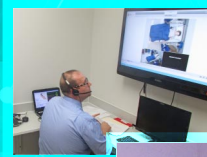




Wayne
County
Community
College
District

Health Science Interdisciplinary Simulation Laboratory (HSISL)



FACULTY AND STUDENT HANDBOOK

INTRODUCTION

Welcome to Wayne County Community College District's Health Science Interdisciplinary Simulation Laboratory (HSISL).

This state of the art laboratory contains realistic adult, infant, child, and expecting mother with newborn manikins. Each manikin is computer controlled to present a myriad of physiological states to give the student a realistic and authentic learning experience. This experience may be recorded to allow faculty to debrief the students as well as to allow student to self-analyze their performance. Each student is expected to fully participate in all aspects of the laboratory experience.

WHAT IS SIMULATION?

Simulation is an attempt at replicating reality. In healthcare education, simulation tries to replicate the essential aspects of a clinical environment so that the situation may be more readily understood and managed when it occurs in clinical practice. The simulation lab environment allows students to participate in life-like situations. Simulation can also be used as a teaching method to help assess a student's skill acquisition. Simulating real-life experiences for students in a safe environment is conducive for developing critical thinking, clinical reasoning, and clinical judgment skills. Practicing in such an environment will increase the probability that those skills will be used in the real-world setting.

SIMULATION SCENARIOS

Simulating case scenarios in the **HSISL** involves active participation for all students. All students and faculty will adhere to the simulation center rules. Manikins are to be used with respect and treated as if they were live patients. The sim lab is a learning environment. Students involved in simulated scenarios should have everyone's respect and attention. Situations in the lab are to be used as a learning tool and no discussion of the actions of students should take place outside of the lab. A debriefing session will be provided for all simulation experiences. After the debriefing session, the student will fill out an evaluation form to provide feedback, constructive criticism, and reflection on the scenario for further enhancement.

FACULTY ROLES

The simulated scenarios are designed so that students learn to think critically. Students should be allowed to complete their scenario regardless of the outcome with little to no direction from the faculty. It is during the debriefing that faculty will provide input with regards to the students' performance and affective behavior.

DEBRIEFING

The debriefing session involves immediate feedback and a reflective critical thinking analysis and communication tool for participants of the simulation exercise. The purpose of the debriefing assessment provides an intense post conference and active evaluation process driven by instructors and peers. The focus of the debriefing should be on positive aspects and should allow the student to answer critical thinking questions.

SCHEDULING OF LABORATORY

Staff, Faculty, and Mentors shall contact via email the Simulation Lab Administrator, two weeks prior to the requested dates. Every attempt shall be made to fulfill request however those students that have a required hourly mandate and or skill validation shall receive priority. Along with requesting time in the lab the faculty member may choose the appropriate scenario that covers the desired objectives. It is imperative that the faculty member review the requested scenario and the required equipment list prior to start of the lab session. Deviation from the standard list of equipment may be made at the time of request.

CONFIDENTIALITY

In order to preserve the realism of the scenarios used in the Lab and to provide an equitable learning experience for each student, all persons using the Lab will be required to sign a confidentiality agreement (see attached copy of confidentiality agreement). The scenarios are **not to be discussed outside of the simulation** and debriefing sessions. This is to protect the value of the experience for those who will eventually take part in the clinical scenarios. If the student does so, it is considered **cheating** and the student will face **disciplinary action** outlined in Wayne County Community College District's Student Handbook. Because every simulation has the possibility of being recorded, manikin accessibility will be treated like a real patient. Students are expected to uphold all requirements of the Health Insurance Portability and Accountability Act (HIPAA) and any other federal or state laws requiring confidentiality. Students agree to report any violations to the faculty or instructor.

EQUIPMENT

Every effort has been made to provide each student with state of the art equipment to be used in the occupational environment. It is imperative that faculty orient themselves to this equipment so that the scenario will run smoothly. In the event that a piece of equipment comes up missing or is broken it is the responsibility of the student to report it to the faculty. Below is the list of rules each student must adhere to concerning equipment:

1. All students and faculty wanting to use the lab must have proper orientation to the equipment.
2. The doors of the lab will be locked at all times.
3. Any student wishing to use the lab must notify the Lab Administrator and sign in on the attendance book.
4. When working with the manikins, students must wash their hands and wear gloves.
5. Supplies and equipment must not be taken out of the lab unless requested and signed out by an instructor.
6. Equipment should be disposed of appropriately. (sharp's containers, biohazard trash containers)
7. Computers and video equipment are for class purposes only.
8. Students will have proper orientation to the crash cart and the defibrillator.
9. There may come a time that equipment might get broken or become missing. It is your responsibility, as a member of Wayne County Community College District's Health Science Programs to report it to an instructor and or Lab Administrator. If the equipment is maliciously damaged, the student will be responsible for replacement of said equipment and could be dismissed from the program.
10. At the end of the scenario, students must return all equipment and supplies to the proper locations
11. Beds should be remade and left in the lowest position with the bed rails up.

LAB ADMINISTRATOR

The lab administrator will facilitate the learning environment by setting up the scenarios and controlling the manikins remotely during the lab experience. This person may be used to trouble shoot any technical issues that may arise but is not intended to provide instruction to the student.

