

**NEOSHO COUNTY COMMUNITY COLLEGE  
MASTER COURSE SYLLABUS**

**COURSE IDENTIFICATION**

Course Code/Number:       OTA 111

Course Title:               Kinesiology for the Occupational Therapy Assistant Lab

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

Credit Hour(s):   One (1)

Effective Date:   Summer 2015

Assessment Goal Per Outcome: 80%

**COURSE DESCRIPTION**

The course provides lab activities to support a basic understanding of human body movement as related to skeletal, articular, neurological and muscular systems. Students will learn biomechanical assessment procedures and how to identify relationships between structure and function and significance through work with a partner, in small groups, and with anatomical models and simulations.

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

Prerequisite:   Anatomy and Physiology BIOL 257 and Lab 258

Co-requisite:   OTA 110

**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)**

After active participation in this course and an effort to learn the material, students will be able to:

1. Build on current knowledge of bones, ligaments or muscles by name, anatomic location, or function using anatomical models or participants in the lab setting including demonstration of palpation techniques. B.1.1
2. Identify relationships between structure and function in tissues and the implications/importance of these relationships through lab activities through small group activities, work with a partner, with anatomical models, and simulations. B.1.1
3. Analyze human motion by muscle function, innervations and kinetics for each muscle group in the body in the lab setting with partner or small group activities. B.4.2
4. Demonstrate evaluation techniques for joint range of motion and abnormal movement and posture. B.4.2

### **MINIMUM COURSE CONTENT**

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

#### **INSTRUCTIONAL UNITS**

- 1) Lab Introduction
- 2) Body Functions and Structures
- 3) Factors Influencing Movement
- 4) Movement Demands
- 5) Function and Movement of the Trunk and Neck
- 6) Essential Functions of the Lower Extremity

- 7) Function and Movement of the Shoulder and Scapula
- 8) Function and Movement of the Elbow Complex
- 9) Function and Movement of the Hand

## **STUDENT REQUIREMENTS AND METHOD OF EVALUATION**

### INSTRUCTIONAL METHODS

1. Lab activities
2. Audio-Visual aids
3. Examples and demonstrations; skills groups/learning stations
4. Skill Competency tests
5. Tests
6. Unannounced requirements, including unannounced tests, possible

### STUDENT REQUIREMENTS

Skills competencies will be scheduled throughout the semester. Lab time for practice outside of coursework is expected for students to develop comfort with locating body structures and developing accuracy with measurements, e.g., joint range of motion.

### GRADING SCALE

The following grade scale applies throughout this course:

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

**NOTE:** A grade of "D" is not possible in this course! A student receiving a final grade of less than a "C" will be required to repeat this course. This course may only be repeated once, and passing this course is necessary for application to OTA program.

## **ASSESSMENT OF STUDENT GAIN**

Assessment ideally begins during the advisement and enrollment process with the advisor and/or instructor interviewing the student to determine the proper level of placement. During the first two weeks of a semester, students are observed and/or interviewed and assignments are examined to determine needed competency development. Post-assessment to determine gain in competency will be measured at the end of each unit of study. Evaluation of student performance is determined primarily from results of examinations, skills tests, homework, and skills groups. Class participation is, of course, considered.

### 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**