

**NEOSHO COUNTY COMMUNITY COLLEGE
MASTER COURSE SYLLABUS**

COURSE IDENTIFICATION

Course Code/Number: ALMA 160

Course Title: Clinical Aspects of Medical Assisting

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

Credit Hour(s): 4

Effective Date: Summer 2017

Assessment Goal Per Outcome: 74%

COURSE DESCRIPTION

This course requires the student in the controlled environment of the skills laboratory to demonstrate clinical competencies. This medical assisting laboratory course is designed for students to experience the hands-on application of clinical and professional procedures required as part of the competency and outcomes established by the Commission on Accreditation of the Allied Health Education Programs in their Standards and Guidelines for Medical Assisting Educational Programs. It is designed for students wishing to enter the health care industry or advance from an existing entry level health care position.

MINIMUM REQUIREMENTS/PREREQUISITES AND/OR COREQUISITES

Prerequisite: Admission to the medical assistant program or program coordinator approval.

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)

In the skills laboratory the student will:

- 1. Demonstrate competence in performing Fundamental Procedures**
 - Perform hand washing
 - Wrap items for autoclaving
 - Perform sterilization techniques
 - Dispose of biohazardous materials
- 2. Demonstrate competence in performing standard Specimen Collection**
 - Perform venipuncture
 - Perform capillary puncture
 - Obtain specimens for microbiological testing
 - Instruct patients in the collection of a clean-catch mid-stream urine specimen
 - Provide patient instruction in the collection of a fecal specimen
- 3. Demonstrate competence in performing Diagnostic Testing in the Medical Office**
 - Perform electrocardiography
 - Perform respiratory testing
 - Perform CLIA Waived testing
- 4. Demonstrate competence in performing Patient Care In The Medical Office**
 - Perform telephone and in-person screening
 - Obtain vital signs
 - Obtain and record patient history
 - Prepare and maintain examination and treatment areas
 - Prepare patient for and assist with routine and specialty examinations
 - Prepare patient for and assist with procedures, treatments, and minor office surgeries

Apply pharmacology principles to prepare and administer oral and parenteral (excluding IV) medications
Maintain medication and immunization records

5. Demonstrate competence in performing Patient Instruction

Explain general office procedures

Instruct individuals according to their needs

Provide instruction for health maintenance and care of patient equipment.

Identify community resources

6. Demonstrate competence in the use of safety equipment.

In a skill demonstration

Demonstrate the use of an eyewash station

Demonstrate the proper disposal of sharps

MINIMUM COURSE CONTENT

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

- I. Fundamentals of Clinical Medical Assisting
 - a. Infection Control
 - b. Patient Assessment
 - c. Patient Education
 - d. Nutrition and Health Promotion
 - e. Vital Signs
 - f. Assisting With the Primary Physical Examination

- II. Assisting with Medications
 - a. Principles of Pharmacology
 - b. Pharmacology Math
 - c. Administering Medications

- III. Assisting with Medical Specialties
 - a. Assisting With Medical Emergencies
 - b. Assisting in Ophthalmology & Otolaryngology
 - c. Assisting in Dermatology
 - d. Assisting in Gastroenterology
 - e. Assisting in Urology and Male Reproduction
 - f. Assisting in Obstetrics and Gynecology
 - g. Assisting in Pediatrics
 - h. Assisting in Orthopedic Medicine
 - i. Assisting in Neurology and Mental Health
 - j. Assisting in Endocrinology
 - k. Assisting in Pulmonary Medicine
 - l. Assisting in Cardiology
 - m. Assisting in Geriatrics

- IV. Diagnostic Procedures
 - a. Principles of Electrocardiography
 - b. Assisting with Diagnostic Imaging
 - c. Assisting in the Clinical Laboratory
 - d. Assisting in the Analysis of Urine
 - e. Assisting in Phlebotomy
 - f. Assisting in the Analysis of Blood
 - g. Assisting in Microbiology

- V. Assisting with Surgeries
 - a. Surgical Supplies and Instruments
 - b. Surgical Asepsis and Assisting With Surgical Procedures

STUDENT REQUIREMENTS AND METHOD OF EVALUATION

Students will be required to complete reading assignments, chapter reviews, case studies as assigned, participate in discussions with other classmates on topics determined by instructor, complete assignments and examinations of knowledge, and demonstrate skill competency.

The student must participate in all activities, as well as accurately complete assignments and examinations in order to receive a passing grade in this course. Students will be required to successfully complete competencies in the skills laboratory.

A comprehensive final examination for this course will take place during the scheduled finals week of the enrolled semester. Further details and information will be provided closer to time of exam.

GRADING SCALE

94-100%	=	A
84-93%	=	B
74-83%	=	C
64-73%	=	D
63% or less	=	F

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