Designing and Implementing Simulation-Based Mastery Learning Curricula

Course Directors
Walter Eppich, MD, MEd
William C. McGaghie, PhD

Course Description
Mastery learning is a rigorous form of competency-based education. Use of the mastery model has been shown to improve patient care quality and lower costs. Northwestern Simulation faculty are leading experts in the use of simulation-based mastery learning to develop and measure clinical skills. This five-day course will offer participants opportunities to acquire the knowledge and skills needed to design and implement mastery learning curricula in the following key domains:

- Resuscitation
- Procedural skills training
- Communication skills

After this course, participants will be able to:

- Design simulation-based mastery learning curricula
  - Perform needs assessment
  - Modify existing curricula to align with mastery learning goals
  - Select or develop instruments for outcomes assessment
  - Set performance standards to establish mastery learning goals
  - Rater to training to ensure reliable assessment
- Implement simulation-based mastery learning curricula
  - Create supportive learning environments needed for rigorous deliberate practice and robust performance feedback
  - Structure feedback and debriefing tailored to achieve mastery learning goals
- Recognize the value of research and scholarship for program improvement and career advancement

Dates: June 27 to July 1, 2016

Location: Northwestern University Feinberg School of Medicine
Department of Medical Education and Northwestern Simulation
Chicago, Illinois USA