

# 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 201, OCTA 206, and OCTA 211 with a grade of “C” or higher**

### 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;
15. Write an appropriate SOAP note on children seen during the Level I fieldwork experience.

### **Major Topics**

- I. The Scope of Pediatric Occupational Therapy
- II. Normal Development
  - A. Gross motor
  - B. Fine motor
  - C. Feeding
  - D. Overview of cognitive, and psychosocial
  - E. Theories of normal development
- III. Abnormal Development
  - A. Gross motor
  - B. Fine motor
  - C. Feeding
- IV. 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
- V. Reassessment Tools
  - A. Denver Developmental Screening Test
  - B. Beery Visual Motor Integration Test
- VI. 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
    1. Who needs OT?
    2. Treatment activities

- VII. 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
    - 1. Diversity of families
    - 2. Impact on a Parent
- VIII. 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.