

8417100 - Health Science I	Applied Technologies Health Science	Health Science Foundations											Health Science Career Pathways													
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01.0 DISCUSS AND DESCRIBE AN OVERVIEW OF THE HUMAN BODY, INCLUDING ORGANIZATION AND CHEMICAL PROCESSES																										
01.01 Define cells, tissues, organs, and systems. (LA)A1.3	✓	X											X	X	X	X	X			X						
01.02 Identify body cavities and the organs they contain. (LA)A1.3	✓	X											X				X				X					
01.03 Define the chemical processes that maintain life. (S)F1.1	✓	X												X		X		X	X							
02.0 USE CORRECT MEDICAL TERMINOLOGY RELATING TO BODY STRUCTURE AND FUNCTION																										
02.01 Use anatomical terminology to describe location of parts or areas of the body or to describe the relation of one part to another. (LA)A1.3	✓	X											X		X	X	X	X		X					X	
02.02 Use correct medical terminology, including prefixes and suffixes, to indicate anatomical structures. (LA)A1.3	✓	X	X										X			X	X	X		X					X	

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03.0 IDENTIFY CELLS AND TISSUES MICROSCOPICALLY AND MACROSCOPICALLY AND RELATE THEIR SPECIALIZED FUNCTIONS																										
03.01 Describe cell structure and function in healthy tissue. (S)F1.5	✓	X										X	X	X	X		X	X								
03.02 Describe cell structure and function in diseased tissue. (S)F1.5	✓	X										X	X	X	X											
03.03 List the four main types of tissue. (S)F1.2	✓	X										X			X											
03.04 Define the location and function of tissues. (S)F1	✓	X										X			X											
04.0 IDENTIFY AND DISCUSS THE STRUCTURE AND FUNCTION OF THE BODY SYSTEMS IN RELATION TO HEALTH AND DISEASE																										
04.01 Describe the structure and function of each body system. (S)F1.2	✓	X										X	X	X		X	X	X							X	

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04.02 Identify common diseases in each body system. (LA)A1.3	✓	X		X			X					X	X	X	X				X					X			
04.03 Identify health careers related to each system.	✓				X			X				X	X	X	X		X	X	X						X		
04.04 Perform skills related to specific body systems.	✓	X										X	X	X	X	X	X	X	X		X				X		
05.0 IDENTIFY AND EXPLAIN FACTORS RELATING TO THE TRANSMISSION OF DISEASE																											
05.01 List and explain direct causes of disease. (H)B1.2	✓	X					X		X			X	X	X	X	X			X		X		X	X			
05.02 List and explain indirect causes of disease. (H)B1.2	✓	X					X		X			X	X	X	X	X			X		X		X	X			
05.03 Explain the chain of transmission. (LA)C3.3; (H)B3	✓		X		X		X						X		X								X	X			

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05.04 Discuss the immune system. (H)B3; (LA)C3	✓	X					X					X			X								X	X		
05.05 Define and explain homeostasis. (LA)C3	✓											X		X	X										X	
05.06 List and discuss the body's defense mechanisms. (H)C(LA)C3	✓	X								X					X							X	X			
05.07 Describe DNA and its role in human heredity. (S)F2.2	✓												X		X			X								
05.08 Describe the role of human genetics in relation to genetic diseases. (S)F2	✓						X						X		X											
05.09 Identify current issues related to genetic research. (S)F2	✓						X						X													

