LABORATORY TECHNICIAN - NURSING

BASIC FUNCTION

Under the direction of the area administrator, performs duties independently related to installation, maintenance, and adjustment of equipment in the computer instructional laboratory and human patient simulation (HPS) laboratories. Collaborates with nursing faculty to facilitate realistic simulation experiences for students, providing technical support during simulation sessions. Assists users in both labs with equipment operation and application of simulation use in case studies to promote learning of nursing behaviors. Creates a safe and effective learning environment for nursing students to develop clinical skills and competence.

DISTINGUISHING CHARACTERISTICS

The incumbent in this position coordinates with the nursing faculty to assist in preparing simulation scenarios that align with learning objectives and curriculum requirements. The work provides guidance and support to nursing students during simulation sessions, helping to navigate the simulation environment, operate equipment, and engage in simulated patient care activities.

ESSENTIAL DUTIES & RESPONSIBILITIES

The following duties and responsibilities describe the general nature and level of work being performed. It is not intended to be restricted or construed as an exhaustive list of all duties and responsibilities required of individuals so classified.

1. Maintain assigned computer classrooms and simulation labs in support of the nursing instructional program.

2. Install, operate, maintain, update and repair equipment and apparatus as it relates to computer technology and the simulation lab.

3. Provide instructional support to students and nursing faculty to improve competencies and skills related to human patient simulators.

4. Perform basic programming of simulators for practice scenarios as instructed by faculty.

5. Assists with the maintenance of the Nursing Department website as directed.

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6. Assist with setting up of simulators, equipment and accessories as needed for special lab lessons.

7. Inventory, stock, and maintain supplies for simulation and computer lab.

8. Assist with computerized learning activities and testing.

9. Maintain accurate records of simulation activities, including equipment usage, student participation, scenario outcomes, and any incidents or technical issues encountered during simulation sessions.

10. Maintain clean well-equipped lab and facilitates a supportive student learning environment.

11. Seek out ways to improve or enhance student learning and instruction through technology.

12. Attends meetings as assigned.

13. Perform other job-related duties as assigned.

QUALIFICATIONS

Knowledge Of:

- Installation, operation, testing, and minor repair of hardware and peripheral equipment.
- Software applications and basic hardware.
- Basic understanding of medical terminology and equipment used nursing simulation lab.
- Instructional methods used to support students learning computer-based applications.
- Oral and written communication skills.
- Excellent interpersonal skills, tact, patience, and courtesy.

Skills and Abilities To:

- Install, troubleshoot, repair, and support the operation of computers, peripheral equipment, audio-visual and multi-media equipment, and networks.
- Provide technical support and instruction to students and faculty.
- Communicate with people in the medical field.
- Receive and respond to requests from instructors for audio/visual and technical support.
- Develop and implement a maintenance plan for the computer lab and simulation lab.

Education and Experience:

Any combination equivalent to an associate degree with course work related to computer technology or healthcare technology and one (1) year experience in a related field.

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Certificates, Licenses, Special Requirements:

Certain assignments may require a valid California driver's license and the ability to maintain insurability under the district's vehicle insurance program.

Other Requirements:

Imperial Community College is committed to creating an academic and work environment that fosters diversity, equity, and inclusion and equal opportunity for all, and ensures that students, faculty, management, and staff of all backgrounds feel welcome, included, supported, and safe. Our culture of belonging, openness, and inclusion makes our district a unique and special place for individuals of all backgrounds. It is important that our employees' values align with our District's mission and goals for Equal Opportunity, Diversity, Equity, Inclusion, and Access.

WORKING CONDITIONS

Work Environment:

Duties are primarily performed in a classroom environment. Incumbents have extensive interactions with students. Frequent interruptions. Medium noise level.

Physical Demands:

Long periods of sitting and keyboarding requiring repetitive hand movement. Speak clearly and distinctly for the purpose of providing information or over the telephone. Ability to stoop, bend, kneel, crouch, reach, and twist, and to lift, carry, and/or move objects weighing up to 25 pounds.

<u>Vision</u>: See in the normal visual range with or without correction. <u>Hear</u> in the normal audio range with or without correction.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of this classification.

Mental Demands:

Making sound decisions and judgements to solve problems. Handle stress of meeting deadlines and demands of job. Communicate with others in fast paced environment.