

Abstract Submitted
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Innovation in Physics Education WILLIAM RIFFE, Kettering University — University education is changing from a heavy reliance on text book learning to a broader application of those principles called experiential learning. Theory without some demonstration of the application of physical principals often leaves students wondering how to apply those theories. Kettering University has emphasized with all of its faculty how to apply this approach in all of its courses, regardless of discipline. Faculty participates in workshops to understand (1) the need for change, (2) the fundamentals for changing a small part of their classes toward innovation, and (3) the benefits from making those changes. This presentation describes our approach to demonstrate what we have accomplished.

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