

Simulation Level One: Introduction to Simulation

Audience: Level One **Experiential Learning and Assessment Documentation**

Objective 1: Explain why assessment is important when planning simulation.

Objective 2: Identify assessment techniques including Learning Management Systems.

Audience: All Scholars **The Fundamentals of Simulation and Modalities**

Objective 1: Identify opportunities for simulating real-world situations of the health professions.

Objective 2: Given 4 modalities of simulation (partial task trainers, high fidelity manikin simulators, virtual reality simulators, and standardized patients), differentiate their purposes and apply their knowledge in hands-on exercises.

Audience: Level One **Introduction to constructing simulation scenarios and Debriefing**

Objective 1: Given a set of learning objectives, learners will integrate knowledge of simulation modalities and write a case scenario which outlines the various details of a learning activity.

Objective 2: Discuss methods of providing feedback in a debriefing session.

Audience: Level One **Practical Experience in Simulation**

Objective 1: Perform the role of a learner and participate in a guided debriefing activity.

Objective 2: Discuss outcomes of guided debriefing

Simulation Level Two: Applied Techniques of Simulation Education

Audience: Level Two **Designing Simulation Pt 1**

Objective 1: Develop the necessary materials for conducting a simulation experience.

Audience: Level Two **Designing Simulation Pt 2**

Objective 2: Plan and perform the role of instructor during a simulation experience.

Audience: Level Two **Conducting Debriefing**

Objective 1: Construct open ended questions related to the simulation experience.

Objective 2: Select appropriate debriefing methods for the simulation experience.

Objective 3: Demonstrate techniques to monitor progress of debriefing

Audience: Level Two **Assessing Learning**

Objective 1: Create a tool for assessing learner's progress and/or competency.

Objective 2: Utilize multiple assessment modalities to triangulate observations.

Objective 3: List assessment modalities to determine instructor efficacy.

Simulation Level Three: Advanced Topics in Simulation

Audience: Level Three **Technology Tips and Tricks**

Objective 1: Discover the intricacies of utilizing technologies to set up and perform a manikin or task training educational scenario.

Objective 2: Utilize lifesavers and other troubleshooting techniques

Audience: Level Three **Difficult Simulation Situations: What could possibly go wrong?**

Objective 1: Observe video based problem situations

Objective 2: Discuss solutions to problem situations

Audience: Level Three **Ultrasound Curriculum**

Objective 1: Discuss the impetus and curriculum development of a 4 year ultrasound program

Objective 2: Participate in hands on exercises

Audience: Level Three **Program Development**

Objective 1: Determine good sources of funding

Objective 2: Assure institutional buy in and faculty support

Objective 3: Participate in Q/A with panel of experts