

**Course Outcomes Guide  
Spring 2014**

**Course/Program Title: PLB 106 Phlebotomy Externship**

**Date: 5/14/14 Academic Year 2013-14, (SU13, FA13, SP14 semesters)**

**Course/Program Team: Melanie Rowland, Kelly Weicht**

**Expected Learning Outcomes:**

1. Integrate knowledge of culture, values, and belief systems when performing phlebotomy procedures.
2. Demonstrate competency by successfully completing 125 venipuncture procedures and several dermal punctures
3. Demonstrate familiarity with standard precautions, isolation procedures, needlestick safety, and quality assurance procedures.
4. Demonstrate ability to professionally utilize appropriate oral, written, and electronic communication skills.
5. Demonstrate ability to adjust to unexpected events that can arise during blood specimen collections while adhering to safety and quality guidelines.
6. Demonstrate knowledge of legal, regulatory, and procedural guidelines for maintaining patient confidentiality and insuring safe blood collections from various sources through the use of approved collection techniques

**Assessment**

Course Completion: Number passing at 75% or higher

Course Outcomes: Externship site evaluation by site supervisor

- |      |                                                                  |                                            |
|------|------------------------------------------------------------------|--------------------------------------------|
| CO 1 | Interpersonal Skills competency 46:                              | (Understands and applies patient rights)   |
| CO 1 | Blood Collection competency 62:                                  | (Recognizes unusual patient circumstances) |
| CO 2 | Documentation supports a minimum of 125 successful venipunctures |                                            |
| CO 3 | Blood Collection competency 52:                                  | (Hand washing between patients)            |
| CO 3 | Blood Collection competency 53:                                  | (Wearing of gloves)                        |
| CO 3 | Blood Collection competency 61:                                  | (Disposal of needles)                      |
| CO 4 | Professional competency 43:                                      | (Exhibits professionalism)                 |
| CO 4 | Interpersonal Skill/Communication competency 48:                 | (Professional written communication)       |
| CO 4 | Infection Control and Safety competency 68:                      | (Use of computer in specimen processing)   |
| CO 5 | Blood Collection competency 49:                                  | (Recognizes equipment to be used)          |
| CO 5 | Blood Collection competency 50:                                  | (Selects correct venipuncture tubes)       |
| CO 5 | Blood Collection competency 60:                                  | (Recognizes when to reject specimens)      |
| CO 6 | Professional competency 36:                                      | (Maintains Confidentiality)                |
| CO 6 | Interpersonal Skill/Communication competency 45:                 | (Information gathering)                    |
| CO 6 | Blood Collection competency 51:                                  | (Identifies patient prior to collection)   |

## Validation

Completion of course with an average grade of 75% or higher.

Completion of the course site competencies with a score of 75% or higher

## Results

### Course Completion:

96 % (47/49 students) completed the course with a grade of 75% or higher  
4% ( 2/49 students) completed the course with a grade less than 75%. These were walk away “F” grades.

### Course Outcomes:

CO 1	Interpersonal Skills competency 46:	100%
CO 1	Blood Collection competency 62:	100%
CO 2	Documentation supports a minimum of 125 successful venipunctures	100%
CO 3	Blood Collection competency 52:	100%
CO 3	Blood Collection competency 53:	100%
CO 3	Blood Collection competency 61:	100%
CO 4	Professional competency 43:	98%
CO 4	Interpersonal Skill/Communication competency 48:	100%
CO 4	Infection Control and Safety competency 68:	100%
CO 5	Blood Collection competency 49:	100%
CO 5	Blood Collection competency 50:	100%
CO 5	Blood Collection competency 60:	100%
CO 6	Professional competency 36:	100%
CO 6	Interpersonal Skill/Communication competency 45:	100%
CO 6	Blood Collection competency 51:	100%

## Follow-up

Instructors will continue to encourage students to administratively withdraw instead of walking away and accepting a grade of “F”.

No additional follow up determined to be required.