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Chemical Principles for Environmental Engineering

Introduction and units

Instructor: Wen-Che Hou (

Date: 2/22/2016

PDF

Chemical Principles for Environmental Engineering

Attendance: encourage to attend every lecture

Course work:

4-5 homework assignments (20%), two exams (70%),
presentation and term paper (10 %)

Homework and exam policy:

Late homework -20 points/day

Cheating/copy homework or exam

Major textbooks: Water Chemistry, by Snoeyink&Jenkins

References: Aquatic Chemistry: Chemical Equilibria and Rates
in Natural Waters, by Stumm and Morgan, 3rd Ed., Wiley. Water
Chemistry, by Brezonik and Arnold, 1st Ed., Oxford.

Class Outline and Schedule

Week	Date	Topic	Note
1	2/22, 26	Introduction and Units	
2	3/6	Chemical kinetics	2/29 Mon. holiday
3	3/7, 11	Chemical kinetics	
4	3/14, 18	Thermodynamics	

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