

Med Assist Lab Procedures

TEMA - 1150 301

Course Description

Medical Assistant Laboratory Procedures provides instruction in phlebotomy theory and skill performance; basic concepts, safety and procedures of the clinical lab; specimen handling; performance of CLIA waived hematology/serology, microbiology, and urinalysis testing.

Semester(s): All

Course Student Learning Outcomes

- Differentiate the anatomy of venous structures essential in phlebotomy.
- Recognize legal aspects of phlebotomy.
- Distinguish equipment and supplies used to obtain blood samples.
- Successfully perform technically correct and safe venipuncture using vacutainer butterfly, and syringe techniques.
- Utilize basic concepts of clinical lab equipment and procedures.
- Practice clinical laboratory safety and QC procedures.
- Interpret and demonstrate CLIA waived testing in hematology, serology, microbiology, and urinalysis.

Course Prerequisites

None.

Transfer/Certification/Licensure/Employment Information

An SLCC Certificate is earned after successfully completing all the courses within the program (the entire training program). This type of certificate provides evidence to employers that a level of competence has been achieved.

Additionally, students take the tests for industry-standard certificates when completing specific courses intended to prepare students for those certificates (e.g., CPR, First Aid, etc.).

A national certification test must be taken before completing the Clinical Medical Assisting program, typically during the externship. Students may complete any of 3 certifications through the AMT, NCCT, or NHA. Please speak with your instructor to learn about the differences and costs associated with each.

Engagement Plan

Instructors are open and available to help you in the classroom for face-to-face interaction, through

college email or Canvas comments and messaging, Zoom, and telephone as posted within the syllabus

and the 'Home Page' in Canvas including the 'Communications Statement' (with exception of holidays

and campus closures). Feel free to reach out to us!

We will respond to email within 24 hours. The best way to contact us is via the Canvas Inbox, as we will prioritize this email over other modes of communication.

In this course we will be posting interactive announcements which will offer specific opportunities for class questions and participation in activities.

Keys for Success (how to succeed in the course)

Communication:

Instructors are open and available to help you in the classroom for face-to-face interaction, through college email or Canvas comments and messaging, Zoom, and telephone as posted within the syllabus and the 'Home Page' in Canvas including the 'Communications Statement' (with the exception of holidays and campus closures e.g. semester breaks). Feel free to reach out to us!

Clothing/Lab Dress Code:

Scrubs may be worn in the classroom, and are required in the lab area and for externship (some externship facilities have specific requirements eg. U of U Red, Black, or Navy Blue scrubs only). Closed-toe shoes are also required in the laboratory/clinical setting areas when practicing skills.

Food and Drinks:

There will be no food or drinks allowed in the computer or lab area of the classroom. A 'Break Room' with a microwave and refrigerator is available for student use.

Cellular Phone Usage:

Cellular phones will be turned to silent mode, or if they do not have a silent option, they will be turned off while in the classroom. Any phone conversation must be made outside the classroom to avoid disrupting others. Phones are not allowed at the testing stations.

Classroom Safety:

An emergency guideline and evacuation route are posted in the classroom. As you progress through the program, you will learn OSHA safety standards in a medical setting. There is a binder with Material Safety Data Sheets located in the classroom to use as a reference for an incident involving hazardous materials. Please be aware of the location of these safety guidelines.

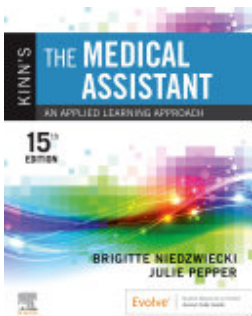
Student Responsibilities:

All students are accountable for the following:

1. Stay engaged and on task (read, watch videos, listen, take notes, ask questions, complete assignments, schedule, and complete skills)

2. Log into the LMS (Canvas - the College's learning management system) for course materials, presentations, and examinations.
3. Follow the instructor's directions AT ALL TIMES.
4. Ask the instructor for assistance after FIRST having attempted to resolve the problem themselves.
5. Complete **12-24 hours** of coursework each week for on-time course completion (based on part-time vs full-time enrollment status).