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06.0 DEMONSTRATE KNOWLEDGE OF THE HEALTH CARE DELIVERY SYSTEM AND HEALTH OCCUPATIONS																										
06.01 Identify the basic components of the health care delivery system. (S)H3; (LA)A1.4; (H)A1.7, C1.2	✓			X	X	X		X								X		X		X						
06.02 Describe the various types of health care providers and the range of services available, including resources to victims of domestic violence. (S)H3; (LA)A1.3; (H)A1.5, 2.3,2.4,2.2 B2.2	✓			X		X	X						X	X			X		X	X						
06.03 Describe the composition and functions of a health care team. (LA)A1.3; (H)C2.6,1.2	✓		X	X	X		X		X					X		X	X				X					
06.04 Identify the general roles and responsibilities of the individual members of the health care team. (LA)A1.1; (H)B2.6	✓			X	X		X		X					X		X	X				X	X				
06.05 Develop a basic understanding of human needs throughout the life-span. (LA)A1.4; (H)A1.3	✓		X	X					X					X	X		X	X								
06.06 Explain the importance of maintaining professional competence through continuing education. (S)H,ALL; (LA)A.1.4; (SS)A2.1	✓			X		X		X									X				X					

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06.07 Describe trends affecting the delivery system of health care. (S)H3; (LA)A1.2; (H)A1.8, 2.1	✓			X	X		X				X						X	X			X	X					
07.0 DEMONSTRATE THE ABILITY TO COMMUNICATE AND USE INTERPERSONAL SKILLS EFFECTIVELY																											
07.01 Develop basic listening skills. (LA)C1.1	✓		X	X	X					X	X	X	X	X		X	X	X			X	X	X	X		X	X
07.02 Develop basic observational skills and related documentation strategies in written and oral form. (LA)C1.2; (H)C2.1	✓		X	X											X	X		X	X	X	X	X	X	X	X	X	X
07.03 Identify characteristics of successful and unsuccessful communication including barriers. (LA)C1.3, 1.4; (H)B3.2, 3.3, 3.4, 3.5; (H)C2.2, 2.3.	✓		X	X	X				X						X			X		X	X	X					
07.04 Respond to verbal and non-verbal cues. (LA)C1.3, 1.4; (H)B3.1	✓		X	X	X			X	X	X	X	X	X	X			X			X	X	X	X	X	X	X	X
07.05 Compose written communication using correct spelling, grammar, and format. (LA)B1.1, 1.2, 1.3	✓		X	X	X	X				X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

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07.06 Use appropriate medical terminology and abbreviations. (LA)B1.3	✓		X	X										X	X	X	X	X		X	X	X	X	X	X	X
07.07 Recognize the importance of courtesy and respect for patients and other health care workers and maintain good interpersonal relationships. (LA)C1.3 ;(H)B3.2, 3.3, 3.4; C2.5	✓		X				X		X					X		X	X		X	X	X					
07.08 Recognize the importance of patient/client education regarding health care. (H)B3.4, C2.4	✓			X			X		X			X		X		X	X		X		X					
07.09 Adapt communication skills to varied levels of understanding and cultural orientation. (LA)C1.4; (SS)A1.2; (H)B2.4, 3.4, 3.6	✓		X		X		X		X												X					
07.10 Demonstrate telephone usage including taking messages. (LA)C1.1	✓			X																	X					
07.11 Demonstrate ability to give and follow directions. (LA)C1.1	✓		X					X	X			X	X	X		X	X	X	X	X	X	X	X		X	
07.12 Distinguish between factual reports and personal opinion. (LA)C2.1	✓		X	X			X		X									X		X		X				

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07.13 Read and discuss technical material. (LA)A1.1,2,3,4	✓	X	X	X	X	X		X			X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
08.0 DEMONSTRATE LEGAL AND ETHICAL RESPONSIBILITIES																											
08.01 Discuss the legal framework of the health care occupations. (LA)D1.1, 1.2, 1.3	✓					X							X		X		X	X		X							
08.02 Explain the medical liability of health care workers. (LA)D1.1, 1.2, 1.3	✓					X	X					X	X		X		X			X							
08.03 Explain the patients' "Bill of Rights." (LA)D1.1, 1.2, 1.3	✓					X	X							X													
08.04 Describe a Code of Ethics consistent with the health care occupation. (LA)D1.1, 1.2, 1.3	✓					X	X		X				X		X					X							
08.05 Discuss the importance of maintaining confidentiality of information, including computer information. (LA)D1.2	✓					X	X		X		X			X						X							

