

Sul Ross State University
Position Description

Official Title: Simulation Technology and Instructional Specialist for Nursing

Salary Group: Professional Unclassified 4

Job Code: 3819

Summary

Scope: Performs numerous responsibilities and activities for the nursing department to develop and maintain the nursing curriculum within the Learning Management System assists with planning and design for the Nursing Education Center and coordinates and facilitates resources for clinical skills and simulation laboratory activities with the nursing faculty members.

Function: Assist with development of computer-based resources for the curriculum and clinical-simulation laboratory, including development of guidelines for activities required for the laboratories. Prepare and manage student clinical-skills and simulation learning experiences as requested by faculty members. Assist with development of learning experiences for nursing students. Assist nursing faculty to develop high-quality learning resources effective with online, blended, and face-to-face learning environments. Manage and organize supplies, equipment, and materials for skills and simulation laboratory learning activities. Assist faculty members to promote nursing student success.

Duties

Essential:

Operation and maintenance of high-, medium-, and low-fidelity mannequins.

Work collaboratively with resource personnel and other individuals to support faculty members with student learning in a simulation lab context, including development of simulation scenarios that promote student clinical skills and learning. Maintain knowledge and training of various software programs to enhance student clinical skills and simulation learning activities.

Provide mannequin voice-overs related to gender and age for mannequin responses. Organize the Clinical Skills and Simulation Laboratory environment so that it closely resembles actual clinical settings or patient situations. Prepare skills and simulation laboratory with supplies and equipment necessary for students to meet the objectives for each learning activity. Collaborate with faculty members on debriefing clinical and simulation laboratory learning activities.

Implement a standardized technology that offers a range of pre-approved software and technologies that support a variety of learning environments to promote nursing education.

Monitor educational technology developments, assess their functionality, and submit proposals for technology changes to enhance nursing-education platforms including simulation.

Collaborate with faculty members in the design and development of nursing courses. Provide service management for nursing educational technologies such as student response systems, lecture capture, digital media solutions, etc. Assist nursing faculty and students to learn the characteristics and elements of the SRSU selected LMS to achieve desired outcomes of the nursing education program. Advise and train faculty members on their use of the institution's LMS, multimedia, and other technologies, and use of learning roots to advance online and classroom instruction. Place nursing program course syllabi and course materials in LMS with focus on presentation of complex syllabus information in a manner that facilitates or promotes student learning. Assist nursing faculty members to obtain certification for LMS operation.

Provide technological support for online and classroom teaching/learning activities within the framework of the LMS to promote student achievement of course objectives.

Non-Essential: Performs additional job-related duties and responsibilities.

Supervision

Received: Reports to Director of Nursing

Given:

Education

Required: Master's degree in an area focused on education simulation, technology, or simulation and health lab support.

Experience

Required: Minimum of four years of employment and experience in computer science, education, or health lab coordination, with focus on the selected LMS and technology needed to support the nursing curriculum. Familiarity with office machines to provide assistance with classroom resources for faculty members and students. Strong interpersonal and excellent writing skills. Demonstrated skills with on-line and computer-based technologies with motivation to learn new technologies and skills required to organize and maintain low-, medium-, or high-fidelity mannequins and other equipment in the skills and simulation laboratories.

Any equivalent combination of experience, education and training may substitute for these requirements.

Preferred: 2 years working in the position of a simulation lab coordinator with a nursing or other health services education program.

Equipment/Skills

Required: Knowledge of modern computing, networking and communications systems; knowledge and training with educational simulation, particularly simulation mannequins, ability to organize and work effectively with an understanding of organizational policies and activities; ability to sit, reach, sort, file, type, write by hand, operate a personal computer and perform data entry while performing essential functions; proficient in communication, both oral and written; ability to lift, hold and carry approximately 50 pounds.

Working Conditions

Usual: Usual office and classroom conditions with attention and sensitivity to security and knowledge of SRSU policies and procedures. Standard office hours with occasional travel and some evenings to facilitate preparation for clinical skills and laboratory experiences as needed to meet program needs. Willingness to seek out opportunities to gain expertise with high-fidelity simulation. Exempt from Overtime provisions. Position is Security Sensitive.

Date revised: December 2021