

HEALTH SCIENCES

Healthcare Simulation Technology

This curriculum is designed to prepare individuals to teach, remediate, and evaluate healthcare providers using different forms of healthcare simulation. Course work includes the day-to-day operations of a multidisciplinary healthcare simulation lab. Students will learn how to operate low, mid, and high-fidelity simulation mannequins, various task trainers, audiovisual tools used in simulation, and managing standardized patient programs. Graduates of the Healthcare Simulation Technology program will be eligible for employment opportunities at hospitals, public and private educational institutions, emergency medical services agencies, and simulation centers. Qualifying graduates may be eligible for the national Certified Healthcare Simulation Educator exam.

Healthcare Simulation Technology – A45980 Associate Degree

-Hybrid

First Semester

SIM 110	Intro to Healthcare Sim Tech	6
SIM 120	Sim Tech Maintenance	4
BIO 163	Anatomy and Physiology	5

Second Semester

SIM 130	Simulation Pharmacology	4
SIM 140	Medical Equipment in Sim	3
SIM 150	Healthcare Simulation Lab I	2
SIM 160	Sim Program Fundamentals	4

Third Semester

COM 120	Intro to Interpersonal Communications	3
HUM/Fine Arts	Elective	3
ENG 111	Expository Writing	3

Fourth Semester

SIM 210	Environmental Designs in Sim	4
SIM 220	Healthcare Simulation Lab II	2
SIM 230	ALS Scenario Development	5
PSY 150	General Psychology	3

Fifth Semester

SIM 240	Peds, OB, and Specialty Simulators	5
SIM 250	Management Systems for Sim	4
SIM 260	Healthcare Simulation Lab III	2
SIM 270	Sim Capstone	4

Graduation Requirements66 Credit Hours

*HUMANITIES/FINE ARTS ELECTIVE

Choose one from:

ART 111,114, 115

HUM 115

MUS 110,112

PHI 215,240

Successful completion of all courses requires a "C" or better.

Healthcare Simulation Technology – C45980 Certificate Degree for Trained Healthcare Providers

-Hybrid

The Certificate Program is open to well-qualified students currently serving in healthcare simulation with a recognized hospital, medical training facility, or EMS agency. Strong communication skills are preferred, along with a basic understanding of modern healthcare simulation.

Program Entry Requirements: Must meet **at least one** of the follow criteria.

- Current holding an unencumbered certification or licensure in an assessment-based health science program. (consult academic advisors for approval)
- Successful completion of an assessment-based health science program of study.
- One year work experience in a high-fidelity simulation lab.

First Semester

SIM 110	Intro to Healthcare Sim Tech	6
SIM 120	Sim Tech Maintenance	4

Second Semester

SIM 150	Healthcare Simulation Lab I	2
SIM 210	Environmental Designs in SIM	4

Certificate Requirements 16 Semester Credit Hours

Successful completion of all courses requires a "C" or better