



College of Health Sciences

SCHOOL OF NURSING

Welcome to the Clinical Simulation Laboratory at the University of Delaware School of Nursing. Located in McDowell Hall, this specialized learning facility provides students the opportunity to enhance their skills in a risk-free learning environment through practice-based, hands-on education. The following provides an overview of our six labs, which include four simulation labs and two assessment/skills labs.



Room 105: Simulation/Skills Lab

In Room 105, students practice specific skills such as bed baths, vital signs, gloving, hand washing, injections, IV medicine administration, IV tube priming, assistive device training (e.g., walker, crutches, cane), IV skills, catheters insertion, tracheostomy care, ostomy care, wound care, sterile gloving, and chest tubes.

This lab is used throughout the curriculum by freshmen, sophomores, and juniors, and seniors to sharpen skills.

Patients in use: 4 static mannequins and 2 simulator mannequins

Additional space: Computer lab area for videos of skills (review) and online registration for lab times



Room 117: Partner Lab

In Room 117, students learn health assessments and physical exams in a partner lab format with a professor and teaching assistants.

This lab is used by sophomores in the spring semester.

Patients in use: simulated patient actors/actresses & nursing student partner evaluations



Room 119: Nurse Managed Health Clinic (NMHC)

NEW 2010 SUMMER

In room 119, students participate in the health care delivery to actual community patients of varied ages and races.

Patients in use: actual patients

This lab is used by sophomores and juniors

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Room 123A: Simulation Room

In Room 123 bedspace A, students learn lifting skills as well as communication skills and critical thinking. Examples include body mechanics with care and transfers with overhead lift. Bedspace B is equipped with a high fidelity simulator, videotaping capability, and an observing instructor in the control room (room 115). Examples of simulations learned in this space are: monitor placements, critical care simulations, code blue, heart attack, respiratory emergencies, septic patient, and gastrointestinal bleeding patient.

Patient in use: 1 simulated patient

This lab is used by sophomores and juniors



Room 125: Maternity/Newborn Lab

In room 125, students learn the variety of roles held by maternal child nurses. Examples include insulin administration, glucose testing, oxygen therapy, normal through complicated birth, normal through abnormal infant assessments, and practice with language barrier patients.

Patients in use: 1 simulated birthing mother, 1 simulated post-partum mother, 1 simulated newborn infant, 1 simulated baby, 2 preemie static infants, 1 additional static infant & 1 static pediatric patient.

This lab is used by sophomores and juniors



Room 215: Simulated/Observational/Debriefing Lab

In room 215, students develop more complex skills and synthesize their knowledge. Examples include pediatric simulations with diabetic complications, allergic reactions, asthma and an overdose emergency. The adult simulator covers medical/surgical simulations such as abdominal post-operative, metastatic breast cancer, and a geriatric admission from long-term care facility.

Patients in use: 1 simulated pediatric and 1 simulated adult

** Junior year spring semester: Standardized patient (drama UD student poses/acting as a patient and physical assessments must be done on patient (with some added complications along the way). Nursing students must work with Physical therapy students to address family concerns and walk a "head injury" patient safely.*

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