

COURSE OUTCOME MATRIX COURSE SYLLABUS PART 2 of 3

Course Number and Title	AH 112 Basic Medical Laboratory Procedures
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Credit Hours	3
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Course Description	This course is intended to prepare students with the theoretical and practical knowledge required to perform basic laboratory tests in a physician's office, clinic, or hospital setting. Tests such as a urinalysis by dipstick, glucose by home-use glucose monitoring device, fecal occult blood, and urine pregnancy test by visual color methods, as well as others will be reviewed.
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Prerequisite(s) and/or Corequisite(s)	None
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Required Textbooks/References/Course Materials:

Basic Clinical Laboratory Techniques	6th	Estridge, Reynolds	Delmar	1111138362
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General Education Outcomes	
1	Utilize written and verbal language to discuss and comprehend information, incorporating a variety of technologies, such as text, data, and images (written language, verbal language, and information technology).
2	Identify and interpret relevant information in order to formulate an opinion or conclusion (critical thinking).
3	Demonstrate and communicate computational methods and mathematical reasoning in a variety of formats (using words, tables, graphs, mathematical equations, etc., as appropriate) (quantitative literacy and fluency).
4	Communicate in appropriate ways with those who are culturally diverse (intercultural competence).

Program Outcomes	
1	Attain basic phlebotomy skills in collecting, processing and transporting patient specimens.
2	Attain basic skills and knowledge in performing waived laboratory procedures, following quality control restrictions and reporting patient results.
3	Achieve knowledge and skills to successfully pass a phlebotomy certification exam.
4	Communicates verbally and non-verbally with patients, health care professionals and others in an effective, appropriate, and capable manner, while respecting the confidentiality of patient results.
5	Demonstrate professionalism and conduct that reflects safe, legal, and ethical behavior.
6	Demonstrate the importance of attendance, punctuality and proper notification protocol.

	Course Outcomes (CO)	Bloom's Domain for CO (C, A, P), Category, and Level	Program Outcome(s)	Written Language	Verbal Language	Information Technology	Critical Thinking	Quantitative Literacy and Fluency	Intercultural Competence
1	Develop proficiency in phlebotomy techniques	P – Perfect (3)	1						
2	Demonstrate professional behavior by maintaining a strong positive attitude, developing and using good professional judgment in all matters concerning laboratory safety and interaction with specimens, faculty and fellow students	A – Internalizing values (5)	4, 5	1	1	0	1	0	1
3	Demonstrate proper selection and use of Personal Protective Equipment	P – Perfect (3)	1, 2, 5	0	0	0	1	0	0
4	Discuss proper specimen collection and handling of specimens for analysis	C – Understanding (2)	1, 2	0	1	0	0	0	0
5	Perform waived laboratory procedures proficiently by demonstrating understanding of principles of the procedures, using necessary equipment, observing precautions that may interfere with test results, and identifying reference ranges for reporting of results	P – Perfect (3)	2	1	1	0	0	0	0
6	Discuss quality control and its importance in the laboratory.	C – Understanding (2)	3	0	0	0	0	0	0

Bloom's Domain Legend

C = Cognitive
A = Affective
P = Psychomotor

General Education Outcome Legend

2 = Included and Measurable
1 = Introduced and/or Minimally Addressed and Not Measurable
0 = Not included

Approved: May 2021
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