Lecture Schedule*

1	Wed	Feb 5	Introduction and Scope
2	Mon	Feb 10	Chemical Thermodynamics, Gibbs Equation
3	Wed	Feb 12	Chemical Thermodynamics, Equilibrium
4	Tue	Feb 18	Chemical Thermodynamics, combustion products
5	Wed	Feb 19	Chemical Kinetics, fundamentals
6	Mon	Feb 24	Chemical Kinetics, simple and detailed mechanisms
7	Wed	Feb 26	Chemical Kinetics, Hydrocarbon kinetics
8	Mon	Mar 3	Chemical Kinetics, pollutants kinetics
9	Wed	Mar 5	Homogeneous Combustion, Ignition
10	Mon	Mar 10	Homogeneous Combustion, flowing mixtures
11	Wed	Mar 12	Homogeneous Combustion, WSR
12	Mon	Mar 17	Transport Processes, heat and mass diffusion
13	Wed	Mar 19	Transport Processes, transport equations
	Mon	*Mar 24*	*Spring Break*
	Wed	*Mar 26*	*Spring Break*
14	Mon	Mar 31	Premixed Flames, burning velocity
15	Wed	Apr 2	Premixed Flames, flammability
16	Mon	Apr 7	Premixed Flames, aerodynamic effects
17	Wed	Apr 9	Nonpremixed Flames, mixing controlled combustion
18	Wed	Apr 14	Nonpremixed Flames, jet diffusion flames
19	Mon	Apr 16	Nonpremixed Flames, jet diffusion flames
	Mon	*Apr 21*	*Patriot's Day*
20	Wed	Apr 23	Multi Phase Combustion, Droplets
21	Mon	Apr 28	Gas Dynamics
22	Wed	Apr 30	Gas Dynamics, Detonation waves
23	Mon	May 5	Gas Dynamics, Acoustics
24	Wed	May 7	Turbulent Combustion, turbulence physics
25	Mon	May 12	Turbulent Combustion, turbulent burning velocity
26	Wed	May 14	Numerical Combustion, computing flames

* a preliminary schedule