

Course Outline of Record

1. Course Code: HS-083A
2.
  - a. Long Course Title: Basic Phlebotomy
  - b. Short Course Title: BASIC PHLEBOTOMY
3.
  - a. Catalog Course Description:  
 The course will prepare students to perform basic blood collection methods using appropriate techniques. Through lecture and lab experiences, students will receive training in basic infection prevention, proper patient identification, proper labeling of specimens, and quality assurance. Students will be taught specimen handling, and processing.
  - b. Class Schedule Course Description:  
 The course will prepare students to perform basic blood collection methods using appropriate techniques. Students will be taught specimen collection, handling, and processing.
  - c. Semester Cycle (if applicable): Spring
  - d. Name of Approved Program(s):
    - HEALTH SCIENCE AS Degree and Transfer Preparation
4. Total Units: 1.50      Total Semester Hrs: 45.00  
 Lecture Units: 1      Semester Lecture Hrs: 18.00  
 Lab Units: 0.5      Semester Lab Hrs: 27.00  
 Class Size Maximum: 20      Allow Audit: No  
 Repeatability No Repeats Allowed  
 Justification 0
5. Prerequisite or Corequisite Courses or Advisories:  
*Course with requisite(s) and/or advisory is required to complete Content Review Matrix (CCForm1-A)*  
 Prerequisite: HS 064
6. Textbooks, Required Reading or Software: (List in APA or MLA format.)
  - a. Tankersley, C., McCall, R. (2012). *Phlebotomy Essentials* (5th/e). Philadelphia Lippincott. ISBN: 1397160547637  
 College Level: No  
 Flesch-Kincaid reading level: 10
7. Entrance Skills: *Before entering the course students must be able:*
  - a.  
 Communicating with clients while meeting the clients' psychosocial needs
    - HS 064 - Assist with meeting clients' psychosocial and spiritual needs including those of dying clients and their families.
  - b.  
 Demonstrate competence in performing basic treatments such as positioning, dry dressings, while maintaining aseptic technique.
    - HS 064 - Demonstrate competence in performing basic treatments such as positioning, range of motion exercises, dry dressings, enemas, and non-medicine containing suppositories.
8. Course Content and Scope:

Lecture:

The role of the phlebotomy technician in the health care delivery system.  
Basic anatomy and physiology of the circulatory system.  
Locations on the human body appropriate for venipuncture collection.  
Standard precautions and its principles to all procedures.  
Equipment used in phlebotomy.  
The role of quality assurance in the practice of phlebotomy  
Potential risks and complications of the venipuncture procedure and sources of specimen error

Lab: (if the "Lab Hours" is greater than zero this is required)

Practice the use of medical terminology relating to the circulatory system. Prepare basic blood specimens for the laboratory,  
Perform venipuncture by sterile needle and syringe, butterfly or the vacuum method.  
Demonstrate proper bedside manner and how to prepare the client for venipuncture collection.  
Identify locations on the human body appropriate for basic venipuncture collection  
Demonstrate how to dispense blood into tubes following syringe collection.  
Perform skin punctures to obtain capillary blood specimens.  
Outline post-puncture care of the client.

9. Course Student Learning Outcomes:

1.

Demonstrate safe phlebotomy practices for the collection and preparation of Basic blood specimens.

2.

Explain the role of the phlebotomy technician in the health care delivery system and the health regulatory standards guiding the practice.

10. Course Objectives: *Upon completion of this course, students will be able to:*

- a. Explain basic anatomy and physiology of the circulatory system.
- b. Explain the role of the phlebotomy technician in the health care delivery system.
- c. Define "standard precautions" and apply its principles to all procedures.
- d. Practice the use of medical terminology relating to the circulatory system.
- e. List methods of client and specimen identification.
- f. Describe proper bedside manner and how to prepare the client for venipuncture collection.
- g. Identify locations on the human body appropriate for venipuncture collection.
- h. List the different colors used to code blood specimens and what they stand for.
- i. Perform venipuncture by sterile needle and syringe, butterfly or the vacuum method.
- j. Demonstrate how to dispense blood into tubes following syringe collection.
- k. Perform skin punctures to obtain capillary blood specimens.
- l. Outline post-puncture care of the client.
- m. Prepare basic blood specimens for the laboratory.

