

May 2015 Progress Report

Solar Energy Technologies: Fundamentals and Applications in Buildings

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Project Description

This project develops a new online course in solar energy technologies, with emphasis on solar applications in buildings, taking account the unique solar resource and infrastructure in the state of Florida. The course will be offered completely online through the Blackboard Learn system. The course targets senior undergraduate students and entry level graduate students who study in FIU as well as other universities in the state of Florida. The course will be offered at least once a year. Students will earn 3 credit hours by taking the course in the Spring, Fall, and/or Summer semesters.

Summary

A project account has been set up for this project in Florida International University on Nov. 11, 2014.

The new course has been reviewed and approved by the College of Engineering and Computing Curriculum Committee, and the University Curriculum Committee at FIU. The course has been published in the university's Curriculum Bulletin 4. During this reporting period, the PI has discussed the related faculty members at FIU to clarify and refine the scope of the new course.

The PI is currently in the process of collecting, evaluating, and preparing teaching materials. Once a new course number is issued, the PI will work with the FIU Online department to design a fully online course.

Funds leveraged/new partnerships created: The PI is exploring how to leverage the FESC funds for new collaborations or proposals.