

Course Outline

This course provides an introduction to the program and roles and responsibilities of Medical Laboratory Assistant (MLA). It also includes the theory component of the collection of blood specimens by venipuncture and skin puncture.

Learning Outcomes

At the end of the course the student will be able to:

1. Describe roles and responsibilities of Medical Laboratory Assistant in public and private sector.
2. Describe the correct procedures and techniques for collection of blood including preparation and instruction of patients; care of patients before, during and after procedure, and conditions and complications which may arise.

Required Materials

Phlebotomy Essentials (6th Edition), McCall, Tankersley

The student is responsible for **all** material in Chapters 1,7, 8, 9 and 10, **except** for the following pages and or tables:

OMIT:

- 14-20 (up to organization of hospital services)
- Table 1-8,1-9,1-10, 1-11,1-12,1-13, and 1-14
- 318 (preparing blood smear)-322

References

1. *Phlebotomy Essentials (6th Edition)*, McCall, Tankersley
2. *Procedures for the collection of diagnostic blood specimens by venipuncture: Clinical and Laboratory Standards Institute: Approved standard-sixth edition*, Vol. 27 H3-A6
3. *Procedures and devices for the collection of diagnostic capillary blood specimens: Clinical and Laboratory Standards Institute; Approved standard-sixth edition*, Vol. 28 H04-A6
4. Hopkinsmedicine.org
5. BD Product inserts information and brochure.

Evaluation of Learning - Please refer to the course calendar for the dates.

Quiz #1	5%
Mid-term Exam	40%
Quiz #2	5%
Final Exam	50%

Passing Grade

The passing grade for Introduction to Phlebotomy course is 65 % (C+).

