



Job Description – Medical Simulation Operator (AFMMAST)

OVERVIEW

Supports medical simulation training for the United States Air Force Medical Service (AFMS). Simulation Operator/Technician is responsible for maintaining and operating task trainers, mannequin-based simulators, and surgical simulators (at some sites) along with associated supplies and equipment. Primary duty locations are client's sites throughout the U.S.A.

PRIMARY RESPONSIBILITIES/TASKS

- Maintenance and operation of part-task trainers, mannequin-based simulators, and surgical simulators (at some sites) along with associated supplies and equipment.
- Contribute to the design, development, testing, and implementation of training materials and scenarios.
 - Set up simulation supplies and equipment to meet training objectives.
 - Operate simulation equipment, task trainers, computerized simulators and virtual reality procedural trainers.
- Operate an audio-video recording system.
 - Operate simulation equipment with the ability to manipulate physiologic data, follow medical aspects of scenarios, interpret participant's responses and make appropriate adjustments based on participant's actions.
- Conduct a scenario pre-brief and assist the instructor with after action report (debrief) if needed.
- Assist in the coordination and delivery of medical simulation expertise and support to standardized courses which lend themselves to simulation, such as: Basic Cardiac Life Support, Pre-Hospital Trauma Life Support, Pediatric Advanced Life Support, Advanced Cardiac Life Support, and Trauma Nurse Corps Curriculum.
- Support simulation needs of other formalized training programs as appropriate.
 - Assess the suitability of simulation scenarios already developed and make recommendations in order to adopt or adapt them as appropriate.
 - Assist with other identified AFMS initiatives, such as military utility equipment testing and beta testing of educational tools and programs
- Assist the Operation and Maintenance Staff in day-to-day training activities to include simulator operation, troubleshooting, and minor repairs Integrate simulation into organizational training initiatives to help ensure staff has the clinical skills needed to meet day-to-day operational requirements
- Coordinate and provide student logistics, and administration support needs Facilitate simulation training and provide feedback to the Course Director and/or Medical Facility staff Provide oversight of all simulation encounters to include after action reports (AAR) of simulation training.
- Work with a broad array of stakeholders to contribute to the development of training materials
- Exercises judgment to identify, determine the nature and potential sources of problems and selects appropriate course of action in response to problems and customer needs.
- Provides support to evaluate course content; initiates, recommends and implements modifications as necessary.
- In the absence of a Simulation Coordinator, the Operator will function in this capacity when classes are concluded.
- Duties may vary and are subject to change based on specific site requirements, training platform, and equipment at each site.

KNOWLEDGE/SKILLS/ABILITIES AND OTHER REQUIREMENTS (KSAO's)

- 5 years of clinical experience
- 1 year of military medical experience and deployment experience

- Excellent verbal, interpersonal and written communication skills
- Strong analytical, problem-solving and flexible decision making capabilities
- Team player with the ability to multi-task in a fast-paced work environment
- Ability to work under strict deadlines in a fast-paced environment
- Ability to work with all levels of internal staff, as well as outside clients and vendors
- Excellent problem solving skills with ability to analyze situations, identify existing or potential problems and recommend solutions
- Proficiency in MS Office Applications (Word, PowerPoint, Outlook, Excel)

Preferred KSAOs:

- Paramedic equivalent medical knowledge (with RN level preferred) as the Simulation Operator in order to be able to manipulate physiologic data and interpret participants' responses to a scenario
- 3 years' experience in the operation of patient simulation equipment
- Prior experience in course development and education methodology

EDUCATION

Bachelor's degree or knowledge/experience equivalent in a medical, nursing or medical technology discipline.