



Wayne County Community College District

COURSE SYLLABUS

BIO 175 Zoology

CREDIT HOURS: 4.00

CONTACT HOURS: 60.00 HL/30.00 HLB

PREREQUISITES: BIO 155

COURSE DESCRIPTION: Principles of animal biology as they apply to major animal phyla. A survey of the animal kingdom with emphasis on evolutionary and comparative relationships of the various phyla. A comparative study of major animal phyla emphasizing anatomy, physiology and ecological principles. (Meets six hours per week; four hours lecture and two hours laboratory)

EXPECTED COMPETENCIES:

Upon completion of the course the student should be able to:

- Understand the relationship between microorganisms and disease, industry, and agriculture.
- Understand the importance of sterile techniques and pure culture.
- Apply the tools of microbiology.
- Understand the importance and application of various staining techniques.
- Understand the concept of molecular cloning.

ASSESSMENT METHODS:

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

GRADING SCALE:

90%-100% = A

80%-89.9%= B

70%-79.9%= C

60%-69.9%= D

<60% = E