



Teaching with Simulation: An Instructor Course Certificate Program

Day 1 – The Fundamentals of Teaching with Simulation

Time	Topic
08:00-08:30	Sign-In/Refreshments/Course Overview
08:30-09:30	A Sample Simulation Case: (Sample Simulation Case with Debriefing)
09:30-09:45	Break
09:45-10:30	Recognize the Principles: Theory & Learning Domains (Putting it into Practice)
10:30-11:30	Designing a Simulation of Any Kind Using Kern's Six Step Process
11:30-12:45 (Lunch)	Incorporating Evidenced Based Teaching/ Learning Strategies: A Look at the Learner's Perspective (Movie and Review)
12:45-13:15	How To Make it All Happen
13:15-14:00	The Scope of Simulation: Select the Appropriate Tool for the Task
14:00-14:15	Break
14:15-15:00	Scavenger Hunt: Select Simulation Modalities that Support the Fidelity of the Scenario/Simulation
15:00-16:00	Develop a Procedural Teaching Session
16:00-16:15 Homework (part of CEU requirement): One hour	Homework
16:15-16:30	Reflect, Review, and Evaluate Learning Activities



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Day 2 - Session Development & Team Training

Time	Topic
08:00-08:15	Sign-In/Refreshments/Plan for the Day
08:15-09:00	Coaching and Feedback for Skills Acquisition
09:00-09:45	The Art of Asking Questions: Practice the Art of Questioning and Active Listening
09:45-10:00	Break
10:00-11:00	Apply Simulation Design and Teaching Principles to Procedural Teaching Session: Coaching Procedural Teaching Sessions
11:00-11:30	Coaching Procedural Teaching Session Debrief
11:30-12:00	Lunch
12:00-12:45	High Level Educational Objectives and all Three Domains
12:45-13:15	Apply teamwork dynamics to a group exercise
13:15-13:30	Break
13:30-14:30	Describe the various forms of team training
14:30-15:00	Analyze the process for developing team based scenario
15:00-16:00	Group Teamwork Case Development
16:00-1630	Reflect, Review, and Evaluate Learning Activities
16:30 PM Homework	Adjournment: Homework

Day 3 - Debriefing & Building Simulation into Practice

Time	Topic
08:00-08:15	Sign-In/Refreshments/Plan for the Day
08:15-08:45	Debriefing with Good Judgment
08:45-09:30	Practice Debriefing
09:30-09:45	Break
09:45-10:15	Co-Debriefing
10:15-10:45	Using Video for Feedback and Debriefing
10:45-11:45	Run & Debrief First Group Teamwork Case: Apply Simulation Design & Teaching Principles to a Student Designed Case
11:45-12:30	Lunch
12:30-13:30	Compare and Contrast Interprofessional Teaching from Interdisciplinary Teaching
13:30-14:15	Manage the Challenging Debriefing
14:15-14:30	Break
14:30-14:45	Bus to LionReach for Disaster Simulation
14:45-15:45	Group Disaster Simulation in the LionReach
15:45-16:15	Watchman Review, Questions, Evaluations, & One-Minute Paper
16:15	Adjournment: No Homework
18:00-20:00	Simulation Networking Event



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Day 4 - Expanding Simulation Options

Time	Topic
08:00-08:15	Sign-In/Refreshments/Plan for the Day
08:15-09:30	Run & Debrief Second Group Teamwork Case: Apply Simulation Design & Teaching Principles to a Student Designed Case
09:30-10:30	Flat-Screen Simulation
10:30-10:45	Break
10:45-11:30	Examine the Development of a Complex Simulation Within a Hospital System
11:30-12:00	Lunch
12:00-13:00	Apply Research to Simulation Activities
13:00-13:30	Incorporating Simulation Into a Curriculum: Begin the Discussion about Fidelity and the Use of Humans as Simulators
13:30-15:00	Using Standardized Patients (The OSCE Experience)
15:00-15:15	Break
15:15-16:00	Examine the Development of an OTSE Within a Hospital System
16:00-16:30	Watchman Review, Questions, Evaluations, & One-Minute Paper
16:30 PM	Adjournment: Homework



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Day 5 - Debriefing, Instructor Development, & the Simulation Community

Time	Topic
08:00-08:15	Sign-In/Refreshments/Plan for the Day
08:15-09:15	Examine and Critique Debriefing Techniques: Master & Commander: (Another Way to Debrief)
09:15-10:30	Run & Debrief Third Group Teamwork Case: Apply Simulation Design & Teaching Principles to a Student Designed Case
10:30-10:45	Break
10:45-11:15	Program Evaluation Using the Kirkpatrick Model
11:15-12:30	Moulage: Practice moulage for the right amount of realism
12:30-13:00	Lunch
13:00-13:45	The Simulation Community, Accreditation, & Certification: Mentorship, Networking, CHSE & CHSOS exam. (Simulation Connections)
13:45-14:15	Controversies and Questions: Ask the Instructors
14:15-14:45	Debriefing: Putting It All Together
14:45-15:15	Participants' Take-Home; Evaluate the Impact of the Course on Individual Learners
15:15-15:45	Final Comments, Questions, Daily and Summary Evaluation
15:45	Adjournment