

# Common Course Outline

## OCTA 231

### Clinical Techniques I

3 Semester Hours

## The Community College of Baltimore County

### Description

**OCTA 231- 3 Credits-Clinical Techniques I** introduces pediatrics, emphasizing developmental disabilities, psychosocial and physical dysfunction. Explains the impact of a child with special needs on the family, and the importance of play, mobility and integrative public education system; reinforces techniques through lecture, laboratory work and practicums.

**3 credits: 2 lecture hours per week: 2 laboratory hours per week: 24 hours Level I fieldwork.**

**Prerequisite:** OCTA 206, and OCTA 211 (all with a “C” or better)

### Overall Course Objectives

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

1. articulate the frames of reference utilized by occupational therapy in the area of pediatrics;
2. demonstrate a working understanding of normal gross motor, fine motor and oral motor development in lab and on Level I fieldwork;
3. demonstrate a working understanding of abnormal development in the areas of gross motor, fine motor, and oral motor skills in lab and on Level I fieldwork;
4. using the understanding of both normal and abnormal development begin to identify appropriate treatment activities for the pediatric population while in lab and on Level I fieldwork;
5. integrate the understanding of cognitive and psychosocial development when selecting appropriate treatment activities for the pediatric population while in lab and on Level I fieldwork;
6. define typical pediatric diagnoses treated by occupational therapy assistants;
7. demonstrate emerging handling and positioning techniques for the Cerebral Palsy child;
8. identify common re-assessment tools used in pediatrics;
9. understand the sensorimotor approach used in pediatrics;
10. articulate the role of occupational therapy with children in the school system;
11. identify some common writing activities used with children with handwriting problems;
12. define what an IEP and IFSP is and the federal laws that govern the delivery of OT services in the school setting;
13. understand and integrate family issues and culture into the pediatric treatment process;
14. begin to demonstrate use of the DDST with age appropriate children; and

15. write an appropriate SOAP note on children seen during the Level I fieldwork experience.

### **Major Topics**

- I. The Scope of Pediatric Occupational Therapy
  - a. Normal Development
  - b. Gross motor
  - c. Fine motor
  - d. Feeding
  - e. Overview of cognitive, and psychosocial
  - f. Theories of normal development
- II. Abnormal Development
  - a. Gross motor
  - b. Fine motor
  - c. Feeding
- III. Treatment of the Child with Neuromuscular Deficits (Cerebral Palsy)
  - a. NDT theory
  - b. Handling and Positioning
  - c. Treatment to facilitate gross motor skill development
  - d. Activities to facilitate fine motor skill development
  - e. Feeding therapy
  - f. Adaptive equipment
- IV. Reassessment Tools
  - a. Denver Developmental Screening Test
  - b. Beery Visual Motor Integration Test
- V. The Child with Learning/Writing/Sensory Integration Issues in the Schools
  - a. Learning Disabilities/ADHD
  - b. Sensory Integration Theory
  - c. OT Treatment using sensory integration
  - d. OT Treatment activities (non- S-I)
  - e. The Child with difficulty writing
    - i. Who needs OT?
    - ii. Treatment activities
- VI. The School System and the Early Intervention System
  - a. Laws governing educational systems
  - b. The IEP and the IFSP
  - c. Working with Teachers and Parents
    - i. Diversity of families
    - ii. Impact on a Parent
- VII. Common Pediatric Diagnoses – Role of OT
  - a. Mental Retardation
  - b. Autism/Pervasive Development Disorders
  - c. Spina-Bifida
  - d. Seizure Disorders
  - e. Visual Impairment
  - f. Juvenile Rheumatoid Arthritis
  - g. Additional Lower Incidence Disorders

## **Course Requirements**

Grading/exams: Grading procedures will be determined by the individual faculty member but will include the following:

1. Tests (2)
2. Comprehensive final examination
3. Progress notes in SOAP format (2)
4. DDST and write-up
5. Activity Analysis on a pediatric modality
6. Successful completion of the Level I fieldwork
7. Class participation

A rubric has been developed for use in grading the DDST and SOAP notes.

## **Other Course Information**

This course is required by the Occupational Therapy Assistant program. The course occurs in the third semester of the OTA student's academic coursework.

Individual faculty members may include additional course objectives, major topics, and other course requirements to the minimum expectations stated in the Common Course Outline.

Date Revised: 03/2011