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08.06 Recognize the limits of authority and responsibility of health care workers. (LA)D2.6	✓					X	X		X								X			X							
08.07 Recognize and report illegal and unethical practices of health care workers. (LA)D2.6	✓					X	X																				
08.08 Recognize and report abuse and neglect. (LA)D2.6	✓				X	X	X																				
08.09 Recognize sexual harassment and domestic violence. (LA)D2.6	✓					X	X																				
09.0 DEMONSTRATE AN UNDERSTANDING OF AND APPLY WELLNESS AND DISEASE CONCEPTS																											
09.01 Develop a basic understanding of the structure and function of the body systems. (S)F1.2 C2.6; (LA)A2.1	✓	X											X	X	X	X			X						X		
09.02 Identify personal health practices and environmental factors which affect optimal function of each of the major body systems. (S)G2.6, D1.3, 1.4 (SS)A3.5 (LA A2.1) (H)A1.4, 1.1 B1.1, 2.3	✓			X		X	X						X	X	X	X	X	X	X						X		

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09.03 Identify psychological reactions to illness including defense mechanisms. (LA)A2.1	✓			X		X						X													X		
09.04 Recognize the steps in the grief process. (LA)2.1; (H)B.3.8																											
09.05 Explain basic concepts of positive self image, wellness and stress. (LA)C1.3 (H)A1.9, 1.5	✓															X									X		
09.06 Develop a wellness and stress control plan that can be used in personal and professional life. (S)D2.1; (LA)B1.2, 1.3; (H)A1.2; (H)B1.2, 1.3, 1.4 C1.4, 1.5, 1.6	✓																								X		
09.07 Explain the nutrition pyramid.(LA)C1.3; (H)A1.5, 1.9																											
10.0 RECOGNIZE AND PRACTICE SAFETY AND SECURITY PROCEDURES																											
10.01 Demonstrate the safe use of medical equipment. (S)B1.1	✓				X	X						X	X	X	X	X	X	X	X	X	X				X		

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10.02 Recognize and report safety hazards. (LA)B2.1	✓					X		X						X		X		X	X	X	X					
10.03 Identify and practice security procedures for medical supplies and equipment.	✓					X		X						X		X	X	X	X	X						
10.04 Demonstrate proper body mechanics. (S)C1&2	✓							X						X			X	X	X						X	
10.05 Demonstrate the procedure for properly identifying patients.	✓	X				X									X											
10.06 Demonstrate procedures for the safe transport and transfer of patients.(S)C1&2	✓								X						X		X		X							
10.07 Describe fire, safety, disaster and evacuation procedures. (S)C1&2; (LA)B2.1	✓							X									X		X	X						

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11.0 RECOGNIZE AND RESPOND TO EMERGENCY SITUATIONS																										
11.01 Monitor and record vital signs. (S)B1-3; (LA)B2.1	✓															X	X	X							X	X
11.02 Describe legal parameters relating to the administration of emergency care. (LA)C3.1	✓				X													X								
11.03 Obtain and maintain CPR for basic rescuer or higher.	✓									X								X								
11.04 Demonstrate basic understanding of first aid and emergency care. (H)B1.5, 3.7 A2.6	✓									X						X	X				X					
11.05 Recognize adverse drug related emergencies and take appropriate first aid action. (H)B3.7, C.5	✓			X												X										

