

CHEM 330

Fall, 2015

Tentative Course Schedule

week	date	topics
1	W Sept 9 F Sept 11	Introduction General principles of C–C bond formation
2	M Sept 14 W Sept 16 F Sept 18	Claisen, Dieckman reactions Claisen, Dieckman reactions Claisen, Dieckman reactions
3	M Sept 21 W Sept 23 F Sept 25	Claisen, Dieckman reactions Claisen, Dieckman reactions Claisen, Dieckman reactions
4	M Sept 28 W Sept 30 F Oct 2	Claisen, Dieckman reactions Claisen, Dieckman reactions Ketone enolates: preparation & alkylation
5	M Oct 5 W Oct 7 F Oct. 9	Ketone enolates: preparation & alkylation Ketone enolates: preparation & alkylation Ketone enolates: preparation & alkylation
6	M Oct 12 W Oct 14 F Oct 16	Thanksgiving Ketone enolates: preparation & alkylation Ketone enolates: preparation & alkylation
(There will be a midterm exam sometime during week 6 or 7, date TBA)		
7	M Oct 19 W Oct 21 F Oct 23	Ketone enolates: preparation & alkylation Ketone enolates: preparation & alkylation MAC AWAY
8	M Oct 26 W Oct 28 F Oct 30	Enone synthesis & reactions Conjugate additions of carbonyl enolates Conjugate additions of carbonyl enolates
9	M Nov 2 W Nov 4 F Nov 6	Robinson annulation Conjugate additions of organometallic agents Conjugate additions of organometallic agents

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10	M Nov 9	Conjugate additions of organometallic agents
	W Nov 11	Remembrance Day
	F Nov 13	Aldol reactions
11	M Nov 16	Diastereoselective aldols
	W Nov 18	Diastereoselective aldols
	F Nov 20	Diastereoselective aldols
(There will be a midterm exam sometime during week 10 or 11, date TBA)		
12	M Nov 23	Enantioselective aldols
	W Nov 25	Enantioselective aldols
	F Nov 27	Enantioselective aldols
13	M Nov 30	Diels-Alder reactions
	W Dec 2	Diels-Alder reactions
	F Dec 4	Diels-Alder reactions