## Phlebotomy for Health Care Providers AHS 141 Summer

## 2015

\*Subject to Change\*

| Chapter | Date | Lecture | Lab/ Clinical |
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| 1 & 2 | Week 1May 18-24 | **Required textbook reading:** Chapter 1: Phlebotomy Practice and Quality Assessments Basics**Lecture Topics and Activities:*** Review Syllabus
* Course Overview
* Members of the Healthcare Team and Phlebotomy Duties Services
* Professional Competencies/Certifications
* Professional Appearance and Personal Health
* Communication Strategies
* Quality Assessment

**Group Activity and Discussion:****View supplemental resources on D2L** | Lab-12:45pm-5:20pm:Simulation Technician-Practice to Mastery* Introduction to the Phlebotomy Lab
* Lab Guidelines
* Group Activities
 |
|  |  | **Required textbook reading:**Chapter 2: Ethical, Legal, and Regulatory Issues**Lecture Topics and Activities:*** Ethics and Law as Healthcare Providers
* Basic Legal Issues
* Medical records
* HIPAA
* Clinical Laboratory Improvement Amendments( CLIA)

**Group Activity and Discussion: View supplemental resources on D2L (HIPAA)** |  |
|  |  | **Test 1** |  |
| 3, 4, & 5 | Week 2 May 25- 31 | **Required textbook reading:**Chapter 3: Basic Medical Terminology, the Human Body, and the Cardiovascular System**Lecture Topics and Activities:*** Medical Terminology
* The Human Body
* Cardiovascular System
* Hemostasis and Coagulation

**Required textbook reading:**Chapter 4: Safety and Infection Control**Lecture Topics and Activities:*** Personal Safety and Infection Control
* Chain of Infection
* Standard Precautions
* Patient Safety

**Required textbook reading:**Chapter 5: Documentation, Specimen Handling, and Transportation:**Lecture Topics and Activities:*** Documentation Basics
* Laboratory Test and Labels
* Specimen Labels and Blood Collection Lists
* Specimen Handling and Transport
* Specimen Delivery Methods
* Specimen Storage
* Sample Rejection

**Group Activity and Class Discussion: View supplemental resources on D2L** | Lab-12:45pm-5:20pmReview and Practice Phlebotomy Skills:* Procedure 4-1: Hand washing
* Procedure 4-2: Donning and Removing Gloves
* Procedure 4-3: Gowning, Masking and Gloving
* Procedure 4-4: Removal of isolation gown, mask and gloves
* Procedure 4-5: Disposal of contaminated items

Peer to Peer Phlebotomy Practice Skills |
|  | May 25 | **NO Classes- Memorial Day** |  |
|  |  | **Test 2** |  |
| 6, 7, & 8 | Week 3June 8-14 | **Required textbook reading:**Chapter 6: Blood Collection Equipment**Lecture Topics and Activities:*** Introduction to Blood Collection Equipment
* Venipuncture Equipment

**Required textbook reading:**Chapter 7: Pre-examination/Pre-analytical Complications**Lecture Topics and Activities:*** Pre-analytical Variables
* Test Request and Identification Complications
* Specimen Complications

**Required textbook reading:** Chapter 8: Venipuncture Procedures **Lecture Topics and Activities:*** Blood Collection Process
* Standard precautions
* Venipuncture procedures

**View Venipuncture video on D2L** **Group Activity and Class Discussions** | Lab-12:45pm-5:20pm Practice Phlebotomy Skills:* Procedure 8-3: Use of the Tourniquet
* Procedure 8-4 Cleansing the puncture site
* Procedure 8-5: Performing a venipuncture
* Procedure 8-6: Syringe Method
* Procedure 8-7:

Leaving the PatientPeer to Peer Phlebotomy Practice Skills |
|  |  | **Test 3** |  |
| 9 & 10 | Week 4June 8-14 | **Required textbook reading:**Chapter 9-Capillary Blood Specimens**Lecture Topics and Activities:*** Capillary Blood Specimens
* Proper Location for skin puncture procedure
* Depth of incision
* Blood smear

**View Supplemental Learning Resources on D2L****Group Activities and Class Discussions:** | Lab- 12:45 pm - 5:20 pm Practice Phlebotomy Skills:* Procedure 9-1: Basic Skin Puncture for Capillary Blood Collection
* Procedures 10-1: Heelstick Procedure

Preparation for Clinical RotationPeer to Peer PhlebotomyPractice Skills |
| 11 | Week 5June 15-21 | **Required textbook reading:** Chapter 11: Special Collections **Lecture Topics and Activities:*** Blood culture collection
* Point- of- care testing
* Quality assurance
* Glucose Testing/Glucose Tolerance Tests
* Cannulas and Fistulas
* Arterial blood gases
* Urine specimens
* Therapeutic

**Additional Supplemental Resources on D2L****Group Activity and Class Discussions** | Lab- 12:45 pm -5:20 pm Practice Phlebotomy Skills:* Procedure 11-1: Site preparation for Blood Cultures
* Procedure 11-2: Safety Syringes
* Procedure 11-3: Safety Butterfly Assembly
* Procedure 11-4: Evacuated Tube System
* Procedure 11-5: After Blood Collection By the previous Method
* Procedure 11-6: Obtaining Blood Specimens for Glucose Testing

Peer to Peer Phlebotomy Skills PracticePreparation for ClinicalRotation |
|  |  | **Test 4** |  |
|  | June 22-26 | **Clinical Begins** | **Assigned Clinical Site** |
|  | June 29-July 3 | **Summer Break- No classes** |  |
|  | July 6-10 | **Clinical Rotation** | **Assigned Clinical Site** |
|  | July 13-17 | **Clinical Rotation** | **Assigned Clinical Site** |
|  | July 20-24 | **Clinical Rotation** | **Assigned Clinical Site** |
|  | July 27-30 | **Final Exam** | **July 28, 2015 (Tuesday)** |

PLEASE NOTE: Should change become necessary, the instructor reserves the right to adjust the requirements, pace, or scheduling of this course. Any change will be announced in class before it becomes effective.

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