CONDUCT

Students shall approach all simulators and actors as if they were in a clinical setting. Students will not only be measured on their clinical judgment and application of required skills but also on their ability to show empathy, respect, integrity and diplomacy towards everyone evolved in the learning environment. At no time shall a student behave in a manner that disrupts the other students learning environment. It is imperative that participants remember that all interactions with the manikin and other participants are being recorded for further review by your faculty and fellow students. ***Any viewing or publication outside of the classroom, such as posting on YouTube or other social media sites, is unacceptable and unethical and will result in disciplinary action from the individuals program.***

STUDENT CONDUCT/BEHAVIOR

1. All users of the centers space must act in a manner that does not disturb the academic activities occurring in the lab.
2. No lab user shall infringe upon the privacy, rights, privileges, health, or safety of other lab users.
3. All faculty, staff and students must complete the orientation prior to using the equipment.
4. No eating or drinking is allowed in the Lab.
5. Use of the computers is restricted to assigned classroom work and not for personal use.
6. Do not use the equipment for any purpose other than specified; anyone who fails to comply with this request will be asked to leave the simulation lab.
7. Any equipment malfunction or abuse must be reported to the lab administrator immediately.
8. Adherence to the dress code is expected. You must be in uniform, or wearing a lab coat to participate in any activity in the lab.
9. All beds should be lowered to the ground with the bed rails up after each use. Linens should be properly placed back on the manikin after each use as if caring for a real patient.
10. Do not remove the manikin from the bed unless instructed to do so.
11. Smoking is prohibited in the Lab.

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12. All electronics including cell phones, cameras, and video recorders are prohibited during simulations.
13. Do not disconnect or move the patient simulators.
14. All patient simulators are operated by trained faculty or staff. Students cannot operate the patient simulators.
15. Remember that even though you are in a simulated environment you are to conduct yourself as if you were at a clinical site.

DRESS CODE

Students participating in the laboratory are expected to wear their clinical attire. This is to promote a sense of realism and to help evaluate the students' affective domain. It is responsibility of the instructor to strictly enforce the dress code. It is strongly encouraged that faculty set the example for their student in this learning environment.

INFECTION CONTROL

Participants in simulated scenarios need to be mindful of all standard precautions and transmission specific precautions (contact, droplet, airborne). Any piece of equipment that comes in contact with simulated patient body fluids are considered contaminated and need to be handled appropriately. Gloves will be worn with all manikin interaction and non-sterile gloves should be disposed of in non-biohazard trash cans. If a sharps container is full, please inform the lab administrator so that it may be replaced.

LATEX WARNING

Students and faculty need to know that some of the equipment in the HSISL contains latex. Those with a known sensitivity/allergy to latex need to contact the lab administrator. Every effort will be made to replace equipment with latex-free substitutions. All users who suffer from latex allergies should take precautions while using or handling the latex parts by wearing non-latex gloves.

“CLEAN” NEEDLE STICK GUIDELINES

In accordance with the Center for Disease Control (CDC) all sharps are to be handled safely and disposed of properly. In the event of a “clean” needle stick, the lab faculty should be notified immediately, so first aid can be provided. The lab administrator should be notified so that an incident report form can be filled out and reported to Public Safety. Complications from a “clean” needle stick may include: tenderness, minor bleeding or bruising, and infection.

SECURITY AND EMERGENCIES

All faculty members are to ensure that lab rooms are secure and safe when using the rooms. Doors should be locked at all times. The Public Safety Department should be notified if the lab rooms will be in use outside of normal campus business hours. It is the responsibility of the faculty and students to be aware of the location of emergency exits on each floor of the Health Science Building. In case of a fire, all persons are expected to evacuate the building and Public Safety needs to be notified immediately at ext. 4041. Fire extinguishers are located throughout each hallway and close to the stairwells of each floor.

WAYNE COUNTY COMMUNITY COLLEGE DISTRICT CONFIDENTIALITY AGREEMENT FOR THE HEALTH SCIENCE INTERDISCIPLINARY SIMULATION LABORATORY (HSISL)

As a patron of the Simulation Lab, I understand the significance of confidentiality with respect to information concerning simulated patients and fellow students. I will uphold the requirements of the Health Insurance Portability and Accountability Act (HIPAA) and any other federal or state laws regarding confidentiality. **I agree to report any violations of confidentiality that I become aware of to my facilitator or instructor.**

I agree to adhere to the following guidelines:

- All patient information is confidential and any inappropriate viewing, discussion, or disclosure of this information is a violation of WCCCD policy.
- This information is privileged and confidential regardless of format: electronic, written, overheard or observed.
- I may view, use, disclose, or copy information only as it relates to the performance of my educational duties. Any inappropriate viewing, discussion, or disclosure of this information is a violation of WCCCD policy and may be a violation of HIPAA and other state and federal laws.
- The simulation lab is a learning environment. All scenarios, regardless of their outcome, should be treated in a professional manner. The student running the scenario should have everyone's respect and attention. Situations simulated in the lab are to be used as a learning tool. Discipline Code of Ethics must be observed.
- The simulation manikins are to be used with respect and be treated as if they were live patients.
- No Betadine, no ink pens (near the manikin), 20G IV or smaller for IV starts.

I have received a copy of Wayne County Community College District's Health Science Interdisciplinary Simulation Laboratory's Student Handbook. I further acknowledge that failure to comply with its rules will result in disciplinary actions up to and including being dismissed from the program.

SIGNATURE: _____ DATE: _____

PRINTED NAME: _____

INSTRUCTOR: _____

COURSE OF STUDY: _____

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