

Course Title	GREEN DESIGN				
Course Code	EGDS				
Course Type	Elective				
Level	Undergraduate				
Year / Semester	5th, 6th, 7th or 8th semester				
Teacher's Name	Maria Skouloudi				
ECTS	6	Lectures/ week	3	Laboratories /week	
Course Purpose and Objectives	The course aims to promote all the aspects of design that consciously strive to make the end product as sustainable and as ecologically friendly as possible and educate students to design in an eco way, guaranteeing sustainable development .				
Learning Outcomes	The student will be able to: - Recognize the principles of green design (making full use of resources, energy conservation, zero pollution, advanced technology, best ecological and economic benefit) and implement them to the design process.				
Prerequisites	-	Required		-	

Course Content	Definition of green design, Analysis of the principles of green design and presentation of innovative green design methods.
Teaching Methodology	The course is taught through lectures, readings and student presentations which focus on the critical review of the theoretical and practical issues related to green design. Students at the end of the course are expected to present a product which is designed in a “green” way.
Bibliography	Hu ai-wu,Fu zhi-hong. 2003. Green Design for Products. Journal of Zhuzhou Institute of Technology 17(5) Ai fei. 2012 Based on the principles of green design product. Wuhan:Wuhan University of Technology Nidumolu R., Prahalad C.K.,Rangaswani M.R., 2009. Why sustainability is now the key driver of innovation. Harvard Business Review (87) (9), 56-64 Penty J.,2019. Product Design and sustainability: strategies, tools and practice. Routledge
Assessment	Coursework 50 % Final Project 50 %
Language	English