OTA 122 Occupational Performance and Physical Disabilities Lab

COURSE LEARNING OUTCOMES

1. Demonstrate critical analysis, problem solve and demonstrate creativity in solving occupational performance problems.
2. Demonstrate how to use 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.
5. Select and provide therapeutic exercise and adapt activities based on individual performances.
6. Select and provide 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. Provide training in techniques to enhance mobility with selected mobility devices, and transfer techniques.
8. Demonstrate basic concepts of neurodevelopmental, PNF, cognitive and sensory based treatment, biomechanical, and rehabilitative interventions to improve occupational performance.
9. Explain and demonstrate training and safety techniques during activities of daily living following orthopedic interventions.
10. Identify and select various types of durable medical equipment to improve client’s function.
11. Select, fabricate, and describe appropriate assistive devices for occupation performance consistent with patient's choices and safe functional ability to support engagement in therapeutic daily life activities.
12. Fabricate measure, apply and teach the use of splints, orthotics, and assistive devices and occupational performance consistent with patient’s functional ability.
13. Identify and deliver key components of successful interview situations.
14. Demonstrate ability to coordinate OT services during therapeutic interventions.
15. Select, analyze and modify environments (home, work school or community) and adaptive processes including ergonomic principles.
16. Demonstrate awareness of emerging practice areas in OT as related to physical disabilities to include driving, assistive technology and low vision and incorporate into treatment planning and intervention.

Course Outline

I. Assessment in Physical Dysfunction
   A. ADL/IADL tools
   B. ROM/MMT, Coordination, motor skill, tone
   C. Sensory Testing
   D. Cognitive Testing
   E. Vision Screening, perceptual testing
F. Environmental Evaluation
G. Social/community participation tools

II. Documentation

A. Treatment Plan
B. Daily Note
C. Discharge Summary/reevaluation

III. Treatment Approaches

A. Exercise
B. Splinting
C. Thermal Modalities
D. Pain management
E. Burn management
F. Edema management
G. Adaptive Equipment/DME
H. Tone normalization/restorative
I. ADL training
J. Cognitive Retraining
K. Low Vision Training
L. Health Maintenance/Prevention

IV. Emerging Practice Areas

A. Low Vision
B. Driving
C. Assistive Technology