

**NEOSHO COUNTY COMMUNITY COLLEGE  
MASTER COURSE SYLLABUS**

**COURSE IDENTIFICATION**

Course Code/Number:       OTA 210

Course Title:                Theory and Practice in Physical and Occupational Disabilities

Division:    Applied Science (AS)    Liberal Arts (LA)    Workforce Development (WD)  
               Health Care (HC)    Lifetime Learning (LL)    Nursing    Developmental

Credit Hour(s): Three (3)

Effective Date: Summer 2015

Assessment Goal Per Outcome: 80%

**COURSE DESCRIPTION**

This course explores the physical function required in order to promote successful occupational performance. Included are frames of reference, gathering and sharing data for assessment/evaluation, assessment/evaluation tools and techniques, patient/client education, and intervention strategies.

**MINIMUM REQUIREMENTS/PREREQUISITES AND/OR COREQUISITES**

Admission to the OTA program. See OTA Program Sheet for coursework requirements.

**TEXTS**

The official list of textbooks and materials for this course is found on *myNeosho*.

<http://www.neosho.edu/ProspectiveStudents/Registration/CourseSyllabi.aspx>

**GENERAL EDUCATION OUTCOMES**

1. Practice Responsible Citizenship through:
  - identifying rights and responsibilities of citizenship,

- identifying how human values and perceptions affect and are affected by social diversity,
  - identifying and interpreting artistic expression.
2. Live a healthy lifestyle (physical, intellectual, social) through:
    - listing factors associated with a healthy lifestyle and lifetime fitness,
    - identifying the importance of lifetime learning,
    - demonstrating self-discipline, respect for others, and the ability to work collaboratively as a team.
  3. Communicate effectively through:
    - developing effective written communication skills,
    - developing effective oral communication and listening skills.
  4. Think analytically through:
    - utilizing quantitative information in problem solving,
    - utilizing the principles of systematic inquiry,
    - utilizing various information resources including technology for research and data collection.

### **COURSE OUTCOMES/COMPETENCIES (as Required)**

1. Understand the effects of heritable diseases, genetic conditions, disability, trauma, and injury to the physical and mental health and occupational performance of the individual. B.2.6
2. Identify interventions consistent with models of occupational performance and describe basic features of the theories that underlie the practice of occupational therapy. B.2.11 B.3.1
3. Gather and share data for the purpose of screening and evaluating client(s)' occupational performance in activities of daily living (ADLs), instrumental activities of daily living (IADLs), education, work, play, rest, sleep, leisure, and social participation using methods including, but not limited to, specified screening tools; assessments; skilled observations; occupational histories; consultations with other professionals; and interviews with the client, family, and significant others and identify when to recommend to the occupational therapist the need for referring clients for additional evaluation and under the direction of an administrator, manager, or occupational therapist, collect, organize, and report on data for evaluation of client outcomes. B.4.1 B.4.4 B.4.9 B.5.30
4. Document occupational therapy services with the use of current technology to ensure accountability and need for services in order to meet standards for reimbursement of services. B.1.8 B.4.10 B.5.32
5. Assist with the development of occupation-based intervention plans and strategies (including goals and methods to achieve them) on the basis of the stated needs of the client as well as data gathered during the evaluation process in collaboration with the client and others. Intervention plans and strategies must be culturally relevant, reflective of current occupational therapy practice, and based on available evidence. B.5.1
6. Provide therapeutic use of occupation, exercises, and activities (e.g., occupation-based intervention, purposeful activity, preparatory methods) as well as grade and adapt the environment, tools, materials, occupations, and interventions to reflect the changing needs of the client and the sociocultural context. B.5.3 B.5.23

7. Implement intervention strategies to remediate and/or compensate for physical, mental, cognitive, perceptual, neuromuscular, behavioral skills, and sensory functions (e.g., vision, tactile, auditory, gustatory, olfactory, pain, temperature, pressure, vestibular, proprioception) and feeding/eating performance as well as train others in precautions and techniques B.5.6 B.5.8 B.5.14 B.5.24
8. Demonstrate an understanding of health literacy and the ability to educate and train the client, caregiver, and family as well as collaboration with occupational therapists and other professionals on therapeutic interventions or when the use of consultative services is appropriate. B.5.18 B.5.25 B.5.26
9. Effectively interact through written, oral, and nonverbal communication and monitor and reassess, in collaboration with the client, family, significant others, colleagues, other health providers, and the public the effect of occupational therapy intervention and the need for continued or modified intervention, and communicate the identified needs to the occupational therapist in a professionally acceptable manner B.5.20 B.5.28
10. Facilitate changes in services delivery and discharge planning to the occupational therapist by reviewing the needs of the client, caregiver, family, the available resources and the discharge environment. B.5.29 B.5.31 B.6.4
11. Effectively locate and understand information, including the quality of the source of information and demonstrate the skills to read and understand a scholarly report. B.8.2 B.8.8

## **MINIMUM COURSE CONTENT**

The following topics must be included in this course. Additional topics may also be included.