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12.0 RECOGNIZE AND PRACTICE INFECTION CONTROL PROCEDURES																												
12.01 Demonstrate knowledge of medical asepsis and practice procedures such as hand-washing and isolation.	✓							X							X		X	X	X	X	X	X	X	X	X	X	X	
12.02 Demonstrate knowledge of surgical asepsis. (H)B1.1,2,3,4,5	✓							X												X						X		
12.03 Describe how to dispose correctly of biohazardous materials, according to appropriate government guidelines such as OSHA. (LA)C3.2	✓				X			X						X			X		X	X								
13.0 DEMONSTRATE COMPUTER LITERACY																												
13.01 Define terms and demonstrate basic computer skills. (LA)C3.2	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
13.02 Describe the uses of computers in health care. (LA)C3.2; (H)B2.1	✓			X									X								X	X						

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14.07 Identify acceptable work habits. (LA)B2.2,4	✓				X																X						
14.08 Demonstrate knowledge of how to make job changes appropriately. (LA)B2.2,4	✓				X																						
14.09 Demonstrate desirable health habits. (H)A1.3,4,5, A2.1,6, B1.1,2,5	✓			X	X				X						X												
14.10 Recognize appropriate affective/professional behavior. (H)A2.6	✓				X															X							
14.11 Write an appropriate resume. (LA)B1.1, 1.3, B2.2,4	✓		X		X																						
15.0 DEMONSTRATE KNOWLEDGE OF BLOOD BORNE DISEASES, INCLUDING AIDS																											
15.01 Distinguish between fact and fallacy about the transmission and treatment of diseases caused by blood borne pathogens including Hepatitis B. (LA)A2.7	✓							X					X		X		X	X	X			X					

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15.02 Identify community resources and services available to the individuals with diseases caused by blood borne pathogens. (S)G.2.6 (LA)A2.7	✓			X			X	X								X							X				
15.03 Identify "at risk" behaviors which promote the spread of diseases caused by blood borne pathogens and the public education necessary to combat the spread of these diseases. (LA)A2.6; (H)B3.7, C1.1	✓			X			X	X								X							X	X			
15.04 Apply infection control techniques designed to prevent the spread of diseases to the care of all patients following Centers for Disease Control (CDC) guidelines. (H)B3.7	✓			X				X				X			X	X	X	X					X				
15.05 Demonstrate knowledge of the legal aspects of AIDS, including testing. (H)B1.2	✓					X	X								X							X					
16.0 APPLY BASIC MATH AND SCIENCE SKILLS																											
16.01 Draw, read, and report on graphs, charts and tables. (S)H2.3; (LA)B2.1, 2.2; (M)E1	✓			X										X		X	X			X	X	X	X	X			
16.02 Measure time, temperature, distance, capacity, and mass/weight. (S)H1,2,3; (LA)B2.1,2.2; (M)B3	✓													X	X			X	X					X			

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16.03 Make and use measurements in both traditional and metric units. (S)H1.1,1.2; (LA)B2.1, 2.2; (M)B3	✓												X	X							X	X			
16.04 Make estimates and approximations and judge the reasonableness of the result. (S)H1,2,3; (LA)B2.1,2.2; (M)A4, B2, B4	✓				X												X	X	X		X	X		X	
16.05 Convert from regular to 24 hour time. (S)H1,2,3; (LA)B2.1,2,2	✓									X					X										
16.06 Demonstrate ability to evaluate and draw conclusions. (M)E2, 3	✓				X			X	X			X	X	X	X	X	X	X	X	X	X	X	X	X	X
16.07 Organize and communicate the results obtained by observation and experimentation. (H)1; (LA)B2.4	✓	X						X				X	X	X		X	X	X	X		X	X	X	X	
16.08 Ask appropriate scientific questions and recognize what is involved in experimental approaches to the solution of such questions. (M)E1, 2; (LA)B2.2	✓												X					X				X	X	X	
16.09 Calculate ratios. (LA)B1.3; (M)A1,2,3	✓															X						X			

