

Advanced Synthesis and Catalysis, 2006**Unless noted, class is 9:00-10:30, mon and wed, L4.14**

Date	Topic	Lecturer
8-22	Intro to catalysis	Ready
8-24	Organometallics: structure/reactivity-1	Ready
8-29	Organometallics: structure/reactivity-2	Ready
8-31	Kinetics and mech-1	Ready
9-5	Kinetics and mech-2	Ready
9-7	Kinetic resolutions	Ready
9-12	Nonlinear effects	Ready
9-14	Addns to pi bonds-1	Ready
9-19	Addns to pi bonds-2	Ready
9-21	Addns to pi bonds-3	Ready
9-26	Conjugate addition-1	Ready
9-28	Conjugate addition-2	Ready
10-3	Carbenes-1	Ready
10-5	Carbenes-2	Ready
10-10	Exam (9-noon)	
10-12	Independent Study	
10-17	Student presentations	
10-19	Metathesis-1	Frantz
10-24	Metathesis-2	Frantz
10-26	C-H activation	Frantz
10-31	Addition to coordinated olefins-1	Frantz
11-2	Addition to coordinated olefins-2	Frantz
11-7	Cross-Coupling	Frantz
11-9	Cross-Coupling-2	Frantz
11-14	Reactions of alkynes-1	Frantz
11-16	Reactions of alkynes-2	Frantz
11-21	Paper choice due (L4.247)	Ready
11-23	Thanksgiving - no class	
11-28	Oxidations-1	Frantz
11-30	Oxidations-2	Frantz
12-5	Organocatalysis-1	Frantz
12-7	Organocatalysis-2	Frantz
12-9	Paper due (L4, 247, 5pm)	Ready
12-12	Exam (9-noon)	