Required Text or Materials



Title: Kinn's The Medical Assistant

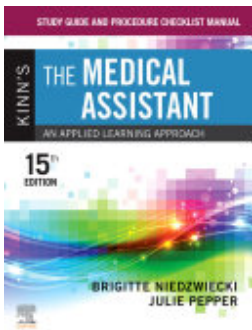
ISBN: 9780323871167

Authors: Brigitte Niedzwiecki, Julie Pepper

Publisher: Elsevier Health Sciences

Publication Date: 2022-11-20

Edition: 15th



Title: Study Guide and Procedure Checklist Manual for Kinn's The Clinical Medical Assistant

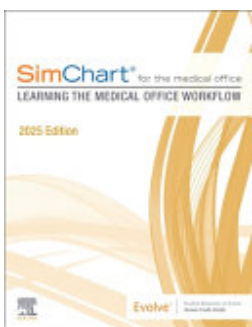
ISBN: 9780323874243

Authors: Brigitte Niedzwiecki, Julie Pepper

Publisher: Elsevier Health Sciences

Publication Date: 2022-09-06

Edition: 15th



Title: Simchart for the Medical Office: Learning the Medical Office Workflow

ISBN: 9780443348839

Authors: Elsevier Inc

Publisher: Elsevier

Publication Date: 2024-12-02

Edition: 2025 or earlier edition is acceptable

For more information on textbook accessibility, contact Accessibility & Disability Services at ads@slcc.edu.

Additional Materials

Clothing Requirements (in addition to SLCC Student policies):

- Closed toe shoes.
- Scrubs

Optional Equipment for Skills/Externship:

- Watch with second hand.
- Stethoscope
- Blood Pressure Cuff / Sphygmomanometer

Brief Description of Assignments/Exams

- Module 1-Introduction to the Clinical Laboratory
- Module 2-Urinalysis
- Module 3-Blood Collection Part 1
- Module 4-Blood Collection Part 2
- Module 5-Analysis of Blood
- Module 6-Microbiology/Immunology

Assignment Schedule

Due Date	Assignment Name	Assignment Type	Points
	Phlebotomy Practice Quiz	Quiz	0

Due Date	Assignment Name	Assignment Type	Points
	Phlebotomy Spelling Test	Quiz	100
	CBC and CMP Written Assignment	Assignment	18
	Clinical Lab Basics Performance Assessment	Assignment	50
	Clinical Laboratory Spelling Test	Quiz	100
	Collection, Transport, and Processing of Specimens- Requires Respondus LockDown Browser	Quiz	100
	Complete Laboratory Requisitions	Assignment	100
	Hazard Labels	Assignment	20
	Hematology/Serology Performance Assessment	Assignment	18
	Hematology/Serology Spelling Test	Quiz	100
	Introduce Yourself	Discussion	0
	Introduce Yourself	Discussion	0
	Introduce Yourself	Discussion	0
	Introduce Yourself	Discussion	0
	Kinn's Chapter 46 Practice Quiz	Quiz	10

Due Date	Assignment Name	Assignment Type	Points
	Kinn's Chapter 47 Practice Quiz	Quiz	10
	Kinn's Chapter 48 Practice Quiz	Quiz	10
	Kinn's Chapter 49 Practice Quiz	Quiz	10
	Kinn's Chapter 50 Practice Quiz	Quiz	10
	Microbiology/Immunology Performance Assessment	Assignment	12
	Newborn Screening in Class	Assignment	10
	Order of Tube Draw	Assignment	25
	Parts of a Venipuncture Assembly	Quiz	20
	Patient Screening - Urinalysis	Assignment	20
	Perform a Culture With an Agar Plate	Assignment	100
	Phlebotomy Summative Performance Assessment	Assignment	12
	Prepare a Direct Smear and Gram Stain	Assignment	100

Due Date	Assignment Name	Assignment Type	Points
	Procedure 46.1: Perform a Quality Control Measure on a Glucometer,- Procedure 48.6 Perform Blood Glucose Testing, and Document Results	Assignment	10
	Procedure 46.2 Perform an Emergency Eyewash	Assignment	20
	Procedure 46.4: Perform Routine Maintenance on a Microscope	Assignment	20
	Procedure 47.1: Instruct a Patient in the Collection of a 24- Hour Urine Specimen	Assignment	20
	Procedure 47.2: Instruct Patient Clean Catch Urine	Assignment	20
	Procedure 47.3: Assess Urine for Color and Turbidity: Physical test	Assignment	20
	Procedure 47.5: Test Urine with Chemical Reagent Strips: Chemical test	Assignment	20

