



Student Perception of Mobile Technology Use in Athletic Training Program Curriculum

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Abstract:

Student Perception of Mobile Technology Use in Athletic Training Program Curriculum Moore, SD and Clason, BA: California State University, Fresno, California Context: Senior students enrolled in a professional Athletic Training Program utilized tablets in program courses they were enrolled in. Objective: To examine student perception of tablet use in the Athletic Training Program. Design: Cohort. Setting: Athletic Training classroom. Participants: 16 senior Athletic Training students (5 males, 11 females) who had not previously used tablets in Athletic Training Program courses as part of the University's tablet initiative. Data Collection and Analysis: Over the course of the academic year, senior Athletic Training students used a tablet in and out of class to complete course assignments, assessments, and clinical practicum requirements. Senior students completed a survey at the start of the academic year (T1) and again at the conclusion of the academic year (T2). The survey asked students to rate their perception on a scale of 1 (extremely disagree) to 6 (extremely agree) regarding the use of tablets in the classroom including knowledge of effective tablet use, apprehension, and performance on coursework. Descriptive statistics and dependent t-tests were conducted for each of the dependent variables. Results: After one year of using tablets in the classroom, students reported an increase in knowledge of how to use the tablet effectively for coursework (T1: 3.8 ± 1.2 , T2: 4.8 ± 0.58 , $p=0.008$), a decrease in apprehension about using a tablet for coursework (T1: 4.1 ± 1.1 , T2: 3.1 ± 1.2 , $p=0.019$), and an increase in the belief that a tablet enables them to accomplish homework tasks more quickly (T1: 3.8 ± 0.91 , T2: 4.4 ± 0.91 , $p=0.045$). Conclusion: After one year of using tablets in the classroom, Athletic Training students grew more comfortable using tablets in the classroom and indicated they could effectively and efficiently utilize a tablet to complete coursework. These findings suggest Athletic Training Program students respond well to the integration of mobile technology in the classroom and Athletic Training Programs should consider integrating mobile technology in the classroom. Key Words: Educational Strategies, Technology.