

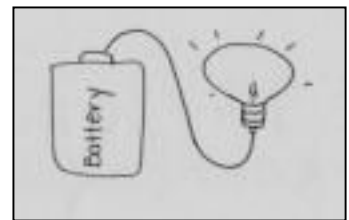
Physics Department Seminar

Friday April 9th, 2004

11:00am in PhSc 106

NOTE
ROOM
CHANGE!

“Should A Student Be Able To Light A Light Bulb After Taking Physics?”



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Abstract:

A study by researchers from Harvard University has shown that students can graduate from MIT, yet not know how to solve a simple physics

problem: lighting a light bulb with a battery and wire. This research, along with thousands of other studies, has indicated that many of the assumptions that we hold about learning are based on a series of myths. This talk will present some research-based cognition-combined learning systems that have been developed for teaching introductory physics. The challenges and effectiveness of those learning systems will be discussed in detail.