Due Date	Assignment Name	Assignment Type	Points
	Procedure 47.6: Prepare a Urine Specimen for Microscopic Examination	Assignment	20
	Procedure 47.7: Perform a CLIA- Waived Urinalysis: Perform a Pregnancy Test (HCG).	Assignment	20
	Procedure 48.1: Collect Venous Blood Sample - Vacuum Tube Double plus Processing.	Assignment	50
	Procedure 48.1: Collect Venous Blood Sample - Vacuum Tube Single	Assignment	20
	Procedure 48.2: Collect Venous Blood Sample - Syringe	Assignment	50
	Procedure 48.3: Collect Venous Blood Sample - Winged Butterfly Needle	Assignment	50
	Procedure 49.1 Erythroctye Sedimentation Rate (Westergren ESR).	Assignment	10

Due Date	Assignment Name	Assignment Type	Points
	Procedure 49.3: Perform Microhematocrit	Assignment	10
	Procedure 49.5: Perform Hemoglobin Test	Assignment	10
	Procedure 50.1: Fecal Ova and Parasite (O&P).	Assignment	10
	Procedure 50.4: Perform a CLIA- Waived Microbiology Test: Perform a Rapid Strep Test	Assignment	10
	Procedure 50.5: Perform a CLIA- Waived Immunology Test: Perform the Infectious Mononucleosis Test	Assignment	20
	Safety Data Sheets	Assignment	100
	Summative Objective Assessment 1A - Requires Respondus LockDown Browser	Quiz	100
	Summative Objective Assessment 2A- Requires Respondus LockDown Browser	Quiz	100

Due Date	Assignment Name	Assignment Type	Points
	Summative Objective Assessment 3A- Requires Respondus LockDown Browser	Quiz	100
	Testing for Influenza	Assignment	100
	Urinalysis Performance Assessment	Assignment	18
	Urinalysis Spelling Test	Quiz	100

Grading Scale

SLTC Grading System

A = 100-90% → Excellent / Mastery

Consistently exceeds expectations, very few errors.

B = 89-78% → Satisfactory / Competent

Meets expectations; minor errors but overall skill is demonstrated.

E = Below 78% → Emerging / Needs Improvement

Does not yet meet expectations; needs more practice before reassessment

Mastery of competency in this competency-based program is demonstrated when you successfully complete the learning objectives and competencies within the coursework as defined. All components of the course must be mastered before moving forward. It is expected that each course be completed within the published course hours. At the end of your coursework, you will be rated according to the grading scale noted above based on your demonstrated ability of the course's established competencies. Additionally, you can

earn credit for a course through Curriculum Exceptions or Credit for Prior Learning (CPL) by showing proof of previously completed course work.

Academic Integrity

PLAGIARISM: Students are expected to reference all sources of information. Any plagiarism will result

in failure of the assignment and possible failure of the course. The information must not be copied from

other student's work, textbook or internet sources.

Please refer to the SLCC Intuitionl Syllabus for additional college information

How to Navigate to Canvas

Institutional Policies

As members of our academic community, we would like to invite you to review the Institutional Syllabus which covers important policies and procedures. This document contains important links for students on the code of student rights and responsibilities, academic integrity, and grading policies, Title IX and other important acknowledgements. By familiarizing yourself with this information, you can help us create a safe and respectful environment for everyone.

For more information, navigate to the Institutional Policies tab on the [Institutional Syllabus](#) page.

Learning Support and Tutoring Services

We are pleased to offer a range of tutoring and learning support services to help you achieve your academic goals. Whether you need assistance with a specific subject or want to improve your study skills, you have many options for tutoring or other support.

To learn more about the services we offer and how to access them, visit the [Institutional Syllabus](#) page under the Tutoring and Learning Support tab. We encourage you to take advantage of these resources to help you succeed in your studies. If you have any questions or would like to schedule a tutoring session, please don't hesitate to reach out to us. We are here to support you in any way we can.

[Advising and Counseling Support Services](#)

At our institution, we are committed to supporting your academic and personal growth. That's why we offer a range of advising and counseling services to help you navigate the challenges of college life. To learn more about the resources available to you and how to access them, visit the [Institutional Syllabus](#) page under the Advising and Counseling Support Services tab. Our advising team and the support centers across campus are here to support you in achieving your goals and overcoming any obstacles you may face.

[Student Academic Calendar](#)

As students you should be aware of all important dates in the semester, such as the day that courses begin and end, as well as the drop date and the last day to withdraw. To learn more about those dates, navigate to the Student Academic Calendar below:

[SLCC Student Academic Calendar](#)