COURSE INFORMATION FORM

DISCIPLINE: Health Sciences
COURSE TITLE: Anatomy and Physiology for Health Professions
CR.HR: 4
LECT HR: 3
LAB HR: 2
CLIN/INTERN HR: 
CLOCK HR: 

CATALOG DESCRIPTION

Fundamentals of anatomy and physiology are taught with emphasis on relevance to individuals in health care fields.

PREREQUISITES

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)

Upon completion of this course, the student will be able to:

1. Describe the basic organization of the body and its major body functions.
2. Explain, use, and interpret medical language related to anatomy and physiology.
3. Name and identify structures of the body on models, photos, dissections and correlate to Anatomical locations on other individuals.
4. Explain the function of anatomical structures and systems and medical tests evaluating each function.
5. Explain homeostasis and mechanisms to maintain homeostasis.
6. Correlate dysfunction to common medical diseases.
7. Interpret clinical case histories using knowledge of anatomy and physiology.

GENERAL EDUCATION OUTCOMES (ESO)

Specify which general education outcomes, if any, are substantially addressed by the course. Numbers in parentheses identify the Expected Student Outcomes linked to the specific General Education Outcome.

Outcomes | ESO
PROGRAM-LEVEL OUTCOMES

CAREER AND TECHNICAL EDUCATION PROGRAM OUTCOMES
Specify which Career and Technical program outcomes, if any, are substantially addressed by the course by completing the “Career and Technical Education template” to show the relationship between course and program outcomes to assessment measures.

1.

CLASS-LEVEL ASSESSMENT MEASURES
Student accomplishment of expected student outcomes may be assessed using the following measures. (Identify which measures are used to assess which outcomes.)

1. Written examinations (ESO 1,2,4,5,6,7)
2. Lab practical examinations (ESO 3)
3. Case history assignments (ESO 7)
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. Organization of the Body
   II. Body Plan and Relevance to Healthcare
   III. Homeostasis
   IV. Body Systems
      1. Respiratory
         1. Structure
         2. Function
         3. Dysfunction
         4. Medical Tests/Procedures
         5. Relevance to Healthcare Fields
      2. Digestive
         1. Structure
         2. Function
         3. Dysfunction
         4. Medical Tests/Procedures
         5. Relevance to Healthcare Fields
         3. Cardiovascular and Lymphatic
            1. Structure
            2. Function
            3. Dysfunction
            4. Medical Tests/Procedures
            5. Relevance to Healthcare Fields
      4. Urinary System
         1. Structure
         2. Function
         3. Dysfunction
         4. Medical Tests/Procedures
         5. Relevance to Healthcare Fields
      5. Integumentary
         1. Structure
         2. Function
         3. Dysfunction
4. Medical Tests/Procedures
5. Relevance to Healthcare Fields

6. Musculoskeletal
   1. Structure
   2. Function
   3. Dysfunction
   4. Medical Tests/Procedures
   5. Relevance to Healthcare Fields

7. Nervous system
   1. Structure
   2. Function
   3. Dysfunction
   4. Medical Tests/Procedures
   5. Relevance to Healthcare Fields

8. Endocrine
   1. Structure
   2. Function
   3. Dysfunction
   4. Medical Tests/Procedures
   5. Relevance to Healthcare Fields

9. Reproductive
   1. Structure
   2. Function
   3. Dysfunction
   4. Medical Tests/Procedures
   5. Relevance to Healthcare Fields

10. Sensory Systems
    1. Structure
    2. Function
    3. Dysfunction
    4. Medical Tests/Procedures
    5. Relevance to Healthcare Fields