

Abstract Submitted
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Enriched Curriculum for Energy Education RUWANG SUNG, University of Northern Colorado — Introducing fundamental science concepts and real world issues in energy, renewable energy, energy conservation and the environment to college students has become increasingly important and urgent in higher education. Efforts to effectively incorporate energy materials have led to improvements in the instructional methodology of the general education course “Energy and the Environment.” A new approach will be reported, including: 1) adding hands-on projects related to daily life experience; 2) infusing updated information on renewable energy applications into course projects through collaborations; 3) introducing energy and environmental concepts to art majors to stimulate creative art work; 4) broadening student understanding of related issues from a global perspective through a successful study-abroad initiative; and 5) using an online course platform *EnhanceEdu* to manage multilevel interactions with students.

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