COURSE INFORMATION FORM

DISCIPLINE
Biology

COURSE TITLE
Human Anatomy and Physiology

CR.HR. 6 LECT HR. 4 LAB HR. 4 CLIN/INTERN HR. _______ CLOCK HR. _______

CATALOG DESCRIPTION
Structure and function in the human body and mechanisms of homeostasis.

PREREQUISITES
CHEM 105

EXPECTED STUDENT OUTCOMES IN THE COURSE
Upon completion of this course, the student will be able to:
1. Demonstrate competence in the use of biological terminology as applied to the human body.
2. Describe the major levels of the organization within the body.
3. Name, locate and describe functions for the major structures within the body using models, illustrations, and dissected specimens.
4. Demonstrate effective use of laboratory skills, including use of the microscope, to explore the body.
5. Describe homeostasis and major mechanisms for stabilizing critical internal states.
CLASS-LEVEL ASSESSMENT MEASURES

Student accomplishment of expected student outcomes will be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Written exams (1-3, 5)
2. Lab Practical exams (1,3,4)
3. Lab reports (1-5)
4. Projects (1-5)

PROGRAM-LEVEL OUTCOMES ADDRESSED

General Education Outcomes
Specify which general education outcomes, if any, are substantially addressed by the course by completing the “Course/Program Assessment Matrix” to show the relationship between course and program outcomes and assessment measures.

Occupational Program Outcomes
Specify which occupational program outcomes, if any, are substantially addressed by the course by completing the “Course/Program Assessment Matrix” to show the relationship between course and program outcomes to assessment measures.
COURSE OUTLINE FORM

DISCIPLINE   Biology

CATALOG NO.   BIOL 109

COURSE TITLE   Human Anatomy and Physiology

Individual instructors may order this outline as fits the needs of their individual courses. In addition, they may place more emphasis on some areas than on others. What is assured is that this particular list is covered in the course. Other topics may be added to a course as the instructor sees fit, and as time and interest allow. An *asterisk can be used to mark an item as optional.

I. Levels of organization
   A. Systems
   B. Organs
   C. Tissues
   D. Cells
   E. Organelles
   F. Chemical

II. Body plan
   A. Body positions
   B. Regional terms
   C. Directional terms
   D. Sectional terms

III. Homeostasis
   A. Definition
   B. Essential variables
   C. General mechanisms
   D. Feedback

IV. Structure and function, including contribution to homeostasis, of each body systems
   A. Integumentary
   B. Muscular
   C. Skeletal
   D. Nervous
   E. Endocrine
   F. Circulatory
   G. Immune
   H. Respiratory
   I. Digestive
   J. Urinary

V. Reproductive