Review of Literature on Chickering and Gamson’s Seven Principles of Good Practice in Undergraduate Education: Has Teaching with Technologies Improved Since 1987?

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Since their publication in 1987, Chickering and Gamson’s Seven Principles of Good Practice in Education have served as guidelines for faculty members, students, and administrators to improve education. While the effectiveness of teaching with technologies is difficult to measure, research findings suggest that the quality of traditional, blended, and online education increases as the technology improves. Eight publications on the application of the Seven Principles and effectiveness of various technologies were reviewed. The goal was to determine the extent in which best practices were integrated to measure teaching effectiveness when using various technologies. Findings showed that high-speed internet access and inexpensive computers have since fostered contact and interaction between student to student and student to faculty. It was found that utilizing both real-time and anytime methods significantly increased the effectiveness of distance learning courses, supporting Principles 1, 4, and 7.