*CHEM 242 – Lecture 32 04/04/2014*

Overheads: - Outline

Recap Wednesday: Halogenations of Enols/Enolates



B) Alkylation of Enolates



Note on bases:

OH- pKa (H2O) = 15 → only deprotonates small fraction (1/10000)

NH2- / NR2- pKa (NH3) = 35 → deprotonates all









\*\*Except under special circumstances, must always add two of same ketone/aldehyde or get mixtures!

Similar Reaction for esters: Claisen Condensation



The End