

# COURSE OUTCOME MATRIX

## COURSE SYLLABUS

### PART 2 of 3

Course Number and Title	BS 116 Essentials of Human Systems for Allied Health Professionals Lab
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Credit Hours	1
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Course Description	This laboratory course is designed to present basic anatomy and physiology of all systems of the human body. This laboratory course deals with the complexities of basic human structure and function. This course is not intended for science majors. Students who have successfully completed BS 115 in a past semester may enroll in this course.
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Prerequisite(s) and/or Corequisite(s)	Prerequisite/Co-requisite: BS 115
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**Required Textbooks/References/Course Materials:**

Essentials of Human Anatomy and Physiology Laboratory Manual	7th	Elaine N. Marleb	Pearson	0134424832
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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	Students demonstrate a broad knowledge of science.
2	Students demonstrate how science processes work.
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	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	Know the use of appropriate terminology to effectively communicate information relating to anatomy and physiology.	C-Remembering (1)	1	0	0	0	0	0	0
2	Demonstrate laboratory procedures used to examine anatomical structures and evaluate physiological functions of the human body, including but not limited to, the appropriate use of a microscope and conduction of basic dissection techniques.	P-Manipulate (2)	1,2	0	0	0	1	0	0
3	Identify histological slides.	C-Remembering (1)	1	0	0	0	0	0	1
4	Identify anatomical structures within the following body systems: integumentary, skeletal, muscular, nervous, lymphatic, endocrine, cardiovascular, respiratory, urinary, reproductive, and digestive.	C-Remembering (1)	1	0	0	0	0	0	0
5	Identify the basic physiological processes of the above body systems and their relationships to each other.	C-Remembering (1)	1	1	0	0	1	0	0
6	Identify ideas to make the connection between the knowledge of anatomy and physiology and actual life circumstances.	C-Remembering (1)	1	0	0	0	1	0	1
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8									
9									
10									

**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: October 14, 2021  
Reviewed: November 5, 2021