

Promotion of Alternative Energy Education Workshops 2010: Reengineering Math and Science Education with Alternative Energy Applications

Explore technology, math and science with applied renewable energy technologies, including solar, wind, bio fuel, human power and hydrogen fuel-cells.

How Solar Works



The primary goal is for *teachers and students* to learn available renewable energy technologies as a tool to promote math, science and technology education in their classes. A new curriculum package based on the material presented in the workshop with an emphasis on improving students’ math and science knowledge, skills and technological literacy will be applied in the spring, summer and fall 2010 semesters, with Dr. Faruk Yildiz and Dr. Doug Kingman’s involvement. Upon workshop completion, attendees will be able to implement the conventional and renewable energy and efficiency concepts in their classrooms by checking out the testbed materials used in the workshop, including *an energy bike, “e-bike”, PV solar cells, model wind generators, skylight installation, passive solar air/water heating systems and bio fuel powered*



tractor. Training on *Hydrogen fuel-cell* systems will be given at Industrial Technology labs.

Science & Technology Teachers Workshop

Friday, March 5th, 2010 - 8:30am to 4:30pm
Workshop Fee for Teachers:\$150

Note: Teachers can earn CEU (Continuing Education Unit) points by filling out the application forms provided in the web link provided below.



Grant support covers student tuitions!

No tuition will be charged to participant students due to grant support from Entergy local offices.



Science and Technology Students

Workshop I (Secondary School)

Monday, May 10th, 2010
9am to 4pm

Workshop II (High School)

Tuesday, May 11th, 2010
9am to 4pm

Workshop III (High School)

Wednesday, May 12th, 2010
9am to 4pm

Boys and Girls Club of Walker County

Friday June 25th, 2010 & Saturday October 9th, 2010
9am to 3pm

Sam Houston State University Campus, Industrial Technology and Agricultural Engineering Technology Building.

Your instructors

Faruk Yildiz, Assistant Professor
Doug Kingman, Associate Professor
SHSU – Industrial Technology & Agricultural Engineering Technology

Enroll Today!

Class size is limited to only 25. Due to high demand, enrollment will be based on first-come, first-served.

Enroll Online

http://www.shsu.edu/~agr_www/Alternativeenergyworksh ops

More Information

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