

**CB534 Special Top. In Environmental Eng.**

**COURSE INFORMATION**

Prerequisites	Academic Year & Level		Teaching Methods			Credit Hrs.
	Year	Semester	Lecture	Tutorial	Laborator y	
CB532	5	9 – 10	2	2	0	3

**COURSE AIM**

The course aims at introducing the student to environmental legislations and regulations, the Environmental Impact Assessment, the noise pollution and control, the landfill design and solid waste management.

**COURSE WEEKLY CONTENTS**

- 1 Environmental legislation and regulations.
- 2 Environmental legislation in Egypt (1,2).
- 3 Environmental legislation in Egypt (1,2).continued
- 4 Environmental impact assessment for civil engineering projects
- 5 Air pollution standard, control and modeling (1,2).
- 6 Air pollution standard, control and modeling (1,2). Continued
- 7 Indoor air pollution + Midterm Exam
- 8 Noise pollution standard, control and modeling (1,2).
- 9 Noise pollution standard, control and modeling (1,2). Continued
- 10 Solid waste management.
- 11 Landfills design and solid waste recycling (1,2).
- 12 Landfills design and solid waste recycling (1,2).continued
- 13 Hazardous and industrial waste management.
- 14 Water pollution standard, control and modeling (1,2).
- 15 Water pollution standard, control and modeling (1,2). Continued

**STUDENT GRADING & ASSESSMENT**

Weeks	Exams	Assign.	Quizzes	Reports	Present.	Lab.	Total
1 to 7	20 Midterm	←	10	MARKS		→	30
			To be freely distributed among possible assessments				
8 to 12	←		20	MARKS		→	20
13 to 15	←		10	MARKS		→	10
16 or 17	40 Final						40
<b>Total</b>	<b>Exams</b>	<b>Assign.</b>	<b>Quizzes</b>	<b>Reports</b>	<b>Present.</b>	<b>Lab.</b>	<b>100</b>

REFERENCES

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- Textbook** Introduction to Environmental Engineering, M.L. Davis and Cornwell, McGraw Hill, 5th Edition, 2012
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- Other** Environmental Engineering, H.S. Peavy, D.R. Rowe and G. Tchobanoglous, Mc Graw-Hill Co., New York, Latest Edition.  
Air pollution assessment and control by Schmidtc, Wiley, Latest Edition.  
Ecological issues and environmental impact assessment by Cheremisinoff, Paul N., Gulf Publishing Company, Latest Edition.