and industrial production techniques.	x		
9	Appreciation of the national and universal values and ability to expand design concepts from national level to universal level.		x	
10	Awareness for the protection of nature and the environment as well as eco-design,			x
11	Ability to prepare social responsibility projects in order to raise design awareness.			x

LECTURER	SIGNATURE	DATE