



Simulation Technician – Entry Level Position Template from HealthySimulation.com

Brief introduction to facility e.g. Name of institution, number and types of programs, size and scope of simulation lab.

Job Summary:

Under the direction of the simulation director/manager/faculty coordinator, the Simulation Operations Specialist will provide technical and mechanical support for the XYZ simulation center (or laboratory). This position is a 12 month, full-time placement. Occasional (or regular) evening or weekend shifts may be required.

Responsibilities:

- Maintains current knowledge of simulation/lab equipment catalogs and operation manuals.
- Programs simulator software to model simulator's physiological response to instructor specifications.
- Operates patient simulators and cameras for the duration of simulations.
- Operates and maintains audio-visual and debriefing systems.
- Sets up and takes down simulation laboratory equipment.
 - May involve rapid turnover of simulation lab set up.
- Maintains and repairs all simulation equipment, including:
 - Patient simulators, computers, monitors and a variety of medical equipment.
 - Troubleshoots equipment malfunctions and contacts vendors as needed.
- Collaborates with supervisor to organize, maintain and restock skills lab and simulation laboratory supplies.
- Provides technical support for task trainers and multimedia peripherals including:
 - Beds/examination tables, headwalls, patient monitors, and other health care equipment
 - Medication dispensing systems
 - Vital sign monitors
- Provides theatrical production (costuming and moulage) for simulation scenarios as requested.
 - Mixes fake body fluids and creates wounds.
- Provides technical assistance, support and training to faculty, instructors and staff in use of simulation equipment.
- Provides recommendations on equipment, supplies and materials.
- Collects data for ongoing research or grant requirements.
- Sets up and maintains surgical/procedural simulators
- Sets up and maintains computer-based training programs
- Maintains simulation activities and learner confidentiality.
- Performs other job-related duties as required.

Requirements:

- Strong interpersonal and communication skills (written and oral) to interact with and work effectively with other faculty, staff, students, and vendors in a positive, helpful and cooperative working relationship.
- Clinical knowledge and experience working in a healthcare related field such as EMT, paramedic, or other allied health profession certification and training).
- Experience with providing technical support in networking, computer hardware or software.
- Skills in operating a PC and Mac with experience in MS Office and the ability to learn additional software programs, including audiovisual and computerized simulation equipment.
- Knowledge of operation of standard audio-visual equipment: projectors, microphones, portable screens, media players, etc.
- Mechanical skills to competently maintain and use equipment in the simulation center.
- Organizational and time management skills to keep materials in order, track various projects, maintain files, and follow through assignments to completion.
- Ability to maintain confidentiality of information.
- Ability to quickly learn new technology
- Ability to express technical information clearly and simply to non-technical persons.
- Availability to work evening/weekends.
- Physical ability to lift, move, maintain and set up computer, audio-visual and simulation lab equipment weighing up to 50 lbs. without assistance.

Education and Experience (Delete as appropriate):

- BS degree in a related field such as Computer Science, Management Information Technology, Film.
- Extensive experience in computer technology and troubleshooting.
- AA/AS degree with at least 5 years related experience or the equivalent in the Information Technology Field.
- Combination of education, training and/or experience which can be demonstrated to result in possession of the qualifications necessary to perform the duties of this position.
- Familiarity with PC and Mac platforms.
- BS degree in Healthcare discipline or Medical Technology.
- AS degree in healthcare field:
 - Paramedic, medic, EMT, emergency tech, C.N.A., Respiratory Therapist, L.V.N. or hospital technician
 - Two to three years experience.
- Knowledge of medical terminology and human anatomy/physiology.

Closing date for application:**Method for applying including online applications:**



Contact information:

The XYZ Institution is an AA/EEO/ADA employer and openly seeks diversity in its hiring practices.

Notes:

- The name of the institution may be inserted in appropriate places throughout the document.
- Responsibilities, Requirements and Education should be revised to meet individual simulation program needs.
- Salary and benefit details may be included.
- Most institutions have specific legal wording for AA/EEO/ADA statements. This wording should be substituted into the document.