## Phlebotomy for Health Care Providers AHS 141 Summer

## 2015

\*Subject to Change\*

| Chapter | Date | Lecture | Lab/ Clinical |
| --- | --- | --- | --- |
| 1 & 2 | Week 1  May 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-5:20pm  Review 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 3  June 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 Patient  Peer to Peer Phlebotomy Practice Skills |
|  |  | **Test 3** |  |
| 9 & 10 | Week 4  June 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 Rotation  Peer to Peer Phlebotomy  Practice Skills |
| 11 | Week 5  June 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 Practice  Preparation for Clinical  Rotation |
|  |  | **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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