



STARK STATE COLLEGE

GENERAL SYLLABUS

Course Information

Course Name: Medical Laboratory Procedures for Medical Assisting
Course Number: MAT200

Required Materials

Textbook(s): Bonewit-West, K., Hunt, S., & Applegate, E. (2020). *Today's medical assistant: Clinical & administrative procedures* (4th ed.). Saunders.

Mosby. (2017). *Mosby's drug reference for health professions* (6th ed.). Elsevier.
(Utilized for assignments)

Required Readings: See below.

Additional Materials: Medical Laboratory Procedures Supplemental/Competency Manual Packet- to be purchased from the college bookstore.
Lab Supply Packet- to be purchased from the bookstore.
Exam gloves for lab. Students may purchase at the college bookstore or any outside vendor they choose.

Mandatory uniform/equipment for each lab session: Lab coat, scrubs, athletic shoes, exam gloves, aneroid sphygmomanometer, stethoscope, a watch with a second hand, small packet notebook and black ink pen.

Course Outline/Calendar

The date of coverage and order of coverage may be modified based on the faculty member and events beyond the control of faculty members that interfere with class times and teaching.

Week 1	Demo EKG & Apical; Chapter 29 Introduction to the Clinical Lab; (<i>Today's Medical Assistant: Clinical & Administrative Procedures</i>) Chapter 27 Cardiopulmonary Procedures (<i>Today's Medical Assistant: Clinical & Administrative Procedures</i>).
---------------	---

Week 2	DEMO: Spirometry; Chapter 27 Pulmonary Function Tests (<i>Today's Medical Assistant: Clinical & Administrative Procedures</i>).
Week 3	NEBULIZER DEMONSTRATION; Chapter 34 Medical Microbiology (<i>Today's Medical Assistant: Clinical & Administrative Procedures</i>) DEMO: Throat Culture.
Week 4	CLIA PROJECT ASSIGNED.
Week 5	PT/INR and Capillary Puncture – Chapter 32 Hematology -; (<i>Today's Medical Assistant: Clinical & Administrative Procedures</i>) DEMO: PT/INR.
Week 6	Chapter 15 Urinary System – (<i>Today's Medical Assistant: Clinical & Administrative Procedures</i>) DEMO: U/A-PC; ch 30 Urinalysis – pages 777-804
Week 7	TEST OUTS ON PT/INR; Practice U/A-PC.
WEEK 8	DEMO: Hematocrit (HCT); Chapter 32 Hematology - (<i>Today's Medical Assistant: Clinical & Administrative Procedures</i>)
Week 9	DEMO: Thyroid Skill; 24 hr Urine Collection/Pregnancy Test/Wound Culture.
Week 10	Catch up day if needed; COMPREHENSIVE FINAL EXAM.