

# 2024-Fall Intro.to Environmental Eng. (EVSE510-01) The course syllabus

## 1. Course Information

Course No.	EVSE510	Section	01	Credit	3.00
Category	Major elective	Course Type	Classroom Course	prerequisites	
Postechian Core Competence	<input type="checkbox"/> Interpersonal Relationship <input type="checkbox"/> Global Citizenship <input type="checkbox"/> Knowledge Research <input type="checkbox"/> Digital Literacy <input type="checkbox"/> Self Management <input type="checkbox"/> Creative Convergence				
Hours	MON, WED / 09:30 ~ 10:45 / Environ Bldg[208]Seminar Room   MON, WED / 09:30 ~ 10:45 / Environ Bldg[208]Seminar Room			Grading Scale	G

## 2. Instructor Information

	Name	Cho Kangwoo	Department	Div. of Environmental Science & Eng.
	Email address	kwcho1982@postech.ac.kr	Homepage	
	Office		Office Phone	054-279-2289
	Office Hours			

## 3. Course Objectives

This course consists of four separate subjects on general environmental science and engineering issues, which will be taught by a team of five professors. Each professor is in charge of one subject and gives lectures, exams, and grades students independently. The final grade for each student is obtained by summing the marks recommended by four

professors. Specific textbooks, references, and other related materials will be notified at class times.

#### 4. Prerequisites & require

No

#### 5. Grading

Exams: 50%, Project: 20% Presentation: 20%, Attendance: 10%

#### 6. Course Materials

Title	Author	Publisher	Publication Year/Edition	ISBN
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#### 7. Course References

Lecture notes by Instructors

Environmental Chemistry by S.E.Manahan, Air Pollution Control Equipment by L. Theodore and A.J.Buonicore, Pollution Engineering Practice Handbook by P. Cheremisinoff and R. Young, Wastewater Engineering by G. Tchobanoglous and F.L.Burton, Bioremediation by K.H.Baker and D.S.Herson, Chemistry & Physics of Air Pollution by J.H.Seinfeld

#### 8. Course Plan

Each professor delivers 8 lectures on his subjects. Part I. General Introduction / Water and waste management (Prof. S. Hwang), Part II. Air Pollution / Chemical treatment of pollutants (Prof. K. Cho)

#### 9. Course Operation

## 10. How to Teach & Remark

Prof. Seokhwan Hwang (2282), Prof. Kangwoo Cho (2289)

## 11. Supports for Students with a Disability

- Taking Course: interpreting services (for hearing impairment), Mobility and preferential seating assistances (for developmental disability), Note taking (for all kinds of disabilities) and etc.
- Taking Exam: Extended exam period (for all kinds of disabilities, if needed), Magnified exam papers (for sight disability), and etc.
- Please contact Center for Students with Disabilities (279-2434) for additional assistance