

## The 4-H Gateway Day Camp Offers:

- Fun and challenging hands-on, high tech projects
- Valuable teamwork experience
- Real-world views of engineering and technical careers
- Recreational opportunities
- Friendships with students who have similar interests

The summer program is specifically designed by the Society of Manufacturing Engineers—Education Foundation and 4-H to help middle school students explore careers in science, technology, engineering and math.

For those students entering high school, now is the ideal time to start on the path toward a profession in technical careers.

The Bureau of Labor Statistics projects the demand for engineers to increase by 160,000 or 11 percent from 2006-2016.



### About UW Extension- Dane County 4-H

Children and youth build leadership skills, gain life skills, and explore careers through 4-H projects. Over 1400 youth in urban and rural areas are members of Dane County 4-H. The 4-H Gateway Academy day camp is a partnership which involves 4-H activities along with the development of hands-on high-tech projects.

Visit [www.uwex.edu/ces/cty/dane](http://www.uwex.edu/ces/cty/dane) to learn more about UW Extension-Dane County 4-H.

### About the SME Education Foundation

The Society of Manufacturing Engineers (SME) Education Foundation advances manufacturing education through youth programs and scholarships. Science, Technology, and Engineering Preview Summer (STEPS) Academy, now Gateway Academy, was created in an effort to fill the pipeline with skilled manufacturing workers. For more information, visit [www.sme.org/foundation](http://www.sme.org/foundation).

### About Project Lead the Way (PLTW)

Project Lead the Way (PLTW) is a not-for-profit organization that provides pre-engineering curriculum for middle and high school students. Gateway to Technology program is the basis for the Gateway Academy. PLTW is in more than 2,000 schools in 40 states and the District of Columbia, educating more than 175,000 students. Learn more at [www.pltw.org](http://www.pltw.org).



**July 6th—9th, 2009**  
**8:30 a.m.— 3:00 p.m.**  
**East High School**  
**OR**

**July 27th—July 30th**  
**8:30 a.m. — 3:00 p.m.**  
**Memorial High School**

The 4-H Gateway Day Camp is a joint venture of UW Extension—Dane County 4-H, Society of Manufacturing Engineers (SME) Education Foundation, Madison Metropolitan School District, and the Kern Family Foundation



The 4-H Gateway Day Camp has two certified instructors leading the sessions: Miles Tokheim, Madison School District Instructional Resource Teacher for Career and Technical Education and Greg Granberg, Technology and Engineering Education teacher at East High School. They will provide expert instruction in small group settings. During the week campers will work together in a fun, exciting environment using leading-edge technologies to design, create projects in robotics, aeronautics and 3-Dimensional design and prototyping in a friendly competitive atmosphere. Morning snacks and a healthy lunch will be provided each day. Camp fees are sponsored by the Kern Family Foundation. Scholarships are available for those needing financial assistance, contact Lesly Scott at [scott.lesly@co.dane.wi.us](mailto:scott.lesly@co.dane.wi.us)



### 4-H GATEWAY ADMISSION

Day Campers will be selected on a first-come, first-serve basis **by completing the registration forms and payment of a \$75 fee.** Highly motivated students who meet the admission requirements are encourage to apply to secure a slot.

#### 4-H GATEWAY APPLICANTS MUST BE:

- Boys or Girls entering 8th or 9th grade in the fall of 2009
- Interested in science, technology, engineering or math careers
- Comfortable working in a fast paced environment
- Curious about how things work
- Actively participating in all the activities



**Send completed registration forms with \$75.00 (check or money order made payable to Dane County Treasurer) to:**

UW-Extension Dane County  
Attn: Lesly Scott  
1 Fen Oak Court, Suite 138  
Madison, WI 53718-8812

Email: [scott.lesly@co.dane.wi.us](mailto:scott.lesly@co.dane.wi.us)  
Phone: 608-224-3702

### Registration 4-H Gateway Camp

#### Student Name

First: \_\_\_\_\_

Middle: \_\_\_\_\_

Last: \_\_\_\_\_

Birth Date: Month\_\_\_\_ Day\_\_\_\_ Year\_\_\_\_

Fall 2009 Grade Entering \_\_\_\_\_

T-Shirt Size *Circle* S M L XLG

#### Address

Street: \_\_\_\_\_

City: \_\_\_\_\_ Zip: \_\_\_\_\_

#### Parent or Guardian:

Name: \_\_\_\_\_

Home Phone: \_\_\_\_\_

Business Phone: \_\_\_\_\_

E-mail: \_\_\_\_\_

#### Select Location (please check):

- East High School  
July 6—9, 2009
- Memorial High School  
July 27—July 30, 2009

#### Ethnic Background please check (optional)

- African/African American/Black (not of Hispanic Origin)
- Asian or Pacific Islander
- Native American or Alaskan Native
- Hispanic
- White (not of Hispanic Origin)
- Other