

Course No.	457.210A	Lecture No.	001	Course Title (Subtitle)	Environmental Engineering	Credit	3
Representative Instructor	Name	Yongju Choi (post : Assist. Prof.)		Homepage	http://wqe.snu.ac.kr		
	E-mail	ychoi81@snu.ac.kr		Phone No.	02-880-7376		
	Interview Time/Place : Appointment based						
Attachment	(Korean)						
	(English)						
Prerequisite Course							
*1.Purpose of Course	This class discusses various environmental problems that affect human life and ecological soundness. The class deals with causes, effects, and solutions for local concerns of environmental destruction and pollution as well as global environmental concerns, and seeks for solutions and strategies for sustainable development.						
*2.Materials and Reference	1. Lecture notes 2. Davis, M. L. and Masten, S. J. (2014) Principles of Environmental Engineering and Science, 3rd ed. McGraw-Hill						
*3.Evaluation Method	Attendance	Assignment	Midterm	Final	Attitude	Total	
	10	20	30	30	10	100	
	Remark of Others						
*4.Lecture Plan	W1: Introduction to environmental engineering / Basic chemistry concepts I W2: Basic chemistry concepts II / Basic biology concepts W3: Mass balance and reactor analysis I & II W4: Ecosystems / Risk perception, assessment and management I W5: Risk perception, assessment and management II / Hydrology I W6: Hydrology II / Water quality I W7: Water quality II / Review and discussion W8: Midterm exam / Midterm exam review W9: Water treatment I & II W10: Wastewater treatment I & II W11: Air pollution I & II W12: Air pollution III / Solid waste management W13: Hazardous waste management / Noise pollution W14: Current issues and future perspectives / Review and discussion W15: Final exam / Final exam review						
5.References to Course Registration							
6. Support Services for Students with Disabilities	For Lectures						
	For Assignments & Evaluations						
	Others						

◇ fields with * : required fields

◇ If you don't release the syllabus, you may have some disadvantages.