

# CORE COMPETENCIES FOR HEALTHCARE SIMULATION TECHNOLOGY SPECIALISTS

## Audio-Visual Technology:

- Operate a range of audiovisual hardware and software.
- Provide technical support and troubleshooting to others.
- Source, install, update, maintain and repair equipment.
- Use expertise in audiovisual technologies to achieve organization objectives.

## Education:

- Knowledge of adult education principles, methodologies, regulations, and standards.
- Support all aspects of the learning environment.
- Support the learning experience of all simulation center users.
- Document learner participation and progress.

## Healthcare:

- Knowledge of healthcare professions, procedures, and environments.
- Knowledge of principles of patient care.
- Knowledge of medical terminology, anatomy, and physiology.
- Knowledge of principles of quality and safety in healthcare.

## Information Technology:

- Operate a range of information technology hardware and software.
- Provide technical support and troubleshooting to others.
- Source, install, update, maintain, and repair equipment.
- Use expertise in information technologies to achieve organization objectives.



## Management & Operations:

- Establish and maintain systems and processes for resource management.
- Plan and manage projects.
- Comply with internal and external policies, standards, and regulations.
- Document and report on program operations.

## Research & Evaluation:

- Facilitate the use of simulation for research and evaluation.
- Establish and maintain systems for data management.
- Analyze data and disseminate findings.
- Knowledge of research methodology.

## Simulation:

- Operate a range of simulation technologies.
- Provide technical support and troubleshooting to others.
- Source, install, update, maintain and repair equipment.
- Use expertise in simulation to achieve organization objectives.

## Theatrics & Staging:

- Create moulage to model physiological responses to the scenario events.
- Prepare the simulation environment to represent the clinical setting.
- Support the use of simulated participants within the simulation program.

Healthcare Simulation Technology Specialists: Empowering use of simulation technology for improved learning and patient care outcomes.