Best Practices in QSEN Education: Lessons Learned and the Road Ahead

Mallie Kozy PhD RN PMHCNS-BC
Lourdes University College of Nursing
Forces influencing Curriculum Design

Finances

Accreditation

IOM Standards

Content Standards

Nursing Curriculum
New Curriculum 2011

INTEGRATED

QSEN

CONCEPT BASED
QSEN Based Learning Outcomes

- Safety
- Patient Centered Care
- Teamwork and Collaboration
- Evidence Based Practice
- Quality Improvement
- Informatics
- Culture
- Leadership
- Community
- Values Based Care
# Integrated Curriculum

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>General Education, Core and Pre requisites</td>
<td>General Education, Core and Pre requisites</td>
</tr>
<tr>
<td>2</td>
<td>General Education, Core and Pre requisites (apply to Major)</td>
<td>Fundamentals, Community, Evidence Based Practice, Integrated Clinical 1</td>
</tr>
<tr>
<td>4</td>
<td>Med Surg 2, Leadership, Integrated Clinical 4</td>
<td>Complex Care, Precepted Practicum, Capstone Course</td>
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Implementation

Challenges

• Time
• Finding Clinical Sites
• Education of Adjuncts
• Education of Clinical sites
• Teaching in a collaborative fashion
• Lines of Communication
Educational Culture

DISCLAIMER
Bandura-Social Learning Theory

- ... personal, behavioral, and environmental factors influence one another in a bidirectional, reciprocal fashion. That is, a person's on-going functioning is a product of a continuous interaction between cognitive, behavioral, and contextual factors. For instance, classroom learning is shaped by factors within the academic environment, especially the reinforcements experienced by oneself and by others.


- WAS OUR EDUCATIONAL CULTURE SUPPORTING OUR OUTCOMES?
Patient/Learner Centered

QSEN CONCEPT

• Recognize the patient as the source of control and full partner in providing care based on respect for patient’s preferences, values, and needs. —QSEN consortium

Learner Centered Education

• Ultimately, learners must independently seek their personal learning goals, and those goals must be understood as a lifelong pursuit
Some approaches

• Learner centered teaching
  • Increase accountability
• Portfolios
• Example of classroom norms
<table>
<thead>
<tr>
<th>Teamwork and Collaboration</th>
<th>Collaborative Teaching/Learning</th>
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<tbody>
<tr>
<td>• What it is: Function effectively within nursing and inter-professional teams, fostering open communication, mutual respect, and shared decision-making to achieve quality patient care.</td>
<td>• What it is: Functioning as a cohesive team through out the curriculum</td>
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<td></td>
<td>• And: an instructional method in which students work together in a small group to complete a task and achieve shared learning goals</td>
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Creating the culture

• Faculty working in an integrated way
• Open communication
• Coordinated Content

• Tried and true methods
  • Joint papers
  • Joint projects
    • Team charters
• Innovative methods
  • Collaborative testing
  • Wiki projects

• Interprofessional education
Safety

Safety

• Minimizes risk of harm to patients and providers through both system effectiveness and individual performance.
  • CULTURE OF SAFETY

Learning in a safe environment

• Simulation
• Skill and Assessment check off’s
• Handling of near misses and errors
Evidence Based Practice

- What it is: Integrate best current evidence with clinical expertise and patient/family preferences and values for delivery of optimal health care.

Evidence Based Curricular Changes

- Teaching learning strategies grounded in evidence
- Decisions based on faculty expertise
- Teaching based on student values-Relevance
Sources of Evidence

- Research
- Student Evaluation
- Learning Assessment
- Faculty expertise
Informatics

• Use information and technology to communicate, manage knowledge, mitigate error, and support decision making.

Technology Based Education

• Simulators
• E H R
• Tablets and Smart phones
• Access to information during testing
• Checklists during check offs
• Dose calculations
Quality Improvement

Quality Improvement
• Use data to monitor the outcomes of care processes and use improvement methods to design and test changes to continuously improve the quality and safety of health care systems

Learning and Program Assessment
• Assessment of Learning Outcomes
• Assessment of Program Effectiveness
• ACCREDITATION STANDARDS
Conclusions:

- Effective QSEN education goes beyond teaching strategies and into educational culture. This means:
  - A move toward learner-centered education
  - Collaborative teaching practices and learning strategies that support collaborative learning
  - Creating a culture of safety for student learning/mistakes
  - Curricula based not only on evidence but faculty expertise and student values
  - Teaching strategies that embrace technology
  - Utilizing learning assessment and program effectiveness as the basis for continuous educational innovation and improvement.