

MASTER SCHEDULE --- CHE 496 --- SPRING 2017												
Date	Group 1 *	Group 2 *	Group 3	Group 4	Group 5	Group 6	Group 7	Group 8	Group 9	ChE 496	Spring 2017	Meetings:
17-Jan	Course Introduction, Polymath Review, and Mandatory Safety Seminar									VERSION 1b 17-Jan-17		Tuesdays, Thursdays 1-4 PM
19-Jan	TFR (p)	NCB (p)	CSTR (p)	CBR (p)	SBR (p)	PCA (p)	CD1 (p)	CD2 (p)	RABS (p)			
24-Jan	TFR (calc)	NCB (calc)	CSTR (calc)	CBR (calc)	SBR (calc)	PCA (a)	CD1 (a)	CD2 (a)	RABS (a)			4 Assignments: 2 reactor, 2 separation
26-Jan	TFR	NCB	CSTR (a)	CBR (a)	SBR (a)	PCA (calc)	CD1 (calc)	CD2 (calc)	RABS (calc)			Available Experiments:
31-Jan	TFR (calc)	NCB (calc)	CSTR (calc)	CBR (calc)	SBR (calc)	PCA (b)	CD1 (b)	CD2 (b)	RABS (b)			NCB (311) -- Non-Catalytic Batch Reactor CBR (311) -- Catalytic Batch Reactor TFR (311) -- Tubular Flow Reactor SBR (311) -- Semi-Batch Reactor CSTR (311) -- Continuous Stirred Tank Reactor
2-Feb	TFR	NCB	CSTR (b)	CBR (b)	SBR (b)	PCA (calc)	CD1 (calc)	CD2 (calc)	RABS (calc)			
7-Feb	TFR (rev)	NCB (rev)	CSTR (rev)	CBR (rev)	SBR (rev)	PCA (rev)	CD1 (rev)	CD1 (rev)	RABS (rev)			
9-Feb	1st Draft (Scholarly Paper) Due - Final Drafts Due 2/23											CD1 (B-7) -- Continuous Distillation #1 PCA (B-7) -- Packed Column Absorption RABS (B-7) -- Reactive Absorption CD2 (109) -- Continuous Distillation #2 HUM (206) -- Humidification
14-Feb	RABS (p)	PCA (p)	CD1 (p)	CD2 (p)	HUM (p)	TFR (p)	SBR (p)	CSTR (p)	CBR (p)			
16-Feb	RABS	PCA	CD1 (a)	CD2 (a)	HUM (calc)	TFR (calc)	SBR (calc)	CSTR (calc)	CBR (calc)			
21-Feb	RABS (calc)	PCA (calc)	CD1 (calc)	CD2 (calc)	HUM (a)	TFR (a)	SBR (a)	CSTR (a)	CBR (a)			* Groups of 3; remaining are groups of 4
23-Feb	RABS	PCA	CD1 (b)	CD2 (b)	HUM (calc)	TFR (calc)	SBR (calc)	CSTR (calc)	CBR (calc)			Groups of 4 will split into subgroups "a" and "b"
28-Feb	RABS (calc)	PCA (calc)	CD1 (calc)	CD2 (calc)	HUM (b)	TFR (b)	SBR (b)	CSTR (b)	CBR (b)			NOTICE: Every group must send someone to "rev" session
2-Mar	RABS (rev)	PCA (rev)	CD1 (rev)	CD2 (rev)	HUM (rev)	TFR (rev)	SBR (rev)	CSTR (rev)	CBR (rev)			
7-Mar	Oral Presentations (PPT) -- Audience of Peers - location TBA -- Presentation not allowed w/o prior calc & slide review by instructor											Topical Areas to be Covered:
9-Mar	NCB (p)	TFR (p)	SBR (p)	CSTR (p)	CBR (p)	CD1 (p)	PCA (p)	RABS (p)	CD2 (p)			Reactions Separations & Mass Transfer Process Control Process Dynamics Process Safety
Spring Break												
21-Mar	NCB (calc)	TFR (calc)	SBR (calc)	CSTR (calc)	CBR (calc)	CD1 (a)	PCA (a)	RABS (a)	CD2 (a)			Reporting format: Exp. 1 Scholarly paper Exp. 2 Oral Presentation (PPT-peers) Exp. 3 Funding Proposal Exp. 4 Oral Presentation (PPT - Management)
23-Mar	NCB	TFR	SBR (a)	CSTR (a)	CBR (a)	CD1 (calc)	PCA (calc)	RABS (calc)	CD2 (calc)			
28-Mar	NCB (calc)	TFR (calc)	SBR (calc)	CSTR (calc)	CBR (calc)	CD1 (b)	PCA (b)	RABS (b)	CD2 (b)			
30-Mar	NCB	TFR	SBR (b)	CSTR (b)	CBR (a)	CD1 (calc)	PCA (calc)	RABS (calc)	CD2 (calc)			"Final Exam" Oral Presentation (PPT-management) (based on Exp. 4)
4-Apr	NCB (rev)	TFR (rev)	SBR (rev)	CSTR (rev)	CBR (rev)	CD1 (rev)	PCA (rev)	RABS (rev)	CD2 (rev)			
6-Apr	1st Draft (Proposal - Request for Funding) Due - Final Drafts Due 4/20											calc = attendance mandatory (either in ChE lab or computer room)
11-Apr	CD1 (p)	CD2 (p)	RABS (p)	HUM (p)	PCA (p)	NCB (p)	TFR (p)	CBR (p)	CSTR (p)			p = planning session (ENTIRE group, mandatory): Study apparatus, make schematic, study manual Consult with instructor, set up data sheets
13-Apr	CD1	CD2	RABS (a)	HUM (calc)	PCA (a)	NCB (calc)	TFR (calc)	CBR (calc)	CSTR (calc)			
18-Apr	CD1 (calc)	CD2 (calc)	RABS (calc)	HUM (a)	PCA (calc)	NCB (a)	TFR (a)	CBR (a)	CSTR (a)			rev = review data and calculations with instructor - MANDATORY
20-Apr	CD1	CD2	RABS (b)	HUM (calc)	PCA (b)	NCB (calc)	TFR (calc)	CBR (calc)	CSTR (calc)			
25-Apr	CD1 (calc)	CD2 (calc)	RABS (calc)	HUM (b)	PCA (calc)	NCB (b)	TFR (b)	CBR (b)	CSTR (b)			
27-Apr	CD1 (rev)	CD2 (rev)	RABS (rev)	HUM (rev)	PCA (rev)	NCB (rev)	TFR (rev)	CBR (rev)	CSTR (rev)			
TBA	1st Draft (PPT - Audience of Upper Management) slides due for review by instructor -- make independent app't -- Presentation not allowed w/o prior calc & slide review by instructor											
TBA	ChE 496 "Final Exam" --- PPT Oral Presentations to Upper Management (based on Exp. #4) --- Date / Time TBA											