

CENTRAL COMMUNITY COLLEGE
NURSING PROGRAM SIMULATOR
COLUMBUS CAMPUS

This project involves the acquisition of a nursing simulator which is a duplicate of the simulator purchased in the fall on the Grand Island campus. This new simulator will be utilized by the nursing students on the Columbus Campus.

This product will propel the level of nursing simulation forward. This simulator better replicates a human with automatic turning of the head, interactive eye movements and AI generated speech. This is the first simulator on the market that can simulate these human functions. Gaumard is the only simulator manufacturer who has

- Lifelike motor movement
- Facilitate patient-provider communication. Neural speech model enables HAL to converse naturally with providers by understanding context, responding automatically, and getting smarter over time
- Manage vitals, assess, and debrief with UNI 3 — our control software, loaded with new tools and scenario content to help facilitate simulation learning experiences
- Simulate realistic stroke and TBI scenarios with lifelike motor reflexes, including facial drooping and head, arm, and hand movement
- Supports the broadest selection of real mechanical ventilators, patient monitors and sensors, and defibrillators
- Advanced anatomy and physiology
- Simulates cardiac, respiratory, and vascular physiology, including arterial access, lung compliance, hi-fi auscultation, and much more

The grants department has received funding from the Nebraska Hospital Association in partnership with the Nebraska Center for Nursing for the expansion of clinical nursing sites per LB227. This funding will increase the number of clinical sites in rural Nebraska, the number of nursing students clinically served in rural Nebraska and employment, attributed specifically to this program. This funding will fulfill the requirement to have simulation training provided to nursing students and be available to licensed nurses for competency training.

The College President recommends the simulator purchase for the College.