

CENG 1700

Introduction to Environmental Engineering

CENG 1700	Date		Topics Covered
Week 1	03, 05-Sep	Introduction	Water quality management Water/Wastewater treatment (water pollution) Air pollution control Solid waste management /treatment Energy harvesting technology Energy storage technology Waste-to-energy technology Material balance Hydrology Environmental chemistry Hazardous waste treatment
Week 2	10, 12-Sep	Units and mass balance Environmental Chemistry	
Week 3	17, 19-Sep	Environmental Chemistry	
Week 4	24, 26-Sep	Air Pollution Control	
Week 5	03-Oct	Water/Wastewater treatment	
Week 6	08, 10-Oct	Solid waste treatment	
Week 7	15, 17-Oct	Mid-term exam	
Week 8	22, 24-Oct	Energy Harvesting Technology	
Week 9	29, 31-Oct	Waste-to-energy technology	
Week 10	05, 07-Nov	Energy Storage Technology	
Week 11	12, 14-Nov	Review Lecture	
Week 12	19, 21-Nov	Project Report and Presentation	
Week 13	26, 28-Nov		

Course Assessment

Homework assignment	10%
Mid-term exam	20%
Group project and oral presentation	15% report 15% presentation (Presentation-50% Group and 50% Individual)
Final exam	40%

Project Report deadline 06 Dec 2024

Project presentation – Both lectures and tutorials’ time will be used for the presentation

Examination

- Cheating will not be tolerated
- 1 piece of A4 “cheatsheet” (face-to-face exam)
- Overseas students