

Abstract Submitted  
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**Comparing the Attitudes of Pre-Health Professional and Engineering Students in Introductory Physics Courses** MEGHAN MCKINNEY, Northern Illinois University — This talk will discuss using the Colorado Learning Attitudes about Science Survey (CLASS) to compare student attitudes towards the study of physics of two different groups. Northern Illinois University has two levels of introductory mechanics courses, one geared towards biology majors and pre-health professionals, and one for engineering and physics majors. The course for pre-health professionals is an algebra based course, while the course for engineering and physics majors is a calculus based course. We've adapted the CLASS into a twenty question survey that measures student attitudes towards the practice of and conceptions about physics. The survey is administered as a pre and post assessment to look at student attitudes before and after their first course in physics.

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