COURSE INFORMATION FORM

DISCIPLINE: Physical Therapist Assistant
COURSE TITLE: Pediatrics and Gerontology
CR.HR: 2.0  LECT HR: 2.0  LAB HR: 0.0  CLIN/INTERN HR: 0.0  CLOCK HR: 0.0

CATALOG DESCRIPTION
Specialized information related to the treatment of pediatric and older adult populations.

PREREQUISITES
PTHA 162 Clinical Experience I

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

1. Describe the impact of legislation on pediatric practice.
2. Distinguish between professionally centered treatment and family centered treatment.
3. Categorize postures/movements in the correct order according to normal developmental sequence.
4. Distinguish between primitive reflex, attitudinal reflex and righting reaction.
5. Describe how reflexes are tested and what responses are normal.
6. Name the standardized tools used in physical therapy to assess a child’s motor development and functional status of the geriatric client.
7. Identify common pediatric disorders and summarize each disorder’s etiology and clinical presentation.
8. Outline appropriate treatment interventions for pediatric disorders based on a physical therapy plan of care.
9. Discuss psychosocial issues associated with aging and appropriate interactions with the physical therapist assistant.
10. Describe pharmacological implications for the geriatric client.
11. Describe the normal physical changes associated with aging and implications for physical therapy treatment.
12. Explain the ethical/legal issues associated with treatment of the elderly.
13. Describe community resources available to the geriatric client.
14. Explain how physical therapy interacts with other health care professionals in the care of the geriatric client.
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)

2. Critical Thinking
   B. Define, analyze and evaluate information, materials and data
   4. Integrate information and see relevant relationships that broaden and deepen understanding (8)
5. Natural and Physical Sciences
   D. Describe and apply current theoretical explanations of the nature, organization, and evolution of living systems (3,4,5,7,10,11)
7. Awareness of Social, Political, and Behavioral Environments
   B. Explain social institutions, structures, and processes across a range of historical periods and cultures. (12,13)

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.

2. Demonstrates professional behaviors consistent with the physical therapy profession. (1,9, 12-14)
3. Competently implements the physical therapy plan of care (2-8, 10, 11)

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. Examinations and quizzes (1,2,3,4,5,6,7,8,9,10,11,12,13,14)
2. Haight’s Life Review (9)
3. Assignments (8,13)
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. Legal, social and practice issues related to pediatric physical therapy
   A. Settings for pediatric practice
   B. Legislation affecting pediatric practice
      1. EHCA
      2. IDEA
      3. ADA
   C. Treatment models for pediatric therapy
   D. Documentation in an educational setting
      1. IFSP
      2. IEP
      3. 504 Plan

II. Motor development
   A. Normal development sequence
   B. Reflexes
      1. primitive
      2. attitudinal
      3. righting responses
   C. Assessment tools
      1. Hawaii Development Chart
      2. Denver Developmental Screening Test
      3. Bruininks-Oseretsky Test of Motor Performance

III. Common pediatric diseases/disorders
   A. Cerebral Palsy
      1. Medical treatment of spasticity in cerebral
      2. Physical therapy intervention guidelines based on muscle tone
   B. Spina Bifida
   C. Down Syndrome
   D. Muscular Dystrophy
   E. Autistic Disorder
   F. Sensory Integration Disorder
   G. Arthrogryposis

IV. Treatment of the pediatric client
   A. Promotion of intellectual development
   B. Promotion of motor development
      1. Incorporation of play into treatment
      2. Correct movement patterns versus compensation techniques
   C. Student treatment presentations
V. Demographics of aging
VI. Psychosocial aspects of aging and relevance to the physical therapist assistant
VII. Physical changes associated with aging and relevance to the physical therapist assistant.
VIII. Pharmacological considerations in the elderly
IX. Standardized assessment tools
X. Ethical/legal issues
XI. Resources for the elderly
   A. Health care professional roles
   B. Community resources