

Course No.	458.505	Lecture No.	001	Course Title (Subtitle)	Advanced Environmental Engineering	Credit	3	
Representative Instructor	Name	Changha Lee (post : )			Homepage	<a href="http://artlab.re.kr">http://artlab.re.kr</a>		
	E-mail	leechangha@snu.ac.kr			Phone No.	02-880-8630		
	Interview Time/Place :							
Prerequisite Course	None							
* 1.Purpose of Course	This course aims to introduce students the principles and applications of environmental engineering. In particular, this course will cover the transformation of pollutants in aquatic environments as well as advanced technologies for water (or wastewater) treatment.							
* 2.Materials and Reference	Materials will be provided.							
* 3.Evaluation Method	Attendance	Task	Medium	Final	Random Evaluation	Attitude	Presentation	Total
	30	0	30	40	0	0	0	100
	Attendance Policy : Students who are absent for over 1/3 of the class will receive a grade of 'F' or 'U' for the course. (Exceptions can be made when the cause of absence is deemed unavoidable by the course instructor.)							
Remark of Others :								
* 4.Lecture Plan	<p>Week 1: Introduction to Environmental Engineering</p> <p>Week 2: Water Pollution and Water/Wastewater Treatment Engineering</p> <p>Week 3: Transformation Reactions-1</p> <p>Week 4: Transformation Reactions-2</p> <p>Week 5: Traditional Water/Wastewater Treatment Processes-1</p> <p>Week 6: Traditional Water/Wastewater Treatment Processes-2</p> <p>Week 7: Membrane Filtration</p> <p>Week 8: Summary &amp; Midterm Exam</p> <p>Week 9: Advanced Oxidation Processes</p> <p>Week 10: Ozonation</p> <p>Week 11: The Fenton Process</p> <p>Week 12: Photocatalytic Processes</p> <p>Week 13: Electrochemical Processes</p> <p>Week 14: Special Topics</p> <p>Week 15: Summary &amp; Final Exam</p>							
5.References to Course Registration								

6. Support Services for Students with Disabilities  ※ You can modify these default contents.	For Lectures	<input type="radio"/> Visual Impairment: Make textbooks(digital textbook, braille textbook, enlarged textbook etc.), Allow note takers <input type="radio"/> Physical Disability: Make textbooks (digital textbook), Allow note takers and assistants <input type="radio"/> Hearing Impairment: Allow note takers and translators, Allow lecture recording <input type="radio"/> Health Impairment: Excuse absence due to health problems, Allow note takers <input type="radio"/> Learning Disability: Allow note takers <input type="radio"/> Intellectual Disability / Autism Spectrum Disorder: Allow note takers and mentors
	For Assignments & Evaluations	<input type="radio"/> Visual Impairment / Physical Disability / Hearing Impairment / Health Impairment / Learning Disability: Extend assignment deadlines, Offer alternate assignment submission and response method, Extend testing period, Offer alternate testing method, Offer different testing room <input type="radio"/> Intellectual Disability / Autism Spectrum Disorder: Offer individualized assignments and alternative evaluations
	Others	Students who take this course can get appropriate level of support service including the support listed above depending on the students' individual characteristics and needs through consultation with professors and the Support Center for Students with Disabilities. If you have any questions concerning support service for students with disabilities you can contact Professor *** (02-880-****) or Support Center for Students with Disabilities (02-880-8787).

◇ fields with \* : required fields

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