11. Methods of Instruction: *(Integration: Elements should validate parallel course outline elements)*

- a. Discussion
- b. Laboratory
- c. Lecture

12. Assignments: *(List samples of specific activities/assignments students are expected to complete both in and outside of class.)*

In Class Hours: 45.00

Outside Class Hours: 36.00

# HS 083A -Basic Phlebotomy

## a. In-class Assignments

Lecture on the following topics with:  
Discussion on the phlebotomy technician role in the health care delivery system  
Review of basic anatomy and physiology of the circulatory system  
Lecture on standard precautions and its principles to all procedures.

In lab practice:

Use of equipment used in phlebotomy  
Locations on the human body appropriate for venipuncture collection  
demonstrating standard precautions and its principles to all procedures

## b. Out-of-class Assignments

Reading assignment from text  
Practice locating on the human body sites appropriate for venipuncture collection  
Complete take home assignments

13. Methods of Evaluating Student Progress: *The student will demonstrate proficiency by:*

- Laboratory projects
  - Presentations/student demonstration observations
  - True/false/multiple choice examinations
  - Mid-term and final evaluations
- Final Exam

14. Methods of Evaluating: Additional Assessment Information:

15. Need/Purpose/Rationale -- *All courses must meet one or more CCC missions.*

PO - Career and Technical Education

Apply critical thinking skills to execute daily duties in their area of employment.

Display the skills and aptitude necessary to pass certification exams in their field.

IO - Personal and Professional Development

Self-evaluate knowledge, skills, and abilities.

Develop realistic goals.

Display habits of intellectual exploration, personal responsibility, and physical well being.

Demonstrate an understanding of ethical issues to make sound judgments and decisions.

Value diverse cultures and populations.

Value the feedback of others.

16. Comparable Transfer Course

<b>University System</b>	<b>Campus</b>	<b>Course Number</b>	<b>Course Title</b>	<b>Catalog Year</b>
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17. Special Materials and/or Equipment Required of Students:

Lab kit:  
Lab Tote  
Box of gloves  
  
Gown, masks, Cap, Booties  
Alcohol pads  
Tube holder and transfer kits  
Blood tubes.  
Blood culture tube  
Specimen cup

Sterile Urine cup.

18. Materials Fees:  Required Material?

**Material or Item**

**Cost Per Unit**

**Total Cost**

19. Provide Reasons for the Substantial Modifications or New Course:

2-year periodic review.

20. a. Cross-Listed Course (Enter Course Code): N/A  
 b. Replacement Course (Enter original Course Code): HS-083

21. Grading Method (choose one): Letter Grade Only

22. MIS Course Data Elements

- a. Course Control Number [CB00]: CCC000560570
- b. T.O.P. Code [CB03]: 129900.00 - Other Health Occupations
- c. Credit Status [CB04]: D - Credit - Degree Applicable
- d. Course Transfer Status [CB05]: C = Non-Transferable
- e. Basic Skills Status [CB08]: 2N = Not basic skills course
- f. Vocational Status [CB09]: Clearly Occupational
- g. Course Classification [CB11]: Y - Credit Course
- h. Special Class Status [CB13]: N - Not Special
- i. Course CAN Code [CB14]: N/A
- j. Course Prior to College Level [CB21]: Y = Not Applicable
- k. Course Noncredit Category [CB22]: Y - Not Applicable
- l. Funding Agency Category [CB23]: Y = Not Applicable
- m. Program Status [CB24]: 2 = Stand-alone

Name of Approved Program (if program-applicable): HEALTH SCIENCE

*Attach listings of Degree and/or Certificate Programs showing this course as a required or a restricted elective.)*

23. Enrollment - Estimate Enrollment

First Year: 20  
 Third Year: 40

24. Resources - Faculty - Discipline and Other Qualifications:

- a. Sufficient Faculty Resources: Yes
- b. If No, list number of FTE needed to offer this course: N/A

25. Additional Equipment and/or Supplies Needed and Source of Funding.

N/A

26. Additional Construction or Modification of Existing Classroom Space Needed. (Explain:)

N/A

27. FOR NEW OR SUBSTANTIALLY MODIFIED COURSES

Library and/or Learning Resources Present in the Collection are Sufficient to Meet the Need of the Students Enrolled in the Course: Yes

This course is a modification of an already existing course no new library material is needed.

28. Originator Monica Camargo Origination Date 03/02/17