

TECHNICAL UNIVERSITY OF CRETE SCHOOL OF ENVIRONMENTAL ENGINEERING

Code: ENVE 537	Course: Indoor Air Quality	
Mandatory:	Elective: Specialization: X	
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Semester F X S Teaching Units 3 ECTS 5		
Semester F A 3	reaching office 5 EC13 5	
Teaching Hours per week:	T 2 E 1 L	
Instructors: M. Lazaridis		
Textbooks (Eudoxus):	Λαζαρίδης Μιχάλης: Ποιότητα αέρα σε εσωτερικούς χώρους, 1^{9} έκδοση 200	18.
reactions (zudeatus).	Εκδόσεις Α. Τζιολα & Υιοι Ο.Ε.	,
	EKOOOCIÇ A. TŞIONU & TIOI O.E.	
Other recommended books:	, , , , , , , , , , , , , , , , , , , ,	
	εσωτερικού περιβάλλοντος στα κτίρια 1 ^η έκδοση 2007, ΣΕΛΚΑ - 4M	
	ENE	
Notes:		
Labs: # of lab exerci	ises: 1 Individual Reports X Team Reports	
Labs. # Of lab exerci	ises. I mulvidual neports A realii neports	
	Lab final written exam % of Final Lab Grade	
Project	1 Individual Reports Team Reports X	
Final Grade: Fi	inal Exam 75 %	
Tillar Grade.	73 70	
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Pi	roject 25 %	
La	abs 5 %	
О	Other () %	

Course Syllabus:

Introduction to indoor air quality. Gaseous and aerosol air pollutants in indoor air. Radon, cigarette smoke, carbon dioxide, PAHs, bioaerosols, heavy metals, asbestos, lead, formaldehyde, pesticides, sources of indoor pollutants, materials, odors. Human exposure, climatic parameters, infiltration. Microenvironmental models, measurements of indoor air pollutants. Indoor air quality in residential houses, in industry and museums. Protection of human health from indoor air pollutants, health impacts.