COURSE INFORMATION FORM

DISCIPLINE
Physical Therapist Assistant

COURSE TITLE
Medical Diseases

CR.HR  LECT HR  LAB HR  CLIN/INTERN HR  CLOCK HR
2.0     2.0     ______   ______     ______

CATALOG DESCRIPTION
Medical diseases commonly seen in physical therapy practice; diagnostic tests, signs and symptoms, physiologic factors, and common interventions associated with the physical therapy plan of care.

PREREQUISITES
Formal Acceptance into the Program.

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)
Upon completion of this course, the student will be able to:

1. List and describe physiological factors and signs and symptoms of common medical diseases associated with the practice of physical therapy.
2. Define medical terminology associated with the dysfunctions discussed.
3. Provide a basic explanation of medical tests and treatments associated with specified diagnoses.
4. List and explain common physical therapy treatment interventions and expected outcomes in the physical therapy plan of care.
5. Recognize the role of the physical therapist assistant in carrying out the plan of care under the direction of the supervising physical therapist.

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

2. Critical Thinking
   B. Define, analyze and evaluate information, materials and data.
      4. Integrate information and see relevant relationships that broaden and deepen understanding. (5)

5. Natural and Physical Sciences
   D. Describe and apply current theoretical explanations of the nature, organization, and evolution of living systems (1,3,4)
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.

3. Competently implements the physical therapy plan of care (1-5)

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.)

- Written examinations, quizzes, and assignments (Objectives 1-5)
I. Nervous system diseases
   A. Congenital
      1. Cerebral palsy
      2. Hydrocephalus
      3. Epilepsy
      4. Spina bifida
      5. Down’s syndrome
   B. Acquired
      1. Cerebrovascular accidents
      2. Traumatic brain injuries
      3. Multiple sclerosis
      4. Encephalitis, meningitis
      5. Parkinsons, Huntington’s chorea
      6. Amyotrophic lateral sclerosis
      7. Guillain barre syndrome
      8. Poliomyelitis
      9. Bells palsy
     10. Myasthenia gravis
     11. Shingles
     12. Spinal cord injuries
     13. Peripheral nerve injuries

II. Infectious diseases
   A. Common nosocomial infections
   B. Antibiotic resistance bacteria
   C. Hepatitis
   D. HIV

III. Diabetes Mellitus

IV. Pulmonary disorders
   A. COPD
      1. Emphysema
      2. Chronic bronchitis
      3. Asthma
      4. Pneumonia
      5. Pulmonary emboli
      6. Tuberculosis
      7. ARDS
V. Wounds
   A. Causes
   B. Characteristics of various types of wounds and related terminology
   C. Wound Healing and methods of monitoring wound status
   D. Wound treatment

VI. Cancer