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17.0 PERFORM SKILLS REPRESENTATIVE OF 1-3 MAJOR ALLIED HEALTH AREAS IN THE SCHOOL LABORATORY BEFORE BEGINNING THE CLINICAL PHASE																											
17.01 Perform skills related to the body systems. (S)F1.2,4		✓	X														X	X	X	X	X		X				X
17.02 If unlicensed clinical laboratory type skills is one of the selected allied health areas to be taught, students will:																											
17.02.01 Correctly pipet using automatic and manual pipette. Note: OSHA prohibits mouth pipetting! (S)H1; (LA)1.1,2		✓																X		X					X	X	
17.02.02 Perform dip stick testing on blood and urine.		✓																		X							
17.02.03 Type blood samples. (S)H1		✓																		X							
17.02.04 Prepare blood slides for differential blood count. (S)H1		✓																		X							

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17.02.05 Stain blood slides. (S)H1	✓														X			X								
17.02.06 Plate microbiological specimen on appropriate media.	✓														X							X	X			
17.02.07 Report urine specific gravity, color and characteristics.	✓														X											
17.02.08 Perform centrifuge operation and maintenance. (S)H1																										
17.02.09 Focus a microscope and examine specimens using low, high-dry, and oil immersion lens. (S)H1.1	✓														X			X				X				
17.02.10 Demonstrate knowledge of specimen differentiation and procedure interference's. (S)H1	✓													X	X			X				X				
17.02.11 Perform communication skills specifically related to laboratory science. (LA)C3.2	✓	X				X	X	X					X	X								X				

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17.02.12 Using an artificial arm, perform venipunctures.	✓													X	X												
17.02.13 Name and discuss the avenues of laboratory medicine practice.	✓													X													
17.03 If unlicensed physical restorative type skills is one of the selected allied health areas to be taught, students will:																											
17.03.01 Describe the functions of bones and muscles as related to the practice of physical therapy. (S)F1.2	✓	X												X											X		
17.03.02 Define disability and identify types of disabilities. (LA)B2.2	✓	X																							X		
17.03.03 Name and discuss the avenues of physical therapy practice. (LA)C3	✓													X											X		
17.03.04 Describe equipment used in physical therapy. (LA)C3	✓			X										X											X		

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17.03.05 Teach crutch and walker use and care. (S)C1.1																										
17.03.06 Perform safe body mechanics and transfer. (S)C1.1; F1.2	✓						X					X					X		X						X	
17.03.07 Describe the use of modalities (i.e. Ultrasound).	✓			X															X						X	
17.03.08 Perform hydrotherapy.																										
17.03.09 Perform communication skills specifically related to physical therapy. (LA)C3.2; (H)B3	✓		X									X													X	
17.03.10 Assist clients to eat using prompting.)A1.9																										
17.03.11 Identify, describe, and demonstrate the use of devices. (LA) A1(3)	✓			X																					X	

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17.03.12 Identify augmented communication devices and purpose of each. (LA)A1.1,2,3	✓			X																					X		
17.03.13 Demonstrate techniques used in active and passive range of motion exercises. (S)C2.1	✓																								X		
17.03.14 Instruct patients in bed/wheelchair mobility. (S)C2.1																											
17.03.15 Describe the relationship between long-term and short-term goals. (LA) A1(3)	✓				X																				X		
17.04 If unlicensed occupational restorative type skills is one of the selected allied health areas to be taught, students will:																											
17.04.01 Describe equipment used in occupational therapy. (LA) A1(3)	✓			X																							
17.04.02 Make splints. (LA)A1.1,2,3																											

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17.04.03 Perform feeding and dressing skills using adaptive equipment.																										
17.04.04 Perform feeding and dressing skills using one hand.																										
17.04.05 Perform communication skills specifically related to occupational therapy. (LA)C3.2	✓		X						X																	
17.04.06 Perform and instruct range and motion exercises. (S)C2.1	✓											X												X		
17.04.07 Name and discuss the avenues of physical therapy practice. (LA)C3.2; (H)B3	✓											X												X		
17.04.08 Train the client in clothing care skills.																										
17.04.09 Train the client in food preparation skills. (H)A1.9; C1.6																										

