

Abstract Submitted
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Engaging Students in a Physics Course through Use of Digital Video Capture and Analysis ZENOBIA LOJEWSKA, Springfield College — Use of digital video motion analysis as a teaching tool in an introductory physics course is presented. The focus of the presentation is the application of digital video technology in a *Physics for Movement Science* course geared towards Physical Education, Athletic Training and Exercise Science majors. *The Dickinson movie set* was found to be the most applicable for in-class activities, homework assignments, and projects. Some of the movie clips chosen for analysis are focused on human motion and sports. Additionally, students are starting to capture and analyze their own movie clips.

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