



NIU—ENHANCING ENGINEERING PATHWAYS (NIU-EEP) INTEGRATED OUTREACH AND MENTORING PROGRAMS

12 Saturday Engineering Workshops (SEW) & Summer Camp For Girl Scout Cadettes to Explore Engineering !!!

Into its fourth year and geared for Girl Scout Cadettes, these workshops challenge participants to sharpen their math, science and technology skills as they discover engineering! Girls will work in small groups assisted by women faculty from NIU, female engineering undergraduates and high school mentors on various engineering projects ranging from building simple electrical circuits to create sound, motion and light to bridge-building to experiencing chemical engineering and lean simulation. Teaming up Girl Scout Cadettes, Seniors, and Ambassadors, engineering undergraduates, graduates and women engineers from the academic and corporate world through hand-on activities and an interactive web will provide a wonderful mentoring community to foster the development of the next generation of scientists and engineers!!

WHO?

Girl Scout Cadettes in grades 6, 7 and 8

WHEN?

Nov. 19, Dec. 3 & 10, Feb. 4 & 18, Mar. 3, 17 & 24/31(alternate), April 7 & 21, May 5 & 12/19(alternate)

Time: 9 A.M. to 11 A.M.

Summer Camp will be held June 11-15, 2012.

Selection for the beginners level will be made based on grades obtained during the last quarter for the previous year and a recommendation letter from the participants' math, science, or technology teacher which needs to be turned in with the application. You will be notified of your acceptance by Monday, October 31, 2011

WHERE?

Northern Illinois University Naperville Campus, Diehl Rd., Naperville, IL

COST?

\$100 per registered Girl Scout/\$112 per girl for non-registered girls (includes \$12 GSUSA registration fee)

Program cost includes all workshops, SEW summer camp, and optional bus transportation from a location T.B.D. to NIU Naperville Campus.

(Bus departure location will depend on where the majority of riders are from)

EARN and RECEIVE

Invention and Inquiry Interest Project Patch & SWE Event Patch

Application/Registration forms available in "Program Events" section at www.girlscoutsni.org

Program applications, registration fee, letter of recommendation, and copy of last quarter report card due to Elgin Service Center by Monday, October 24, 2011.

Mandatory orientation for participant & parent: November 5, 2011, from 9 to 11 A.M.

@ NIU Naperville Campus

Check out www.niu.edu/eep for more information on the SEW program

Registration questions: Contact Pam Schnecke @ 847-741-5521, Ext. 7140 or pschnecke@girlscoutsni.org

**Program questions: Contact Dr. Suma Rajashankar @ 815-753-9966 or niu.eep@gmail.com
Summer Camp will be held June 11-15, 2012. More information regarding summer camp will be sent via email.**

Northern Illinois University - Enhancing Engineering Pathways Engineering Opportunities for Girl Scout Cadettes through Saturday Engineering Workshops (SEW)



Funded by Motorola Solutions Foundation



APPLICATION/REGISTRATION FORM
(Submit a separate form for each participant.)

Registration and fee due: Monday, October 24, 2011

Mail or deliver this form along with payment, sealed letter of recommendation from a math, science, or technology teacher, and a copy of applicant's last quarter report card to Pam Schnecke at Girl Scouts of Northern Illinois - Elgin Service Center, 12N124 Coombs Rd., Elgin, IL 60124 **no later than Monday, October 24, 2011**. Applicants will be notified of their acceptance the week of October 31, 2011.

PLEASE PRINT

First name _____ Last name _____ Middle name _____

Grade _____ School name _____ District _____

Parent/Guardian name(s) _____

Address _____ City _____ Zip _____

Day phone (____) _____ Evening phone (____) _____

Alternate phones (____) _____, (____) _____

E-mail (list alternate emails too) _____

List the honors or advanced courses you have been enrolled in _____

Are you enrolled in any special engineering or science curriculum? If Yes, list them _____

Do you like studying math and science? If Yes, why? _____

When you go to college, do you think you will pursue a career in an engineering-related field? Yes No Don't know

If yes, to the above question, then explain why you would like to become an engineer? What is it that interests you?

Briefly share why you are interested in participating in the NIU-EEP Saturday Engineering Workshops. Also, how do you think you will benefit from taking part in this program?

For Parent(s)/Guardian(s):

_____ My daughter/ward is currently registered for the 2011-2012 Girl Scout year. I am enclosing the \$100 event registration fee.

_____ My daughter/ward is not currently a registered Girl Scout. I am including a \$12 membership fee and understand this registers my daughter/ward as a Girl Scout. I am enclosing the \$112 membership and event registration fee.

Payment by: Check (*Checks payable to Girl Scouts*) Credit Card Cash

Need-Based Scholarships:

Scholarships of \$50 are available to 20 girls, who are part of the free and reduced lunch program at their schools.

_____ My daughter is part of the free and reduced lunch at her school and would like to apply for the \$50 need-based scholarship toward the program. Enclosed are supporting documents showing the eligibility for the free and reduced lunch program at her school.

If paying by credit card, complete the following: Visa Master Card Discover

Credit card number _____ Exp. Date _____

Print name _____ Validation Code _____

Amount to be charged \$ _____

Signature _____

Yes No My daughter/ward has permission to attend this event.

Yes No My daughter/ward has permission to have photos taken for public relations purposes.

Yes No The bearer of this letter has my permission, a parent or legal guardian, to act on my behalf in an emergency dealing with the health and welfare of my daughter/ward, and to obtain emergency treatment for her by a licensed physician.

Yes No My daughter/ward will require transportation to/from NIU Naperville.

Parent/Guardian Signature _____