## LECTURE SUMMARY 11.1

WEDNESDAY, JULY 20, 2016

## System of Linear Differential Equations

- $1. \ \, \text{First-order linear homogeneous system of differential equations}, \, \text{first-order linear nonhomogeneous system of differential equations}.$ 
  - 2. Use reduction methods to solve linear system of differential equations.
  - 3. Examples.
  - 4. Liver function.

Suggestion: Do exercises as many as possible.