

**NEOSHO COUNTY COMMUNITY COLLEGE
MASTER COURSE SYLLABUS**

COURSE IDENTIFICATION

Course Code/Number: BIOL 280

Course Title: Human Dissection

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

Credit Hour(s): 1-2

Effective Date: Fall 2015

Assessment Goal Per Outcome: 80%

COURSE DESCRIPTION

This course is designed to provide advanced study of the human species through the dissection of a cadaver. Students will learn and utilize effective dissection techniques, review and enhance prior knowledge of human anatomy and physiology, and gain a real and experiential appreciation for human anatomy. The dissection activity will prepare specimens for demonstration purposes in Human Anatomy and Physiology (BIOL 257/258).

MINIMUM REQUIREMENTS/PREREQUISITES AND/OR COREQUISITES

Prerequisite: BIOL 257/258 with a "B" or better or permission of instructor.

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. Demonstrate effective dissection techniques used to identify, isolate and preserve structures of the human cadaver.
2. Identify specific details of the human anatomical structure as listed by the course instructor.
3. Demonstrate respect for the cadaver through compliance with all guidelines of the course.
4. Present to other students through cadaver demonstrations.

MINIMUM COURSE CONTENT

The following topics must be included in this course. Additional topics may also be included. The timing and availability for each portion of the dissection will be flexible depending on the nature of the cadaver and the skill set of the students in the course.

1. Introduction and Safety Procedures/Guidelines
2. Skin removal and Muscle Dissection
 - Anterior Cervical and Buccal Muscles
 - Anterior Thoracic and Acromial Muscles
 - Anterior Abdominal Muscles
 - Posterior Cervical and Acromial Muscles
 - Dorsal Muscles
 - Upper Extremities: Brachial, Antebrachial, and Palmar Muscles
 - Lower Extremities: Coxal, Femoral, Crural, and Pedal Muscles
3. Organs of the Thoracic and abdominopelvic cavities
 - Cervical and Facial Organs
 - Thoracic Organs (heart, lungs, diaphragm)
 - Abdominal Organs (Digestive organs, Blood Vessels, Kidneys)
 - Pelvic Organs (Urinary and Reproductive organs)
4. Cranial Cavity
 - Removal and Dissection of Brain

5. Individual Cadaver Projects

STUDENT REQUIREMENTS AND METHOD OF EVALUATION

90 – 100 %	A
80 – 89 %	B
70 – 79 %	C
60 – 69 %	D
0 – 59 %	F

Dissection Participation

Students will be required to attend class with the instructor once a week. Additionally, students will log 90 additional minutes per week of individual dissection.

Lab Practical Exams

Individual Cadaver Project

Oral Presentations/Demonstrations

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 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

A written set of safety guidelines and laboratory rules will be provided to you in writing on the first day of class. You must read them and sign an acknowledgement form before you may gain access to the dissection laboratory.

Maintaining integrity and respect for the cadaver will be essential for all students. We may use live imagery technology inside the lab and for testing purposes, however no images of the cadaver will be allowed to be removed from the laboratory. Any derogatory, disrespectful, or offensive comments made about the cadaver to other students, or on any social network (Facebook, Twitter, etc.) will not be tolerated and **can result in an immediate academic withdrawal by the instructor**. This course will follow the NCCC academic honesty policy especially with regard to “behavior...which is disruptive of a course of study” and the Code of Student Conduct and Discipline. Please refer to the college catalog and/or the NCCC Student Handbook for more information.

This course is entirely dependent on your active participation in the dissection procedures. It is expected that you will attend all required hours. Also, it is expected that you will take an active interest in dissection work beyond your own.