

GRANDE PRAIRIE REGIONAL COLLEGE

1986-87

DEPARTMENT OF SCIENCE

BIOLOGY 200

INTRODUCTORY BIOLOGY

TEXTBOOK:

Raven, Peter; G Johnson. BIOLOGY, Times Mirror/Mosby College Publishing.

GENERAL COURSE TOPICS:

- A. Introduction - 1 lecture
- B. Biology of Cells - 7 weeks
 - 1. Cell chemistry
 - 2. Prokaryotes and Eukaryotes
 - 3. Plant and Animal cells
 - 4. Cell movement
 - 5. Cell communication
 - 6. Cellular Transport
 - 7. Cellular Energetics
 - 8. Cell cycle and cell division
 - 9. Meiosis and Syngamy
- C. Evolution - 2 weeks
 - 1. Pre-Darwin
 - 2. Darwin's Theory
 - 3. Synthetic Theory
- D. Ecology - 3 weeks
 - 1. The Abiotic Environment
 - 2. Populations
 - 3. Communities
 - 4. Exosystems
- E. Conclusion - 1 week
 - 1. Topics of current interest
 - 2. review and recapitulation