



**TECHNICAL UNIVERSITY OF CRETE
SCHOOL OF ENVIRONMENTAL ENGINEERING**

Code: Course:

Mandatory: Elective: Specialization:

Semester F S Teaching Units ECTS

Teaching Hours per week: T E L

Instructors:

Textbooks (Eudoxus):

Other recommended books:

Notes:

Labs: # of lab exercises: Individual Reports Team Reports

Lab final written exam % of Final Lab Grade

Project Individual Reports Team Reports

Final Grade: Final Exam %

Project %

Labs %

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.