COURSE INFORMATION FORM

DISCIPLINE  

Occupational Therapy Assistant

COURSE TITLE  

Analysis of Physical Performance

CR.HR  3  LECT HR.  2  LAB HR.  2  CLIN/INTERN HR.  
CLOCK HR.  

CATALOG DESCRIPTION

Analysis and evaluation of the components of physical performance and their relationship to functional activities.

PREREQUISITES

HLSC 108 or BIOL 109 or BIOL 110 & BIOL 210 with a grade of C or higher
EMS 100 with a grade of C or higher
OTHA 100, OTHA 102, OTHA 103, OTHA 106, OTHA 114 and OTHA 116 with a grade of C or higher

EXPECTED STUDENT OUTCOMES IN THE COURSE (ESO)

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

1. Demonstrate knowledge of the relationship between the musculo-skeletal system and movement.
2. Describe normal and abnormal motion.
3. Evaluate specified biomechanical components both formally and through observation.
4. Describe the relationship between biomechanical components and performance of purposeful activity through logical thinking, critical analysis, problem solving and creativity.
5. Maintain and organize treatment areas, equipment and supply inventory.
6. Promote OT by educating other professionals and the public.
8. Demonstrate professional advocacy through participation in professional or advocacy organizations.

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.

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<th>Outcomes</th>
<th>ESO</th>
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Revised 3/26/15
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. Integrate and articulate knowledge of basic tenets of OT
2. Conduct screenings and evaluations related to occupational performance as appropriate with diverse populations
3. Demonstrate appreciation for ethics and values of the profession of OT

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.)

Written Exams and Quizzes (1, 2, 3, 4, 5, 6, 7, 8)
Assignments (1, 2, 3, 4, 5, 7)
Lab Activities (4, 6, 7, 8)
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. Musculoskeletal Review/Terminology and Range of Motion
   A. Directional Terms and Anatomical Position
   B. Planes/Axis
   C. PROM, AAROM, Self ROM
   D. Muscles (contractions, roles, resistance, grades)

II. Neck/Trunk
    A. Movements
    B. Major Muscles
    C. Analysis of Positions and Movements

III. Shoulder Complex
     A. Movements
     B. Major Muscles
     C. Analysis of Movements
     D. Scapula Mobilization
     E. Goniometry Basics and Practical
     F. Group Muscle Testing

IV. Elbow/Forearm
    A. Movements
    B. Major Muscles
    C. Analysis of Movement
    D. Goniometry and Group Muscle Testing

V. Wrist/Hand
   A. Movements
   B. Major Muscles
   C. Analysis of Movement
   D. Goniometry and Group Muscle Testing

VI. Hip/Knee/Ankle
    A. Movements
    B. Major Muscles
    C. Analysis of Movement
    D. Goniometry and Group Muscle Testing

VII. Analysis of Biomechanical Components
     A. Functional performance
     B. Self Care, Work, Leisure Activities
     C. Compensation and Adaptation

VIII. Service Learning
      A. Involvement in Professional Activities
      B. Promotes OT to Community