

LECTURE 31 KINETICS

I. Rates of Chemical Reactions

- A. Kinetics
- B. Oxidation of glucose
- C. Factors affecting rates of reactions
- D. Measuring reaction rates
- E. Rate expressions

II. Rate Laws

- A. Order of reaction in reactants / products
- B. Overall reaction order
- C. Units for k
- D. Integrated rate laws
 - 1. First order half-life ($t_{1/2}$)