

Essentials of Healthcare – Course Number 25.4400

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****This is a suggested list from business/industry. Your lab is designed to provide clinical exposure that would best prepare your students for the workforce in your area.**

****Items and quantities may vary per item/school. You may also utilize your community partners/resources to provide access to some items.**

Equipment, supplies, textbooks, software	Standard	Comments	Optional – not required to teach curriculum
Lab tables	General	B-11/ B-13	
Lab chairs	General	B-11/B-13	
Projector and interactive board	General	B-11/B-15	
Computers (laptops, tablets, etc.)	General	B-11	
Color printer & link	General	B-11	
Curriculum: Anatomy and Physiology textbooks/resource books/eBooks/online software resources (class set)	General	B-11	
Medical terminology textbooks or eBooks (class set) or library	General	B-11	
Electronic Health Record simulator	Healthcare Basic Lab Item	Virtual	
Anatomical model – human torso with removable organs	Healthcare Basic Lab Item	B-11	
Anatomy posters	Healthcare Basic Lab Item	B-11	
Patient care bed	Healthcare Basic Lab Item	B-11	
Patient care exam table	Healthcare Basic Lab Item	B-13	
Pillows – assorted types and sizes to include wedge pillow	Healthcare Basic Lab Item	B-11	
Patient care bed linens	Healthcare Basic Lab Item	B-11	

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Clock with second hand; 24 hour clock	Healthcare Basic Lab Item	B-11	
Timer	Healthcare Basic Lab Item	B-11	
Sharps containers	Healthcare Basic Lab Item	B-11	
Goggles & Sanitizer	Healthcare Basic Lab Item	D-11	
Standard 2			
Classify basic structure – body planes, cavities, regions, directional terms, tissues, organs, parts of cell.			
Microscope, microscope slides/cover slips and prepared slides (RBC, WBC, and common infections/disorders) and items needed to maintain microscope	EHC 2	B-11	
Methylene blue stain	EHC 2	D-11	
Magnifying glass	EHC 2	D-11	
Alcohol prep pads	Healthcare Basic Lab Item	B-11	
Kimwipes (sanitation wipes – Clorox, Lysol, etc.)	Healthcare Basic Lab Item	B-11	
PPE (assorted sizes; avoid latex products)	Healthcare Basic Lab Item	B-11	
Anatomical Dissecting kits and trays	EHC 2	B-11	
Preserved sheep/cow organs for dissection	EHC 2	B-11	
Clay in assorted colors	EHC 2	B-11	
Equipment needed for using clay in teaching anatomy	EHC 2	B-11	
Calibrated measuring devices	Healthcare Basic Lab Item	D-11	
Anatomical Visuals and Models	EHC 2	B-11	

Standard 3			
Analyze the anatomy, physiology, and basic pathophysiology of the integumentary system and evaluate and monitor body temperature			
Skin model	EHC 3	B-11	
Skin cancer model	EHC 3	B-11	
Thermometer – assorted types with probe covers	EHC 3	B-11	
Teaching mannikin with vitals	Healthcare Basic Lab Item	B-11	
Tongue depressors	EHC 3	B-11	
Injury/trauma models	EHC 3	B-11	
Standard 4 -			
Investigate the anatomy, physiology, and basic pathophysiology of the cardiovascular system, and evaluate and monitor blood pressure and pulse.			
Heart & Circulation models	EHC 4	B-11	
Stethoscopes	EHC 4	B-11	
Training stethoscope	EHC 4	B-11	
EKG machine/attachments/supplies	EHC 4	B-13	
Simulated blood and blood typing kit	EHC 4	B-11	
IV fluid bags and tubing	EHC 4	B-11	
Pulse Oximeters	EHC 4	B-11	
B/P equipment	EHC 4	B-11	
CPR manikins with feedback	Healthcare Basic Lab Item	B-11	
CPR teaching materials	Healthcare Basic Lab Item	B-11	
CPR disposables – face shields, lungs, pocket masks, etc.	Healthcare Basic Lab Item	B-11	
AED trainer	Healthcare Basic Lab Item	B-11	

Standard 5 - Examine the anatomy, physiology and basic pathophysiology of the respiratory system and evaluate and monitor respirations.			
Lung & Respiratory models	EHC 5	B-11	
Aero chamber (Inhaler) trainers – assorted types/sizes	EHC 5	B-11	
Peak flow meter simulator/trainer	EHC 5	B-11	
Nebulizer	EHC 5	B-11	
Interactive lung simulator	EHC 5		
Lung volume kit	EHC 5	B-11	
Pulse oximeter	EHC 5	B-11	
Speculum	EHC 5	B-11	
Standard 6 - Evaluate the anatomy, physiology, and basic pathophysiology of the muscular and skeletal systems, and perform technical skills related to the systems.			
Human skeleton model	EHC 6	B-11	
Human skeleton model – disarticulated	EHC 6	B-11/D-11	
Joint models (knee, etc.)	EHC 6	B-11/D-11	
Human muscle model	EHC 6	B-13/D-11	
Canes	EHC 6	B-11	
crutches	EHC 6	Rehab room	
walkers	EHC 6	B-11	
Gait belts	EHC 6	B-11	
X-rays, view box and/or digital equivalent	EHC 6	Virtual	
Scales – assorted types	EHC 6	B-11	

Standard 7 Analyze the anatomy, physiology, and basic pathophysiology of the urinary system and apply knowledge in performance of technical skills related to the system.			
Anatomical model – kidneys and urinary tract	EHC 7	B-11	
Simulated urine	EHC 7	B-11	
Urinary catheters – assorted types (foley, etc.), sizes, and collection bags and urometer	EHC 7	B-11	
Bedpan and fracture bedpan	EHC 7	B-11	
Standard 8 Analyze the anatomy, physiology, and basic pathophysiology of the reproductive system, and perform technical skills related to the system.			
Male and female reproductive system models	EHC 8	B-11	
Breast cancer model	EHC 8	B-13	
Testicular cancer model	EHC 8		
Speculum	EHC 8	B-13	
Standard 9 Examine the anatomy, physiology, and basic pathophysiology of the nervous system, special senses, and perform technical skills related to these systems.			
Human brain model	EHC 9	B-11	
Human Eye model	EHC 9	B-11	
Human ear model	EHC 9	B-11	
Ophthalmoscope	EHC 9	B-11	
Pen lights	EHC 9	B-11	
Otoscope	EHC 9	B-11	
Otoscope covers	EHC 9	B-11	
Snellen vision chart	EHC 9	B-11/B-13	
Tuning forks	EHC 9	Rehab room	

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Reflex hammers	EHC 9	Rehab room	
Audio testing system	EHC 9		
Bell	EHC 9	B-11	
Standard 10			
Evaluate the anatomy, physiology, and basic pathophysiology of the endocrine system and perform technical skills related to the system.			
Simulated glucometer (blood glucose monitor) and supplies	EHC 10	B-11	
Diabetic foot model	EHC 10	B-11	
Standard 11			
Investigate the anatomy, physiology, and basic pathophysiology of the digestive system and perform technical skills related to the system.			
Scales – assorted types	EHC 11	B-11	
Stadiometer	EHC 11		
Body fat analyzer	EHC 11	Rehab room	
Denture/teeth models	EHC 11	B-11	
Digestive models/stomach lining	EHC 11	B-11	
Drinking containers (assorted sizes) for measuring oral intake	EHC 11	B-11	
Standard 12			
Investigate the anatomy, physiology, and basic pathophysiology of the lymphatic system and perform technical skills related to the system.			
Lymphatic vessel model	EHC 12		

Evaluation team member(s) Name _____

Signature (s) _____

