(16) **Today**

6.1 Catalysis and How Enzymes Work

Next Class (17)

6.1 How Enzymes Work

6.2 Kinetics

6.3 Enzyme Kinetics

(18) Second Class from Today

6.3 Enzyme Kinetics

Third Class from Today (19)

We'll see



15 a bad LG

Zwitter ion can't now the HOCH3 Finish can leave because it is a very because OCK?

The Transition State 10



an acyl substitution reaction

Section 6.1

lowered ... Stabilize it Change the path

VS General reacher rate depends on concentration not creating charge separation tetrahedral our flansition Intermediale

weak bare General Specific OH-VS SU energy gap 15 not between reactant Zuitheronic + TS 15 lower

+2 + +3 metal cons are Lowis acids

The catalyst covalently bonds to the reactant, speeds up one step of the rxn and is then released

