

**NEOSHO COUNTY COMMUNITY COLLEGE  
MASTER COURSE SYLLABUS**

**COURSE IDENTIFICATION**

Course Code/Number:       OTA 106

Course Title:                Core Skills and Modalities in Occupational Therapy

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 impact of environment, cultural and community influences on the individual across the lifespan, focusing on core skills and modalities and an ever changing occupational status. Students develop clinical skills for assessment and treatment techniques related to sensory, motor, psychosocial, vision deficits, and visual-perceptual dysfunction. Topics include: safety precautions, HIPAA guidelines, manual muscle testing, assessment of pain, modalities, transfers techniques, wheelchair assessment, adaptive dressing techniques, splinting, hand injury assessment and exercise protocols.

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

Admissions into 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)

By the completion of this course, students will:

1. Use sound judgment in regard to safety of self and others and adhere to safety regulation throughout the occupational therapy process as appropriate to the setting and scope of practice. B.2.8
2. Explain the need for and use of compensatory strategies when desired life tasks cannot be performed. B.2.10
3. Administer selected assessments using appropriate procedures and protocols (including standardized formats) for the purpose of 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. B.4.2 B.4.4
4. Select and provide direct occupational therapy interventions and procedures to enhance safety, health and wellness, and performance in ADLs, IADLs, education, work, play, rest, sleep, leisure, and social participation. B.5.2
5. Provide training in self-care, self-management, health management and maintenance, home management, and community and work integration. B.5.5
6. Demonstrate therapeutic use of self, including one's personality, insights, perceptions, and judgments, as part of the therapeutic process in both individual and group interaction. B.5.7
7. Articulate principles of and demonstrate strategies with assistive technologies and devices (e.g., electronic aids to daily living, seating and positioning systems) used to enhance occupational performance and foster participation and well-being. B.5.10
8. Provide fabrication, application, fitting, and training in orthotic devices used to enhance occupational performance and participation, and training in the use of prosthetic devices. B.5.11

9. Provide training in techniques to enhance functional mobility, including physical transfers, wheelchair management, mobility devices, community mobility, public transportation, community access, and issues related to driver rehabilitation. B.5.12 B.5.13
10. Recognize the use of superficial thermal and mechanical modalities as a preparatory measure to improve occupational performance. On the basis of the intervention plan, demonstrate safe and effective administration of superficial thermal and mechanical modalities to achieve established goals while adhering to contraindications and precautions. B.5.15

## **MINIMUM COURSE CONTENT**

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

### **Infection Control/Safety and HIPAA guidelines**

- A. Teaching Personal Protective Equipment don/doff
- B. Workplace blood borne pathogens for healthcare
- C. Effective hand washing in all practice settings
- D. Protection of client's health information through the Health Insurance Portability and Accountability Act guidelines

### **Manual Muscle Testing, superficial thermal modalities and pain assessment.**

- A. Students will learn techniques for upper extremity manual muscle testing and will demonstrate competence of MMT during skills check outs.
- B. Understand and demonstration safe, appropriate, and effective use of superficial thermal modalities as a preparatory measure to improve occupational performance.
- C. Appropriate ways to measure client pain levels. Treatment interventions to diminish client pain levels.

### **Movement in the Environment**

- A. Students will learn various transfer techniques as related to ADL and demonstrate competence during skills check outs.
- B. Wheelchair use: seating assessment, environmental modifications, and impact on daily occupations.
- C. Driving assessment/adaptations

### **ADL/IADL adaptive techniques**

- A. Adaptive equipment and modified techniques for upper body dressing.
- B. Adaptive equipment and modified techniques for lower body dressing.
- C. Adaptive equipment and modified techniques for toileting, showering and grooming.
- D. Adaptive equipment and modified techniques for meal preparation, computer/device access, leisure/social activities.

### **Mechanical Modalities**

- A. Understand and demonstrate safe, appropriate, and effective use of mechanical modalities as a preparatory measure to improve occupational performance.

### **Orthotics**

- A. Fabrication, application, fitting and training in upper extremity splinting.
- B. Application, fitting and training in upper and lower extremity bracing, slings and immobilizers.
- C. Introduction to acute hand injuries and treatment interventions.
- D. Introduction to amputation and prosthetics.

### **Treatment Interventions related to joint range of motion and muscle strength building**

- A. Implementing and grading various exercise programs related to increasing upper extremity and core strength
- B. Implementing and grading various treatment programs related to increasing upper extremity and core joint range of motion.

### **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 (ie: State Boards, Accreditation Agency) 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 Chanute 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.