

AIR POLLUTION CONTROL ENGINEERING

1	Course Title:	AIR POLLUTION CONTROL ENGINEERING
2	Course Code:	CEV3032E
3	Type of Course:	Compulsory
4	Level of Course:	First Cycle
5	Year of Study:	3
6	Semester:	6
7	ECTS Credits Allocated:	4.00
8	Theoretical (hour/week):	2.00
9	Practice (hour/week):	1.00
10	Laboratory (hour/week):	0
11	Prerequisites:	None
12	Language:	English
13	Mode of Delivery:	Face to face
14	Course Coordinator:	Prof. Dr. S.SİDDİK CİNDORUK
15	Course Lecturers:	Yok
16	Contact information of the Course Coordinator:	Prof.Dr. S.Sıddık CİNDORUK Bursa Uludağ Üniv. Müh. Fak. Çevre Müh. Böl. Tel: 2942114 E-mail: cindoruk@uludag.edu.tr
17	Website:	
18	Objective of the Course:	The course provides necessary knowledge to evaluate and to explain data taken from engineering practices.
19	Contribution of the Course to Professional Development:	With the gains in this course, the environmental engineer will be able to reach theoretical knowledge that can make technological designs for the control of air pollution and will be able to closely follow current developments in English terms.
20	Learning Outcomes:	
	1	To have knowledge about air pollution control strategies.
	2	To define basic removal mechanisms /events of gas and particulate matters.
	3	To have knowledge of air pollution control equipments.
	4	To design basic treatment methods of gas and particulate matter removal, and practice design parameters.
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21	Course Content:	
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Week	Theoretical	Practice
1	Introduction, Air Pollution Control Strategies	Examples Practices
2	Investigation of Particle Characteristics	Examples Practices
3	Settling Chambers	Examples Practices

22	Textbooks, References and/or Other Materials:	1. Schnelle, Karl B., Air Pollution Control Technology Handbook 2. De Nevers N., Air Pollution Control Engineering, Mc Graw Hill, (1998). 3. Ferruh Ertürk, Hava Kirliliğinde Partikül ve Atık Gaz Kontrolü, Yıldız Teknik Üniversitesi Ders Notları (in Turkish).
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TERM LEARNING ACTIVITIES	NUMBER	WEIGHT
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24. ECTS / WORK LOAD TABLE			
Final Exams	1	20.00	20.00
Total Work Load			119.00
Total work load/ 30 hr			3.97
ECTS Credit of the Course			4.00

LO: Learning Objectives PQ: Program Qualifications

Contribution Level:	1 very low	2 low	3 Medium	4 High	5 Very High
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