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17.04.10 Train the client in money management skills.																											
17.05 If unlicensed respiratory restorative type skills is one of the selected allied health areas to be taught, students will:																											
17.05.01 Name and discuss the avenues of Respiratory Care Practice.																											
17.05.02 Describe common respiratory diseases (asthma, emphysema, chronic bronchitis, atelectasis) and common medications used to treat respiratory diseases.	✓	X												X													
17.05.03 Recognize normal breath sounds when auscultating the chest with a stethoscope.	✓																						X				
17.05.04 Assemble and practice using gas reducing and flow regulating equipment.	✓													X													
17.05.05 Demonstrate and discuss the use of incentive spirometers. (LA) A1(3)																											

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17.05.06 Differentiate between various oxygen delivery devices (nasal cannulas, simple and re-breathing masks, oxyhoods, enclosures).	✓													X												
17.05.07 Stock shelves with, process, and perform preventative maintenance on respiratory care equipment.																										
17.05.08 Check emergency equipment assigned to respiratory care.	✓													X		X										
17.05.09 Demonstrate/discuss the use of postural drainage and percussion. (LA) A1(3)																										
17.05.10 Discuss and practice the use of the pulse oxymeter. (LA) A1(3)																										
17.05.11 Describe the equipment and use of humidity/aerosol. (LA) A1(#)																										

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17.06 If medical record keeping type skills is one of the selected allied health areas to be taught, students will:																										
17.06.01 Demonstrate an understanding of basic medical terminology e.g. prefixes, suffixes and root words related to major body systems. (LA)A1.1	✓	X	X										X	X	X			X				X	X			
17.06.02 Demonstrate an understanding of straight numerical, alphabetical and terminal digit filing. (M)A2.2	✓										X							X		X	X	X				
17.06.03 Demonstrate computer literacy, keyboarding and retrieval skills.(LA) B2(4)	✓	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
17.07 If unlicensed Radiologic type skills is one of the selected allied health areas to be taught, students will:																										
17.07.01 Identify the function of a cassette, film, and screen.	✓		X																			X				
17.07.02 Describe how radiation produces an image on film. (S)A2 (LA) A1(3)	✓			X															X							

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17.07.03 Identify the process by which x-ray film is developed.	✓			X															X							
17.07.04 Process a film through an automatic processor.	✓																		X							
17.07.05 Identify anatomical position and terminology (medial, lateral, superior, inferior, anterior/ventral, and posterior/dorsal).	✓													X	X				X					X		
17.07.06 Identify patient properly (check identification band, etc.)	✓		X																X							
17.07.07 Explain appropriate exam(s) to the patient.	✓		X											X	X	X			X							
17.07.08 Perform safe body mechanics and transferring skills of patient onto x-ray table.	✓																		X							
17.07.09 Position patient for exam(s) (chest, KUB, hand and foot).	✓													X					X							

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17.07.10 Position x-ray tube to simulate exposure for exam(s) (chest, KUB, hand, and foot).	✓																		X								
17.07.11 Position patient in supine, prone, lateral, oblique, AP, PA of appropriate part.	✓																		X								
17.07.12 Use an artificial arm to perform venipuncture.	✓												X														
17.08 If unlicensed veterinary type skills is one of the selected allied health areas to be taught, students will:																											
17.08.01 Discuss ethical considerations related to animal care and use.	✓					X																				X	
17.08.02 Describe Science within the animal care industry. (S)F1.1-8	✓																									X	
17.08.03 Identify common domestic animal species and breeds.	✓																									X	

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17.08.04 Apply academic skills to animal care situations, terminology, and veterinary medical dosages.	✓	X	X																							X
17.08.05 Describe basic concepts of animal nutrition. (H)A1.5,1.9	✓																									X
17.08.06 Provide appropriate general care to a variety of common companion animal species.	✓																									X
17.08.07 Safely handle, restrain, confine, and examine companion animals.	✓																									X
17.08.08 Demonstrate proper grooming techniques for animals.	✓																									X
17.08.09 Socialize young animals and basic obedience-train dogs.	✓																									X
17.08.10 Describe and demonstrate procedures for identifying, preventing, and controlling diseases of companion animals and zoonotic diseases.	✓																									X

