Class #	Day	Date	Professor		Reading Due	Topic (Subject to Change)
1	W	Apr 27	Fletcher	Introduction		
	Th	28	Tour	*Tour of IPP (or Hunter Power Plant)*		
	F	29		No Class		
2	M	May 2	Fry	Coal & Biomass Use (U.S. & World)	1-35	Biomass use tables, EIA Biomass for Electricity Generation, Biomass Distribution Picture
3	W	4	Fry	Practical Combustion & Gasification	ACERC red book 24-72	Biomass Handbook Ch. 5
4	F	6	Fletcher	Geochemistry & Macromolecular Structure	37-75	Jenkins paper p. 21-27 (in "Biomass Articles" on web page)
5	M	9	Fletcher	Chemical Analysis Techniques	77-153	
6	W	11	Fletcher	Physical Properties, Particle Heatup	154-168, Merrick	
7	F	13	Fletcher	Devolatilization Measurements, Swelling	209-253	
8	M	16	Fletcher	Simple Devolatilization Models, Blowing	Smoot & Smith 59-67	
9	W	18	Fletcher	Network Devolatilization Models	273-323	
10	F	20	Fletcher	Volatiles Combustion, Soot	Ma, Brown	
	M	23		**Midterm (Oral, 1/2 hr each)**		
11	W	25	Fry	Mineral Matter 1; occurrence & transformations	ACERC red book 299-322	Jenkins paper p. 27-36
12	F	27	Fry	Mineral Matter 2; deposition	ACERC red book 323-343	Biomass Handbook p. 194-201
	M	30		**Memorial Day Holiday**		
13	W	Jun 1	Fletcher	Char Oxidation 1 (Global Models)	325-345,372-378	
14	F	3	Fletcher	Char Oxidation 2 (Intrinsic Models, Pore Diffusion)	378-408	
15	M	6	Fletcher	Char Oxidation 3 (Effect of Pressure)	356-365, Hurt, Hong	
16	W	8	Fry	SOx, NOx, Pollution Control Strategies	ACERC red book 472-484	Jenkins paper p. 41-44, Biomass Handbook Ch. 8
17	F	10	Fry	CO2 Implications		
18	M	13		Review for Final		
	W	15		**Final Exam (oral, 1/2 hr each)**		
				Fletcher gone		
				Fry gone		