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Western States Simulation Alliance BRIDGES Conference

Building Relationships, Innovation, Development, and Growth Excellence in Simulation

Designing Simulation Courses in Prelicensure Nursing Education: Aligning
Faculty Workload with Student Learning Outcomes

San Diego | November 7-8, 2025

Introductions

- Ronda Durano, MN, RN, CHSE
 - Simulation Program Coordinator, Highline College, Des Moines, WA
- Christine Couch, MSN, RN, CNE
 - Nursing Faculty and Curriculum Coordinator, Highline College, Des Moines, WA

Learning Objectives

- Apply best practices in simulation course design to address learner outcomes in prelicensure nursing education.
- Examine strategies to enhance simulation infrastructure through consistent hours, faculty workload planning, and curricular alignment
- Explore interprofessional partnerships to create collaborative learning experiences.

Simulation Course Development

- Dedicated simulation courses for students at every level in the nursing program (2-year pre-licensure ASN)
- One credit course (11 student contact hours)
- Content relates to theory coursework, lab skills, & clinical rotations

Our Purpose

- Curriculum revision necessary
- Clinical placement challenges
- Faculty load balancing
- Clearer simulation evaluation process
- New simulation rules

Steps in the Process

1. Faculty curriculum work
2. Determining simulation course hours and content
3. Course mapping, outlines and approvals
4. Course development

Partners in Process

- Simulation Program Coordinator
- Curriculum Coordinator
- Simulation Faculty
- Simulation Operations Specialist
- Clinical Placement Manager
- Respiratory Therapy Director & Faculty
- College administration
- State Board & National Accreditors

Lessons Learned

- Faculty development needs
- Resource, space and equipment needs
- Time constraints



Simulation Course Sample Content

- High fidelity simulator scenarios
- Progressive/unfolding scenarios
- vSimtm activities with synchronous instructor debrief
- Virtual simulation/online activities with assigned reflections
- Guided tabletop simulation activities
- Interprofessional Simulation with Respiratory Therapy program

What's Next?

- Repeat Gap Analysis
- Gather and review data
- Ongoing simulation professional development for faculty
- Expanded use of simulation space
- Creative ideas for simulation course content

Evaluation Methods

Students

- Formative feedback using Quint Rubric (Prion, 2017)
- Professionalism, Teamwork, and Collaboration outcome as the course competency

Scenarios and Faculty

- SET-M tool (Leighton, 2018)
- DASH (Simon, 2010)
- Quarterly course evaluations

Leighton, K, Ravert, P., Mudra, V., & Macintosh, C. (2018). Simulation Effectiveness Tool – Modified. Retrieved from <https://www.healthysimulation.com/tools/evaluating-healthcare-simulation/simulation-effectiveness-tool-modified-set-m/>

Prion, S. K., Gilbert, G. E., Adamson, K. A., Kardong-Edgren, S., & Quint, S. (2017, March). Development and testing of the Quint Leveled Clinical Competency Tool. Clinical Simulation in Nursing, 13(3), 106-115. <http://dx.doi.org/10.1016/j.ecns.2016.10.008>

Simon R, Raemer DB, Rudolph JW. 2010. Debriefing Assessment for Simulation in Healthcare (DASH)©

Early Data and feedback

Student Comments

- *“The simulation experience helped direct my practice of assessment and med admin skills and showed where I need to improve.”*
- *“Simulation provided time for us to understand and learn.”*
- *“Taught me about observation of patient environment and critical thinking.”*

Selected SET_M criteria

- 74% strongly agree “I am better prepared to respond to changes in my patient’s condition.”
- 89% strongly agree “I am more confident in providing interventions that foster patient safety.”
- 100% strongly agree “Debriefing was valuable in helping me improve my clinical judgment.”

Other Curriculum Additions to Bridge Gaps

- Pediatric, Mental Health, and Mother/Baby workshops
- Preceptorship Workshops
- Conflict Resolution/Communication Presentation



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Thank you!

Conference survey for BRN CEs will be e-mailed to participants.

For more information, please contact us at: westernsim@healthimpact.org

