

SIU Sustainability Council Projects
Final Report

Project title: *Video Field Lighting Conversion*
Project I.D. #111204
Award date: *15 December 2011*
Completion date: *20 November 2012*
Funds used (if different from award amount): \$2813

Brief write up of project/project experience (not to exceed 250 words)

This project was designed to demonstrate energy efficient lighting in the field kits used by video and film students in the College of Mass Communications and Media Arts. Traditional tungsten lighting kits used by students consumed as much as 3000 watts of energy and also carried the risk of burns to students adjusting or disassembling the lights.

New generation LED lighting panels provide the same light output with only about 10 percent of the power consumption and no heat hazards.

The sustainability council provided funding for one three-light kit to replace an existing tungsten kit. We were fortunate that, with falling prices in this particular product area, we were able to identify a newer product line than the one we had first quoted that we liked better and was actually less expensive. As a result, we were able to get one full kit plus two-thirds of another.

The project showed that these LED lights were not only practical for use by students, but also quite a bit easier to set up and use. This also prepares students for the job market since many studios have already invested in this technology.

Best things learned/produced from project

How much easier this newer technology was to work with.

How do you define sustainability?

Treating our natural resources in a manner that allows for these assets to be conserved or replenished indefinitely.

Has this changed over the course of your project? If so, how?

Not really

What do you see as the next step for the project?

This demonstration only shifted a small portion of our existing inventory of lights. But the experience here, we hope, will lead the way to replace other lights as financial resources allow.

Optional: Suggestions for the SIUC Sustainability Council

Attach a minimum of five images – these will be used to promote interest in Sustainability Council projects.



Three light kit in case



Side by side with tungsten light



Panel turned on



Students using kit in RT370

