PATIENT CARE SIMULATION TECHNICIAN

DEFINITION

Sets up, operates, and manipulates patient care simulators, multimedia, computer and related equipment needed for simulating medical conditions and responses used in nursing and other allied health courses.

TYPICAL DUTIES

Programs patient care simulators, prepares scenario props, and creates scenario moulage to model physiological responses to the clinical and skill objectives and specifications identified by instructional staff.
Sets up, operates, and manipulates patient care simulators and related media and computer equipment.
Restores laboratory to pre-scenario conditions.
Provides technical recommendation for simulation improvements.
Assists instructors with the implementation of virtual clinical medical scenarios.
Operates instructional media equipment such as video cameras, multimedia computer systems, and audio and video distribution systems used in a patient care simulation laboratory.
Explains to students the use of patient care simulators and related media and computer equipment.
Insures student compliance with lab policies, procedures, and safety precautions.
Receives, sets up, and tests new simulators and related multimedia and computer equipment.
Performs preventative maintenance and repair of simulation, media and computer equipment in the lab; diagnoses more serious equipment malfunctions and arranges for repair; arranges for general maintenance and repair of laboratory facilities.
Maintains a variety of records related to simulation lab operations and equipment.
Orders, maintains and provides security for supplies, materials, and equipment in the laboratory; stores, discards, and rotates supplies and materials according to procedures.
Maintains accurate patient charts.
Maintains laboratory schedule, attendance records, and tracks laboratory usage.
Assists in the research of purchasing options for lab equipment and software.
May provide training and work direction to student employees.
May be assigned to perform other duties in the Nursing Department during peak workload periods and in the absence of assigned staff.
Performs related duties as assigned.

DISTINGUISHING CHARACTERISTICS

A Patient Care Simulation Technician sets up, operates, and manipulates medical, multimedia, computer, and other related equipment used for patient care simulation exercises in a nursing and other allied health courses to create a virtual healthcare setting.

An Instructional Assistant, Nursing, applies a knowledge of nursing principles, procedures and techniques in assisting students with problems related to their assignments and is responsible for the day-to-day operations of one or more nursing laboratories.
SUPERVISION

General supervision is received from a Department Chair. Functional supervision is received from instructional staff. Work direction may be provided to student employees.

CLASS QUALIFICATIONS

Knowledge of:

- Patient care simulation technologies and applications
- Medical terminology
- Basic anatomy and physiology
- The features and capabilities of basic multimedia equipment
- The basics of electromechanical and pneumatic functions of equipment and devices
- Specialized computer software used in the nursing and allied health professions
- New developments in the use of human patient simulation learning
- Standard computer software applications
- Basic inventory and material storage procedures
- Recordkeeping procedures

Skill in:

The set up and operation of patient care simulation and related multimedia and computer equipment

Ability to:

- Utilize analytical problem solving skills to resolve issues related to patient care simulation scenarios
- Troubleshoot patient care simulator, multimedia and computer equipment problems
- Work effectively and collaboratively with nursing faculty, staff and students
- Maintain the confidentiality of information
- Communicate effectively both orally and in writing
- Take initiative and work independently
- Meet schedules and deadlines
- Give clear and concise instructions
- Keep accurate and precise records
- Learn the characteristics of new equipment and update skills to adapt to changing technology
ENTRANCE QUALIFICATIONS

Education and Experience:

Graduation from high school or its equivalent.

AND

A. One year of full-time paid experience in the programming, operation, and maintenance of simulation based medical learning systems.

OR

B. Successful completion of a patient care simulator training program and one year of full-time paid experience in direct patient care.

OR

C. Current valid certification in a health related field such as Certified Nursing Assistant (CNA) or Emergency Medical Technician (EMT) AND one year of full-time paid experience in direct patient care. Training and/or experience with patient simulation equipment and related multimedia equipment is desirable.

OR

D. Any equivalent combination of A. and B. and C. above.

Special:

Current and valid certifications in Basic Life Support, Advanced Cardiac Life Support and Advanced Trauma Life Support are desirable.

Reasonable Accommodation

Our class specification generally describes the duties, responsibilities, and requirements characteristic of the position(s) within this job class. The duties, responsibilities, and requirements of a particular position within this class may vary from the duties of other positions within the class.

In accordance with the Americans with Disabilities Act (ADA), the Los Angeles Community College District provides reasonable accommodation to qualified individuals with covered disabilities on a case-by-case basis throughout the application, examination, and hiring processes and throughout employment. If an individual is in doubt about his or her ability to perform the duties and responsibilities of a position or possession of any other requirement noted in a class specification or job announcement, he or she should always apply for a position and request reasonable accommodation at the appropriate time.