

FE Chem Class Syllabus

9 AM - 5 Each
Day; 30 Minute
Lunch, a Few
Short Breaks

Topic No.	Description	Daily Hrs.	Q %	No. of NCEES CBT Q's	Dates
1	Intro	1.0			Sept. 1, 2018
2	Mathematics	3.0		8 - 12	
3	Probability & Statistics	2.0		4 - 6	
4	Engr. Sciences	2.0		4 - 6	
			16%		
5	Computational Tools	2.0		4 - 6	Sept. 8, 2018
6	Material Science	2.0		4 - 6	
7	Chemistry	4.0		8 - 12	
			16%		
8	Fluid Mechanics and Dynamics	2.7		8 - 12	Sept. 15, 2018
9	Thermodynamics	2.7	CLA	8 - 12	
10	Material/Energy Balances	2.7		8 - 12	
			24%		
11	Heat Transfer	2.7		8 - 12	Sept. 22, 2018
12	Mass Transfer and Separation	2.7		8 - 12	
13	Chemical Reaction Engineering	2.7		8 - 12	
			24%		
14	Process Design and Economics	3.1		8 - 12	Sept. 29, 2018
15	Process Control	2.0	CLA	5 - 8	
16	Safety Health and Environment	2.0		5 - 8	
17	Ethics and Professional Services	0.8		2 - 3	
			20%		
	Totals	40.0	100%		