SUMMARY:

Under minimal supervision, the Clinical Simulation Specialist will provide support for all facets of clinical simulation. This individual will provide technical support for all equipment used including computers (software and hardware), mannequins, task trainers, recording equipment and will perform routine requirements as well as maintenance when necessary. This person will function as a resource and assist with student teaching and faculty and staff training. This person will be responsible for maintaining and utilizing all technology used in the clinical simulation lab in coordination with the lab’s activities and uses. This position primarily reports to the Lab Operations Manager and the Director of Clinical Simulation and has secondary report to the Director of Operations in the School of Nursing.

RESPONSIBILITIES:

1. Serves as simulation operator by programming, testing, and running scenarios with faculty instructors, assuring that the faculty and equipment are set up for teaching sessions. Sets up, preps, and tears down rooms for various simulations.
2. Understand the use and operation of different simulator technologies ranging from anatomic models and task trainers to screen-based simulations and full body patient simulators.
3. Maintain and troubleshoot Manikin, simulation software, human patient simulators and medium fidelity patient simulators.
4. Maintains an educational setting to support competency and performance training for personnel providing medical care. Assists facilitators in operating simulator-based clinical education of trainees.
5. Assists students and faculty with preparing for and conducting simulation-based learning experiences. Trains faculty and other Simulation Center staff in the operational aspects of simulation.
6. Acquires and installs digital audiovisual hardware and software systems to record simulated sessions with subsequent editing and transfer into an archival format for analysis.
7. Provides technical support for computer based multimedia systems and their components. Supports the use of digital medic and web stream creation for educational and professional distribution, distribute content and back up data, and provide advances troubleshooting.
8. Installs software and hardware upgrades and maintains functionality of components as directed by manufactures support. Interfaces with the equipment manufactures
regarding equipment troubleshooting and systems problems; maintain record of repairs. Evaluate new equipment and identifies opportunities for technology improvement and integration into healthcare education.

9. Maintain proficiency in existing and emerging technologies, including basic theory, design and implementation.
10. Participated in technical training as necessary; attend conferences to stay current with simulation technology.
11. Perform other duties as assigned.

QUALIFICATIONS:

This position requires Bachelor’s degree in a related field and a minimum of one year of relevant experience. Work experience may not substitute for education requirements. The work of this position may require database management skills, some financial/budget experience, demonstrated knowledge of UAB specific policies and procedures. The position requires someone have a very strong working knowledge of APA formatting, Microsoft Word, Excel/Access, Front Page, PowerPoint and Oracle systems. To be successful in this position an individual should possess strong organizational, communication, work ethic and interpersonal skill. Must maintain confidentiality and adhere to all HIPAA and FERPA guidelines and policies.

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