





SEQUENCE OF TOPICS:

1. Platelet Counts
2. PT, APTT
3. Bleeding Times
4. D-Dimers, Fibrinogen
5. Reticulocytes, Instrument Introduction
6. Tour of Clinical Laboratory, Instrumentation
7. Osmotic Fragility, Sickle Screen, ESR
8. Normal Differential Counts
9. Abnormal Differential Counts
10. Demonstration Slide Stations

LEARNING MATERIALS:

Textbooks and Required Materials:

Carr and Rodak. (2016). *Clinical Hematology Atlas* (5<sup>th</sup> ed.). Elsevier.

Estridge and Reynolds. (2012). *Basic Medical Laboratory Techniques* (6<sup>th</sup> ed.). Thomson Delmar Learning.

Turgeon, M. (2018). *Clinical Hematology* (6<sup>th</sup> ed.). Lippincott.

Laboratory Manual (Provided by Instructor)

Other learning materials may be required and made available directly to the student and/or via the \_\_\_\_\_ and/or course management system.

COURSE APPROVAL:

Reapproved by: Bradley Gottfried Date: 12/3/1998

Prepared by: John C. Flynn, Jr. Date: 8/1998

Revised by: Debra Lynn Eckman, M.S., MT (ASCP) Date: 1/2009

VPAA/Provost Compliance Verification: Dr. John C. Flynn, Jr. Date: 9/11/2009

Revised by: Debra Lynn Eckman, M.S., MT (ASCP) Date: 10/2012

VPAA/Provost or designee Compliance Verification: Victoria L. Bastecki-Perez, Ed.D. Date: 11/5/2012

Revised by: Debra Lynn Eckman, M.S., MT (ASCP) Date: 9/2014

VPAA/Provost or designee Compliance Verification: Victoria L. Bastecki-Perez, Ed.D. Date: 9/25/2014

Revised by: Debra Lynn Eckman, M.S., MT (ASCP) Date: 10/13/2017

VPAA/Provost or designee Compliance Verification: Date: 11/13/2017



*This course is consistent with Montgomery County Community College's mission. It was developed, approved and will be delivered in full compliance with the policies and procedures established by the College.*