

Course No.	M2794.006400	Lecture No.	001	Course Title (Subtitle)	입자 및 에어로졸 공학	Credit	3	
Representative Instructor	Name	Choi, Mansoo (post :)			Homepage	http://hosting03.snu.ac.kr/~mchoi/		
	E-mail	mchoi@snu.ac.kr			Phone No.	02-880-6669		
	Interview Time/Place :							
Prerequisite Course								
* 1.Purpose of Course	Aerosol Science and Technology deals with the definition of aerosol, size distribution, and electrical, mechanical, and optical properties of aerosol. Students will learn aerosol mechanisms of development, growth, motion, and attachment. This course also covers techniques of aerosol dynamics modeling, principles of measurements, and manufacturing of nano-particles.							
* 2.Materials and Reference								
* 3.Evaluation Method	Attendance	homework	mid exam	Final	Random Evaluation	Attitude	Other	Total
	10%	10%	40%	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>◇ Lecture Plan should be entered in the form of the week plan. (from the 1st week to at least the 15th week)</p> <p>[1 w] Introduction to aerosol science and technology [2 w] Size distribution and particle properties [3 w] Particle motion and diffusion [4 w] Electrical aspects of aerosols [5 w] Diffusional & inertial deposition [6 w] Impactor & filter [7 w] Mid Examination [8 w] Evaporation and Collision of particles [9 w] Gas to particle conversion [10 w] Aerosol dynamics equation [11 w] Moments method and other techniques [12 w] Experimental methods (CNC, DMA, SMPS, etc.) [13 w] Special topics I [14 w] Special topics II [15 w] Final Examination</p>							
5.References to Course Registration								

<p>6. Support Services for Students with Disabilities</p> <p>※ You can modify these default contents.</p>	For Lectures	<ul style="list-style-type: none"> ○ Visual Impairment: Make textbooks(digital textbook, braille textbook, enlarged textbook etc.), Allow note takers ○ Physical Disability: Make textbooks (digital textbook), Allow note takers and assistants ○ Hearing Impairment: Allow note takers and translators, Allow lecture recording ○ Health Impairment: Excuse absence due to health problems, Allow note takers ○ Learning Disability: Allow note takers ○ Intellectual Disability / Autism Spectrum Disorder: Allow note takers and mentors
	For Assignments & Evaluations	<ul style="list-style-type: none"> ○ 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 ○ Intellectual Disability / Autism Spectrum Disorder: Offer individualized assignments and alternative evaluations
	Others	<p>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 Choi, Mansoo (02-880-6669) or Support Center for Students with Disabilities (02-880-8787).</p>

◇ fields with * : required fields

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