

A Comparison of Online and Televised Interactive Classroom Learning for Undergraduate Nursing Research

Mary Anne Hales Reynolds, PhD

School of Nursing, Northern Arizona University, Flagstaff, AZ, USA

Nancy Renn, PhD, MS

School of Nursing, Idaho State University, Pocatello, ID, USA

Purpose: The purpose of this study is to compare online and televised interactive learning on knowledge, skill acquisition, grade, and satisfaction of undergraduate nursing research students and to identify variables that may influence online and in classroom learning. **Methods:** This comparative survey research study compares data of approximately 72 online junior nursing students to 45 televised interactive students. Both classes are taught by the same two instructors using the same class objectives, content modules, and grading rubrics. Content information for the televised interactive students is taught in the traditional classroom manner. Content information for the online students is presented in an online format. Pre class survey data include demographic variables such as age, experience with online learning, reasons for selecting mode of instruction, and research knowledge questions. Post class survey data include research knowledge and skill acquisition questions and satisfaction with class and learning outcomes. Students provided comments relating to their experience as well. **Results:** There was no statistically significant difference between the two groups related to knowledge and skill acquisition and student satisfaction. In addition, variables such as age, reason for selecting the method of choice and past online experience were not predictive of online versus in classroom success. Convenience was the primary reason for selecting a specific modality. **Conclusions:** There is a great deal of emphasis in nursing education to utilize online teaching methods in rural settings; however, there is very little data in the literature that compares knowledge and skill acquisition outcomes and overall student satisfaction of on line learning. The results of this study provide valuable data that can be used in making decisions relative to the effectiveness of different modalities of education. Further research needs to be done to examine faculty related issues such as satisfaction and system related issues related to resources and cost.

Title:

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Keywords:

online learning, outcomes and teaching

References:

Moore, M., & Kearsly, G. (2011). Distant education: A systems view of online learning (3 ed.,) Belmont: Wadsworth. Chen, P., Lambert, A., & Guidry, K. (2010) Engaging online learners: The impact of web-based learning technology on student engagement. Computers and Education, 54(4), 1222-1232.

Abstract Summary:

This study compares online and televised interactive learning of undergraduate nursing research students.

Learning Activity:

LEARNING OBJECTIVES	EXPANDED CONTENT OUTLINE
The learner will be able to compare online and in classroom outcomes.	Identify several measurable learning outcomes.

The learner will be able to discuss advantages and disadvantages of online and in classroom learning.	Discuss several advantages and disadvantages to online and in classroom learning.
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Slot:

C 04: Friday, April 8, 2016: 3:15 PM-4:30 PM