Virtual Lab

(CODE NO: A124)

Faculty of Nursing
Benha University

2025−2024

Content of Virtual Lab 1(A124)

Code	content

A124(1)	**computer with accessories**
	
	✓ Core I7 or higher
	✓ 10 generation or higher
	✓ 1 Tb HDD + 512 Gb SSD or higher
	✓ External NVidia GeForce with 4 Giga or more
	✓ RAM 16 Gb or more
	✓ Monitor 24 Inch or more
	✓ Mouse : USB optical or wireless
	
	Keyboard : wireless
	
	Software
	- Software application for practical part of the faculty subjects. The application should use the virtual 3D models and interactivity to simulate the real world exam and evaluate the students' abilities to deal with different situation by correct sequence and procedures.
	- The general requirements in the evaluation environment
	  ■ 3D virtual location place for conducting the experiments; contains room with 2 to 3 windows and a door, 2 to 3 chairs, table (trolley), Clinically clean tray, bed for patient, …
	  ■ 3D models for general equipment and tools; syringe 10 mL or 5ml , Tape, Emesis basin or plastic bag, A stethoscope, Towel, Cup of water, gloves, ……..
	  ■ 3D character model to simulate the nurse in some steps
	  ■ Tow 3D hands to simulate nurse hands' animation in different steps
	  ■ 3D models for infant patient (newborn, 1 year, 3 years)
	  ■ 3D model for adult patient
	
	20 practical procedures

عميد الكلية   وكيل الكليه لشنون التعليم والطلاب   مشرف المعامل

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