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17.08.11 Demonstrate basic knowledge of laboratory procedures used in veterinary practice.	✓																									X	
17.08.12 Assist with veterinary nursing procedures.	✓																									X	
17.08.13 Demonstrate knowledge of veterinary office procedures.	✓																									X	
17.09 If housekeeping type skills is one of the selected allied health areas to be taught, students will:																											
17.09.01 Organize and maintain supplies and equipment.	✓						X						X	X			X	X	X			X	X				
17.09.02 Use housekeeping equipment.	✓						X							X			X										
17.09.03 Care for and distribute laundry.	✓						X							X													

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17.09.04 Perform housekeeping activities.	✓						X								X		X	X									
17.09.05 Care for the cleaning and maintenance of horizontal and vertical surfaces within facility.	✓						X								X												
17.09.06 Identify chemicals and their proper use.	✓						X		X						X			X									
17.09.07 Demonstrate safety, security, and sanitation skills.	✓						X								X	X	X	X	X	X			X		X	X	
17.10 If biomedical research type skills is one of the selected allied health areas to be taught, students will:																											
17.10.01 Comprehend technical vocabulary.	✓		X	X										X	X	X	X						X	X	X		
17.10.02 Document lab results accurately.	✓		X												X	X	X		X					X			

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17.10.03 Recognize hazardous lab conditions.	✓					X		X						X	X			X					X			
*17.10.04 Maintain a safe work environment, including but not limited to correct handling, storing, and disposing of hazardous materials, and the use of personal protective equipment.	✓					X		X					X		X			X		X			X			
*17.10.04 (note duplicate objective identifiers) Research regulatory bodies (OSHA, NIH, NR, DOT, EPA, CDC, NRC, CLIA, DEA and FDA).	✓					X							X		X		X						X	X		
*17.10.05 Discuss testing methods and inspection procedures in relation to quality control.	✓					X		X							X								X			
*17.10.05 (note duplicate objective identifiers) Monitor environmental conditions of research facility (growth chamber, greenhouse, seed storage room, animal housing, or manufacturing site).	✓			X				X															X	X		
17.10.06 Discuss the proper utilization of test plants and animals.	✓												X													
17.10.07 Prepare solutions and reagents for laboratory use.	✓												X		X											

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17.10.08 Operate laboratory equipment.	✓			X									X		X			X					X			
17.10.09 Identify common microorganisms.	✓												X		X			X					X			
17.10.10 Explain how to culture and perform bioassays.	✓												X		X								X	X		
17.10.11 Discuss genetic engineering skills.	✓												X		X											
17.10.12 Utilize problem solving skills.	✓				X								X		X					X						
17.10.13 Practice asepsis.	✓											X			X	X	X		X				X		X	
17.10.14 Discuss sterilization techniques, including proper packaging of sterile goods.	✓										X				X		X	X					X		X	

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18.0 SUCCESSFULLY COMPLETE A CLINICAL ROTATION IN AT LEAST 3 MAJOR ALLIED HEALTH AREAS--The student will be able to:																										
18.01 Demonstrate skills in the clinical setting as outlined in 17.0.	✓	X	X	X	X	X					X		X	X	X	X	X	X	X	X	X	X	X	X	X	X
18.02 Complete three (3) clinical rotations under the supervision of a duly licensed/certified allied health care worker.	✓				X								X	X	X	X	X	X	X	X	X	X	X	X	X	X
18.03 Exhibit behavior consistent with the professional ethics required of each of the allied health areas being studied.	✓				X								X	X	X	X	X	X	X	X	X	X	X	X	X	X