- I. Foundations
  - A. Occupational Therapy and Physical Disabilities
  - B. The Disability Experience and the Therapeutic Process
- II. Process & Documentation
  - A. OT Process Evaluation and Intervention
  - B. Documentation of OT Services
- III. Intervention Principles
  - A. Teaching & Learning
  - B. Occupation, Purposeful Activities and Preparatory Activities
- IV. Assistive Tech. & iPads
  - A. Assistive Technology
- V. Eval & Intervention Neuromuscular
  - A. Assessment of Motor Control and Functional Movement
  - B. Neurotherapeutic Approaches to Treatment
- VI. Eval & Intervention Sensory and Cognition
  - A. Eval & Observation of Deficits in Sensation, Perception, and Cognition
  - B. Intervention for Visual and Other Sensory Dysfunction

- C. Intervention for Disturbances in Cognition and Perception
- VII. Clinical Applications Neurological Conditions
  - A. Cerebrovascular Accident
  - B. Traumatic Brain Injury
  - C. Spinal cord Injury
  - D. Degenerative Diseases of the Central Nervous System
  - E. Neuropathic and Myogenic Dysfunction
- VIII. Clinical Application Physiological Conditions
  - A. Arthritic Diseases
  - B. Cardiac Dysfunction & COPD
  - C. Oncology

#### GRADE SCALE

The grading scale will be graded on a percentage of the total points possible through out the course. The following scale will be used:

- 90%-100%, A
- 80%-89%, B
- 70%-79%, C
- 60%-69%, D
- Below 60% F

#### STUDENT REQUIREMENTS AND METHOD OF EVALUATION

Students must:

1. Successfully pass all prerequisite and OTA courses in previous semesters
2. Attend all classes, outside fieldtrips and labs
3. Have required textbook/s and materials with them at each class

Students will be graded on attendance, class participation, individual skills check outs, exams, homework and lab assignments.

#### ASSESSMENT OF STUDENT GAIN

The purpose of assessing student learning at Neosho County Community College is to ensure the educational purposes of the institution are met and appropriate changes are made in program development and classroom instruction to allow for student success. The instructor(s) of this course will determine the methods of assessment most appropriate and complete an assessment report at the end of the course.

#### Attendance Policy

1. NCCC values interactive learning which promotes student engagement in the learning process. To be actively engaged, the student must be present in the learning environment.

2. Unless students are participating in a school activity or are excused by the instructor, they are expected to attend class. If a student's absences exceed one-eighth of the total course duration, (which equates to one hundred (100) minutes per credit hour in a face-to-face class) the instructor has the right, but is not required, to withdraw a student from the course. Once the student has been dropped for excessive absences, the registrar's office will send a letter to the student, stating that he or she has been dropped. A student may petition the chief academic officer for reinstatement by submitting a letter stating valid reasons for the absences within one week of the registrar's notification. If the student is reinstated into the class, the instructor and the registrar will be notified. Please refer to the Student Handbook/Academic Policies for more information
3. Absences that occur due to students participating in official college activities are excused except in those cases where outside bodies, such as the State Board of Nursing, have requirements for minimum class minutes for each student. Students who are excused will be given reasonable opportunity to make up any missed work or receive substitute assignments from the instructor and should not be penalized for the absence. Proper procedure should be followed in notifying faculty in advance of the student's planned participation in the event. Ultimately it is the student's responsibility to notify the instructor in advance of the planned absence.

## **ACADEMIC INTEGRITY**

NCCC expects every student to demonstrate ethical behavior with regard to academic pursuits. Academic integrity in coursework is a specific requirement. Definitions, examples, and possible consequences for violations of Academic Integrity, as well as the appeals process, can be found in the College Catalog, Student Handbook, and/or Code of Student Conduct and Discipline.

## **ELECTRONIC DEVICE POLICY**

Student cell phones and other personal electronic devices not being used for class activities must not be accessed during class times unless the instructor chooses to waive this policy.

## **NOTE**

Information and statements in this document are subject to change at the discretion of NCCC. Students will be notified of changes and where to find the most current approved documents.

## **ACCOMMODATIONS**

If you are a student with a disability who may need accommodation(s), in compliance with Section 504 of the Rehabilitation Act of 1973 and the Americans with Disabilities Act (ADA) of 1990, please notify the Dean of Student Services in the Student Services Office, Sanders Hall, 620-432-0304, on the Chanutte Campus, or the Dean for the Ottawa and Online Campuses, 785-248-2798, on the Ottawa Campus as

soon as possible. You will need to bring your documentation for review in order to determine reasonable accommodations, and then we can assist you in arranging any necessary accommodations.

### **NON-DISCRIMINATION POLICY**

The following link provides information related to the non-discrimination policy of NCCC, including persons with disabilities. Students are urged to review this policy.

<http://www.neosho.edu/Departments/NonDiscrimination.aspx>

### **SEXUAL MISCONDUCT POLICY (TITLE IX)**

At NCCC, it is the responsibility of an instructor to help create a safe learning environment in the classroom, including both physical and virtual classrooms. All instructors are considered mandatory reporters at NCCC, therefore any information regarding sexual misconduct that is shared by a student in one-on-one meetings with the instructor must be reported to appropriate personnel at the College. Instructors will keep the information private to the greatest extent possible, but it is not confidential. Generally, climate surveys, classroom writing assignments or discussions, human subjects research, or events such as Take Back the Night events do not provide notice that must be reported to the Coordinator by employees, unless the reporting party clearly indicates that they wish a report to be made.

The following link provides information related to the sexual misconduct policy of NCCC, including resources, reporting options, and student rights. Students are urged to review this policy.

<http://www.neosho.edu/TitleIX.aspx>

### **COURSE NOTES**

See Syllabus Supplement for specifics related to this course.