

title	Solar Powered Lighting System
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proj_desc	We have been developing an LED-based lighting system that is powered by photovoltaic cells. The unique constraint of this system is the low cost requirement - \$10 or less per system. Continued research will involve ways to minimize costs by means of electrical design improvement, optimization of manufacturing processes, and utilization of labor and resources that are available at the implementation site. We seek three students with backgrounds that include physics, IME, EE, MATE, and Business. Students of any discipline who are interested in the project are invited.
inter_desc	Project development not only requires expertise across all technical disciplines, but additionally incorporates economic, business, and social aspects for designing, manufacturing and effectively disseminating a product that is appropriately of use to the consumer. This holistic, integrated, cross-disciplinary approach to invention represents a new priority in present industry; one which students will find rewarding – both in the learning process and in future professional opportunities.
links	
students	3
majors	ENGR, BUS, SCM, ARCH, LS
date_added	2007-11-21 15:12:42