



El Camino College
COURSE OUTLINE OF RECORD – Official

Subject:	ALH
Course Number:	505
Descriptive Title:	Phlebotomy Clinical Practicum
Division:	Health Sciences and Athletics
Department:	Allied Health
Course Disciplines:	Health, Health Care Ancillaries
Catalog Description:	In this noncredit course, students will be placed in a clinical setting in order to complete a minimum of 60 hours of clinical training. Students will complete a minimum of 10 skin punctures and 50 venipunctures that fulfill all sampling requirements as set forth by the California Department of Health. Students must complete a minimum of 60 hours of verified, supervised field experience and meet the required competencies through actual on-the-job performance. Students will practice skills learned in Allied Health 504.
Prerequisite:	Allied Health 504
Co-requisite:	
Recommended Preparation:	
Enrollment Limitation:	
Hours Lecture (per week):	0
Hours Laboratory (per week):	3.3
Outside Study Hours:	0
Total Course Hours:	60
Course Units:	0
Grading Method:	Pass/No Pass/SP
Credit Status:	Noncredit
Transfer CSU:	No
Effective Date:	
Transfer UC:	No
Effective Date:	
General Education ECC:	
Term:	
Other:	
CSU GE:	
Term:	
Other:	
IGETC:	
Term:	

Other:	
Student Learning Outcomes:	<p>Upon successful completion of the course, the student should be able to:</p> <ol style="list-style-type: none"> 1. perform a minimum of 10 skin punctures. 2. successfully complete a minimum 50 venipunctures. 3. explain arterial draws.
Course Objectives:	<ol style="list-style-type: none"> 1. Select blood collection equipment appropriate to test requisition 2. Prepare the client for proper testing procedures using proper infection control guidelines 3. Demonstrate venipunctures and skin punctures for testing purposes from the following: healthy clients; clients with acute illness; clients with chronic illness; clients of all ages; clients of varying cultural backgrounds; and clients with varying diseases and disorders 4. Demonstrate post-puncture care procedures 5. Apply appropriate blood processing techniques, including centrifugation 6. Demonstrate proper disposal of needles, sharps, and medical waste
Major Topics:	<ol style="list-style-type: none"> I. Management of client care (15 hours, lab) <ol style="list-style-type: none"> A. Interacting with clients B. Practicing appropriate communication skills C. Properly identifying clients D. Screening clients for specific testing requirements E. Use medical terminology II. Blood collection equipment, additives, and order of draw (15 hours, lab) <ol style="list-style-type: none"> A. Assembling collection equipment and supplies B. Matching blood collection additives to lab orders C. Drawing tubes according to prescribed order of draw D. Capillary puncture equipment and procedures <ol style="list-style-type: none"> 1. Assembling capillary puncture equipment 2. Following capillary puncture procedure E. Venipuncture procedures <ol style="list-style-type: none"> 1. Assembling venipuncture equipment 2. Following venipuncture procedures for vacutube, butterfly, and syringe F. Taking corrective action for inability to collect specimens III. Blood cultures (15 hours, lab) <ol style="list-style-type: none"> A. Assembling blood culture equipment B. Following blood culture collection procedures C. Non-blood specimens and tests D. Assembling nonblood specimen collection equipment E. Following nonblood body-fluid specimen collection procedures F. Infection control <ol style="list-style-type: none"> 1. Taking steps to break chain of Infection 2. Practicing infection control methods 3. Needle stick safety and prevention 4. Initiating first aid for hemorrhage and shock IV. Quality assurance and legal issues in healthcare (15 hours, lab) <ol style="list-style-type: none"> A. Documentation B. Obtaining client consent C. Managing reference ranges by recognizing critical ranges D. Specimen handling and processing E. Arterial puncture procedures (observation)

	<ol style="list-style-type: none"> 1. Identifying personnel who perform Arterial Blood Gases (ABGs) 2. Observing site-selection 3. Observing ABG specimen collection process
Total Lecture Hours:	0
Total Laboratory Hours:	60
Total Hours:	60
Primary Method of Evaluation:	3) Skills demonstration
Typical Assignment Using Primary Method of Evaluation:	Demonstrate the proper disposal of a needle.
Critical Thinking Assignment 1:	Select blood collection equipment appropriate to test requisition.
Critical Thinking Assignment 2:	Demonstrate post-puncture care procedures.
Other Evaluation Methods:	Clinical Evaluation, Performance Exams
If Other:	
Instructional Methods:	Demonstration, Discussion, Lab, Role play/simulation
If other:	
Work Outside of Class:	Course is lab only - minimum required hours satisfied by scheduled lab time
If Other:	
Up-To-Date Representative Texts:	<ol style="list-style-type: none"> 1. Hoeltke, L.B. <i>The Complete Textbook of Phlebotomy</i>. 5th ed. Thompson Delmar Learning, 2017. (Discipline Standard) 2. McCall, R.E., Tankersley, C.M. <i>Phlebotomy Essentials</i>. 6th ed. Lippincott Williams & Wilkins, 2016. (Discipline Standard) 3. Opret, Edu. <i>Phlebotomy Technician Textbook</i>. McGill Education, 2016. (Discipline Standard)
Alternative Texts:	
Required Supplementary Readings:	
Other Required Materials:	
Requisite	Prerequisite
Category	sequential
Requisite course:	Allied Health 504
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	<p>Explain principles and practices used in collecting laboratory specimens for analysis. Upon successful completion of this course, the student will be able to:</p> <ol style="list-style-type: none"> 1. Describe the steps a phlebotomist should take in preparing for a procedure. 2. List the supplies and equipment used in a typical procedure. 3. Describe the detailed steps in the patient identification process and what to do if information is missing. 4. Define complete patient identification procedures. 5. Demonstrate correct procedure for indentifying a patient.

	<p>Describe possible complications of venipunctures and identify appropriate interventions to prevent or manage selected complications. By the end of this course, students will be able to identify and explain potential issues that may arise during venipunctures and implement effective strategies to prevent or address these complications, ensuring patient well-being and high-quality care.</p> <p>Identify high risk and other special patient populations and describe mechanisms to prevent and treat possible complications, including modifications of site selection and techniques. By the end of this course, students will be able to identify high-risk and special patient populations, and describe strategies to prevent and treat potential complications, including the adaptation of site selection and techniques.</p> <p>Obtaining venipunctures and dermapuncture. By the end of this course, students will be proficient in performing venipunctures and dermapunctures, demonstrating accurate technique and ensuring patient comfort and safety.</p> <p>Selecting appropriate sites and equipment. By the end of this course, students will be able to select appropriate venipuncture sites and choose the correct equipment, ensuring efficient and safe blood collection procedures.</p>
Requisite Skill:	
Requisite Skill and Matching skill(s): Bold the requisite skill(s). if applicable	
Requisite course:	
Requisite and Matching skill(s): Bold the requisite skill. List the corresponding course objective under each skill(s).	
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Enrollment Limitations and Category:	
Enrollment Limitations Impact:	
Course Created by:	Matthew Kline
Date:	02/20/2024
Original Board Approval Date:	03/24/2025
Effective Term:	FALL 2025