

Course Outcomes Guide

Course/Program Title: PLB 105 Phlebotomy

Date: SP 18

Course/Program Team: Kelly Weicht

Expected Learning Outcomes:

1. Demonstrate knowledge of culture, values, and belief systems when performing phlebotomy procedures.
2. Demonstrate competency by achieving a minimum score of 80% for each required phlebotomy competency.
3. Describe standard precautions, isolation procedures, needlestick safety, and quality assurance procedures.
4. Demonstrate ability to professionally utilize appropriate oral, written, and electronic communication skills.
5. Describe appropriate responses 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.

Assessment

Course completion: Number passing at 75% or greater.

Course Outcomes: CO 2- Successful completion of course clinical competencies

Course Outcomes: Common final exam for item analysis:

CO 1 Q1	(Student as Phlebotomist)
CO 2 Q2	(Non-English speaking patient)
CO 3 Q1	(Standard Precautions)
CO 3 Q2	(Preanalytical errors)
CO 3 Q3	(Reverse Isolation)
CO 3 Q4	(Syringe Transfer Device)
CO 4 Q1	(Test order origination)
CO 4 Q2	(computerized systems)
CO 5 Q1	(No armband ID)
CO 5 Q2	(Nerve injury)
CO 6 Q1	(specimen labeling)
CO 6 Q2	(battery)
CO 6 Q3	(assault)

Validation

Course completion: Number passing at 75% or greater.

Course Outcome 2: Number passing clinical competencies with score of 80%

Course outcomes: Common exam question accuracy rate of 75% or higher

Results

Course Completion:

100 % (12/12 students) completed the course with a grade of 75% or higher

Course Outcome 2 Clinical competencies – venipuncture methods, number with score of 80% or greater:

ETS Method	78.75%	exclude WAF	94.5%
Syringe with Needle	80.83%	exclude WAF	96%
Syringe with Butterfly	80.83%	exclude WAF	97.5%

Course outcomes: Common Final Exam Questions

CO 1 Q1	(Student as Phlebotomist)
CO 1 Q2	(Non-English speaking patient)
CO 3 Q1	(Standard Precautions)
CO 3 Q2	(Preanalytical errors)
CO 3 Q3	(Reverse Isolation)
CO 3 Q4	(Syringe Transfer Device)
CO 4 Q1	(Test order origination)
CO 4 Q2	(computerized systems)
CO 5 Q1	(No armband ID)
CO 5 Q2	(Nerve injury)
CO 6 Q1	(specimen labeling)
CO 6 Q2	(battery)
CO 6 Q3	(assault)

- The breakdown by percentage is not available as in previous semesters in Moodle.

Course Outcomes:

CO1	Demonstrate knowledge of culture, values, and belief systems when performing phlebotomy procedures	100%
CO2	Demonstrate competency by achieving a minimum score of 80% for each required phlebotomy competency	80%
CO3	Describe standard precautions, isolation procedures, needlestick safety, and QA procedures	85%
CO4	Demonstrate ability to professionally utilize appropriate oral, written and electronic communication skills	85%
CO5	Describe appropriate response to unexpected events that can occur during blood collections	100%
CO6	Demonstrate knowledge of legal, regulatory, and procedural guidelines for maintaining patient confidentiality and insuring safe blood collections	90%

Number of students assessed: 12

Follow-up

The instructor continues to do an outstanding job in teaching a difficult skill to students. She incorporates real world experiences so students become knowledgeable about how to respond when the unexpected happens. She expects professionalism at all times in the classroom.

Budget Justification:

None