

# Renewable Energy Academy

**Wednesday-Friday • June 16-18**

9:00 am - 3:00 pm • Wisconsin Rapids Campus

## High School Students - Join us at MSTC's Renewable Energy Academy!

Get a solid foundation in the fundamental design, operation, maintenance and installation techniques to work with renewable technologies. Workshops and a visit to the Energy Fair will keep you engaged and on the cutting-edge of technology.

Take advantage of this **FREE** hands-on opportunity to learn about renewable energy!

## Renewable Energy Workshops

- **Biorefinery**  
Biodiesel, Ethanol, Biobutanol, Biomass gasification. These are just a few of the biofuels we make today. What are biofuels and what's so good about them? Learn about biofuels and how biodiesel is made from oil seeds. See a demonstration of a seed press and discover how to make your very own batch of biodiesel! We'll also compare and contrast the differences between petroleum fuels and biofuels.
- **Energy Efficiency**  
Learn why homes waste energy and how to identify opportunities for improving their energy performance. Hands-on activities include the operation of a blower door, duct blower and infrared camera. Discover how to measure the energy you use on a daily basis and identify areas where you can reduce it.

## MREA Energy Fair

The Energy Fair features hundreds of workshops and exhibits all emphasizing clean energy and sustainable living.

All hand-on workshops, the Energy Fair, transportation, lunch & snacks are at no cost to high school students. Students will receive one MSTC college credit for participating all three days.

## Register early! Space is limited. Registration deadline is Friday, June 11.

Registration is open to all students entering 9-12 grades and graduating seniors.

For more information or to register contact:  
Kris Buss, Administrative Assistant  
Phone: 715.422.5375 or Email: kris.buss@mstc.edu

