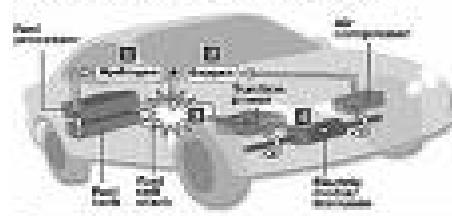


TECHNOLOGY SUMMER INSTITUTE 2009

**HIGH SCHOOL STUDENTS IN PIMA COUNTY:
EARN \$500 FOR SUCCESSFUL COMPLETION OF
2 COLLEGE COURSES IN THE SUMMER**

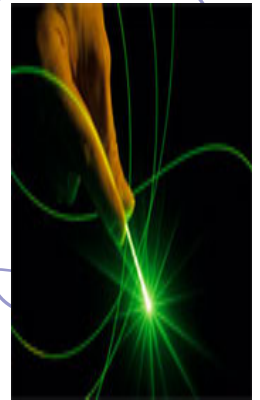
Fuel cell vehicle with reformer



- 1 The fuel processor converts hydrogen (or gasoline) to hydrogen. Hydrogen is classified as a clean fuel.
- 2 Air is supplied to the fuel cell by the air compressor.
- 3 Oxygen from the air and hydrogen from the fuel processor combine in the fuel cell to generate electricity, which is sent to the electric motor.
- 4 The electric motor provides power to the vehicle for the motorist. The electric motor converts the electrical energy into the mechanical energy that drives the vehicle.

Source: FuelCellEnergy.com

File:020001_0000



The technology industry - especially alternative energy - is growing rapidly. This summer, we are offering introductory technology courses for high school students interested in hands-on experience about careers in Solar, Optics and Fuel Cells. If accepted, your tuition, books and fees will be covered.

Classes begin on May 26 - July 9 from 8am -12:30pm at Pima College West Campus M-F.

Students who complete the courses with a C or better will receive a stipend of \$500. You will earn 6 college credits!

There will be tours of companies in these industries every Friday.

APPLICATION DEADLINE: APRIL 30

Contact Melanie Nelson, 205-0875 or mnelson@jobpath.net

For more information. Application available at:

www.jobpath.net (Look under High School Opportunities)

This project is funded by:
ATE grant from National Science Foundation
NSF Science and Technology Center MDITR
U of A College of Optical Sciences
BAE Systems
In collaboration with:
ASU Polytechnic
Pima Community College
JobPath
U of A College of Optical Sciences