

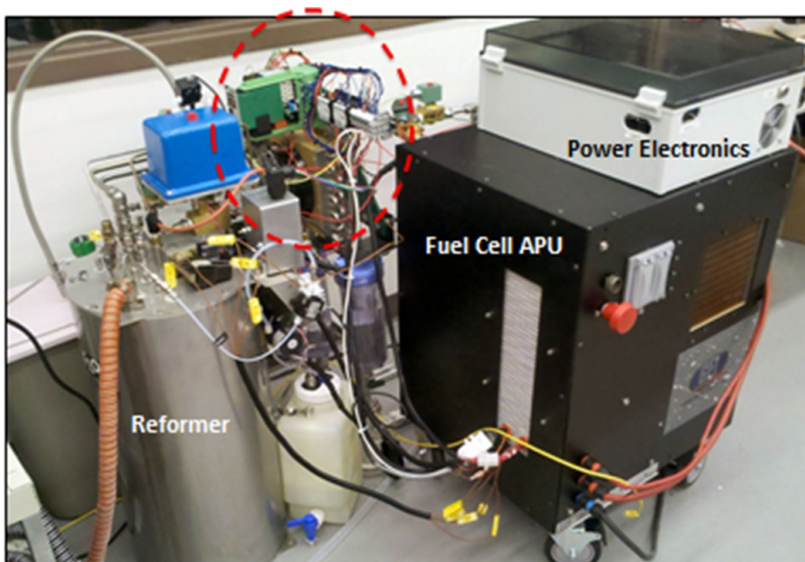


GET ENERGIZED!

Students will have fun exploring:

- ◆ How biogas is produced and utilized.
- ◆ How nuclear power is produced.
- ◆ How fuel cells work.
- ◆ How fuel cells can be used to power homes, cars and buses.
- ◆ How to build a fuel cell car and wind turbine from a kit.
- ◆ How solar, hydro and wind power can be used.

The GEI HT-PEM Fuel Cell System Operating on Biogas.



The program will provide hands-on educational experiences including exhibits, laboratory, and classroom activities, as well as, a fun-day field trip. Program hours 8:30 -5:00 p.m. daily, Monday through Friday.

Session 1: **July 16-20, 2012**
9th and 10th Graders
(Must have completed 8th grade by June 2012)

Session 2: **July 23-27, 2012**
11th and 12th Graders
(Must have completed 10th grade by June 2012)

Sponsored in part by

DTE Energy Foundation



KETTERING UNIVERSITY Sustainable Energy Pre-College Program 2012

Admission Requirements:

- ◆ Application
- ◆ One-page Essay
- ◆ Two letters of Recommendation
Must be from a math or science teacher
- ◆ Must have daily transportation to and from Kettering University
- ◆ Program fee: \$150.00

Financial Assistance Available

Application and recommendations are due by June 5, 2012.

Mail to:

Kettering University
Sustainable Energy Pre-college Program
1700 University Avenue, 3-100 CC
Flint MI 48504

Visit our website:
[WWW.KETTERING.EDU/PRECOLLEGE/
SUSTAINABLE ENERGY](http://WWW.KETTERING.EDU/PRECOLLEGE/SUSTAINABLEENERGY)
CONTACT: VIRGINIA HILL 810.762.9873

Kettering University
Sustainable Energy
Pre-College Program 2012



The Bi-Fuel Truck Operating on
Bio-Methane and Gasoline

CLASSES:

“The Importance of Sustainable Energy”

“Biogas Generation and Utilization”

“Nuclear Energy”

“Biofuels”

“Geo-Hydro Energy”

“Energy Conservation”

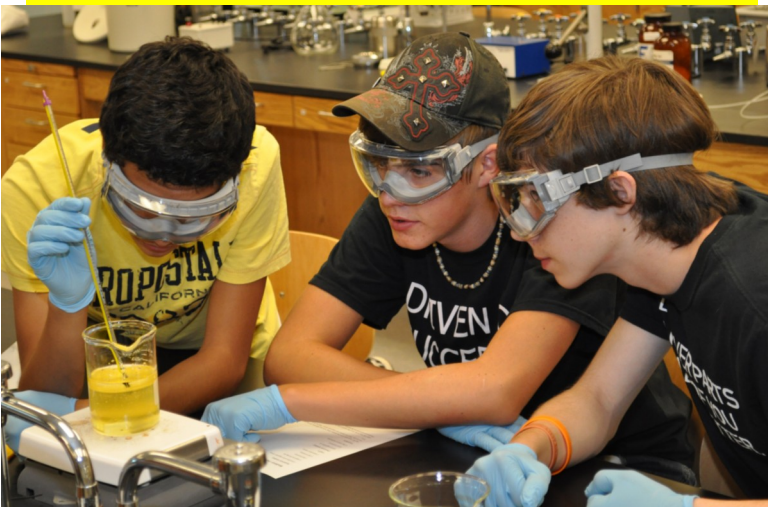
“Fuel Cells/Hydrogen Safety”

“How to Build a Fuel Cell Car”

“Solar and Wind Energy”

“Stirling Engines”

“Lithium-Ion Batteries”



SUSTAINABLE ENERGY PRE-COLLEGE PROGRAM SUMMER 2012

Which session are you applying for?

_____ Session 1: July 16-20, 2012
9th and 10th Graders

_____ Session 2: July 23-27, 2012
11th and 12th Graders

Applicant's Signature

Parent's Signature

ESSAY

Please type a one-page personal statement in which you connect your personal interests and this program. You may use the following questions as a guide to use for your essay.

- ◆ Why would you like to attend the Sustainable Energy Pre-College Program?
- ◆ What do you expect to gain from the experience?
- ◆ What would you like to major in when you go to college?
- ◆ Do you have a career goal?

Application/recommendations are also online:
[www.kettering.edu/precollege/Sustainable Energy](http://www.kettering.edu/precollege/Sustainable%20Energy)

Application Deadline: June 5, 2012.
Only completed applications will be considered.

Mail application and recommendations to:

Kettering University
SUSTAINABLE ENERGY PRE-COLLEGE PROGRAM
Attn: Virginia Hill
1700 University Avenue, Room 3-100 CC
Flint, MI 48504

For information contact: Virginia Hill 810.762.9873
E-Mail: vhill@kettering.edu