OTA 112 Occupational Performance and Physical Disabilities

COURSE LEARNING OUTCOMES (CLOs)

1. Demonstrate critical analysis, problem solve and demonstrate creativity in solving occupational performance problems.
2. Articulate and contrast a variety of screening tools, observations, assessments for evaluating occupational performance, activities of daily living and instrumental activities of daily living skills including ROM, strength testing, COPM, etc. and communicate effectively the client's status and progress in documentation and verbally to client, client's family and other health care providers.
3. Integrate evaluation and task analysis skills in the selection and treatment implementation of occupational performance deficits
4. Develop occupation-based intervention plans and strategies relevant to improving all areas of occupation, performance skills, performance patterns, and modifying activity demands, context and considering client factors including home vs. community programming.
5. Select various therapeutic exercise and adapt activities based on individual performances.
6. Select and direct occupational therapy interventions and procedures and demonstrate their use towards safety, wellness and performance as they relate to the patient’s functional ability.
7. Articulate the various training in techniques to enhance mobility with selected mobility devices, and transfer techniques.
8. Identify and contrast the basic concepts of neurodevelopmental, PNF, cognitive and sensory based treatment, biomechanical, and rehabilitative interventions to improve occupational performance.
9. Explain the importance of training and safety techniques during activities of daily living following orthopedic interventions.
10. Discuss how to Identify and select various types of durable medical equipment to improve client’s function.
11. Articulate the process by which to select, fabricate, and describe and appropriate assistive devices for occupation performance consistent with patient’s choices and safe functional ability to support engagement in therapeutic daily life activities.
13. Identify therapeutic use of self in the therapeutic process with the adult client.
14. Demonstrate best practice decisions through evidenced-based professional literature.
15. Articulate the ability educate the client/caregiver/family in areas of occupation, prevention, health maintenance and safety.
16. Demonstrate an understanding of the discharge planning process, identifying home, community, and fiscal resources among others.
17. Articulate the emerging practice areas as defined by AOTA, the role of the OTA in each area and how to incorporate into treatment planning.

Course Outline

I. Conceptual Basis for Occupational Performance and Physical Disabilities
II. Continuum of Care/Context
III. Occupational Therapy Practice Framework Process/Documentation
IV. Assessment in Physical Dysfunction
   A. Activities of Daily Living
   B. Instrumental Activities of Daily Living
   C. Motor Skill/function/range
   D. Sensation
   E. Cognition
   F. Vision/perception
   G. Environment
   H. Social/community Participation
V. Intervention for Orthopedic, Peripheral Nerve Injuries, and Burns
   A. Splinting
      1. Introduction to thermal modalities
      2. Amputation management and prosthetics
   B. Scar management
   C. Pain management
   D. Burn management
   E. Edema management
   F. Assistive Devices/Adaptations
VI. Spinal Cord Injuries
   A. ADL/IADL Training
   B. Functional mobility training
   C. ROM/Strengthening
   D. Health Maintenance and Prevention
   E. Community Mobility/integration
VII. CVA/Brain Injury/Other Upper Motor Neuron Lesions
   A. ADL/IADL Training
   B. Functional Mobility Training
   C. ROM/Tone Management
   D. Health Maintenance and Prevention
   E. Community Mobility/integration
      1. Cognitive Retraining
      2. Vision/Sensation Retraining
VII. Motor Control Interventions
   A. PNF (Proprioceptive Neuromuscular Facilitation)
   B. Brunstrom
   C. NDT (Neurodevelopmental Treatment)
   D. Cognitive and Sensory Approaches
   E. Biomechanical
   F. Rehabilitative
VIII. Teaching Techniques
   A. 1:1 patient training
   B. Family/caregiver training
   C. Written instructions
   D. Video teaching
IX. Sexuality in Physical Dysfunction
   A. Client/family education
B. Equipment/Adaptation

X. Psychological Adaptation to Disability
   A. Therapeutic Use of Self
   B. Team Approach
   C. Occupational Performance in Adjustment
   D. Interpersonal relationships
   E. Boundary Issues

XI. Documentation
   A. Treatment Planning
   B. Discharge Summaries
   C. Daily Notes

XII. Professional Literature Review
   A. Best practice by diagnostic category