

OCTA 227

Physical Dysfunction II

3 Credits: 2 hours lecture, 2 hours lab

Community College of Baltimore County

Common Course Outline

Description

OCTA 227 – Physical Dysfunction II: introduces students to the theory and application of occupational therapy treatment for patients/clients with neurological deficits. Students develop skills in treatment techniques to address activities of daily living, orthotics, physical agent modalities, positioning, adaptive equipment, assistive technology devices, cognitive retraining, driver rehabilitation, and professional documentation.

Pre-requisites: OCTA 226

Overall Course Objectives

Upon completion of this course, students will be able to:

1. analyze the role/responsibility of the practitioner including advocacy for changes in service delivery and expansion of the role of the occupational therapy assistant;
2. demonstrate intra-professional and collaborative skills when working with the supervising occupational therapist;
3. implement culturally relevant screens and evaluations that are based on theoretical perspectives, models of practice, and frames of reference;
4. plan intervention strategies for remediation and/or compensation with consideration to body structures, patient's/client's roles, cultural relevance, and current occupational therapy practice;
5. identify intervention strategies to train patient/client and others in feeding, eating, initiation of swallow, and the associated precautions;
6. explain use of assistive technologies, ergonomic principles, environmental modifications, orthotics, prosthetics, and other devices to enhance occupational performance;
7. demonstrate teaching strategies to educate/train the patient/client and others to facilitate skills in areas of occupation, injury prevention, health maintenance, health promotion, and safety;
8. demonstrate fabrication, application, and training in orthotic and prosthetic devices used to enhance occupational performance;
9. demonstrate strategies to enhance functional and community mobility/access with consideration to patient/client cognitive and motor skills;
10. explain how to grade and adapt the environment, tools, materials, occupations, and interventions to reflect the changing needs of the patient/client;
11. demonstrate inter-professional communication with others when developing and executing intervention plans to promote health and wellness;

The Common Course Outline (CCO) determines the essential nature of each course.

For more information, see your professor's syllabus.

12. explain the various reimbursement systems and documentation requirements that affect the practice of occupational therapy;
13. demonstrate the ability to participate in the development, marketing, and management of service delivery options;
14. demonstrate awareness of personal safety and the safety of others throughout the occupational therapy process; and
15. demonstrate the use of medical terminology, skilled observation, assessment/reassessment results, and data from medical charts to justify the need for occupational therapy services to ensure accountability and reimbursement.

Major Topics

- I. Rehabilitation concepts
 - a. Role of certified occupational therapy assistant and relationship to occupational therapist
 - b. Practice models (to include consultative)
 - c. Understanding occupational therapy in physical dysfunction
- II. Broad aspects of treatment
 - a. Psychosocial implications
 - b. Infection control
 - c. Cultural diversity
 - d. Sexuality
- III. Diagnoses
 - a. Sensorimotor applications
 - b. Biomechanical applications
- IV. Screening and reassessment procedures
 - a. Sensorimotor
 - b. Biomechanical
 - c. Rehabilitative
 - d. Standardized/non-standardized tools for assessment/re-assessment
- V. Treatment
 - a. Sensorimotor
 - b. Biomechanical
 - c. Rehabilitative
- VI. Documentation
 - a. Oral reports
 - b. Written reports
 - c. Electronic medical record

Course Requirements

Grading will be determined by the individual faculty member, but shall include the following, at minimum:

- one treatment plan
- one treatment intervention
- two case studies
- one adapted equipment project
- 24 hours of Level I fieldwork

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- eight reading quizzes
- one lab quiz
- midterm exam
- final exam

Written assignments and research projects: Students are required to use appropriate academic resources in their research and cite sources according to the style selected by their professor.

Date Revised: 2/21/2023