

# Implementation of Current Technology in Online Learning

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## Intro and Purpose

- The Institute of Medicine (2010) recommended by 2020, 80% of the nurses to obtain baccalaureate degree.
- The JCHS online RN-BSN Program was restructured to address that need.
- The **purpose** of this project was to assess the effectiveness of emerging technologies in online teaching.

## Literature Review

- Online educators are challenged to use emerging technologies to increase student's engagement and satisfaction with online learning.
- Most successful learning methods promote active learning in a safe and fun environment (Bradshaw & Hultquist, 2017).
- Simulation augments clinical experience for RN BSN students (American Association of Colleges of Nursing, n.d.).
- The National Council of State Board of Nursing (2015) concluded 50% of simulation can replace traditional clinical experience.

## Methodology

Multi-phase Quality Improvement Project:

**Phase 1:** Pre-survey.

- A convenience sample of 75 Post-licensure BSN students
- Distance Education Learning Environments Survey (DELES) with six sub- scales
- Qualitative evaluation of learning attitudes and web technology, instructor support, student interaction and collaboration, personal relevance, authentic learning, active learning, and student autonomy

**Phase 2:** Faculty evaluation

- purchase of virtual programs
- training
- course implementation.

**Phase 3:** A post-survey

- Evaluation of the students' satisfaction post implementation of Blackboard Ultra Collaborate and Shadow Health Virtual Programs.

## Results

2015 **post- course evaluations:**

- 100% **satisfaction** with access to faculty, student interaction and use of technology.
- 80% satisfaction with **collaboration** and **engagement** between students and faculty
- 60% **enthusiasm** for online learning

## Conclusion

- Student engagement is essential for achieving academic outcomes and increasing satisfaction with online education.

## References

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