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

12 Saturday Engineering Workshops (SEW) & Summer Camp For Girl Scouts in grades 5 - 8 to Explore Engineering!!

Into its eleventh year and geared for Girl Scouts in grades 5 - 8, 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! Girls will also participate in one STEM expo, of their choosing, outside of the 12 SEW and Summer Camp. Examples of outside STEM expos include school science fairs, science nights, STEM fest or library fairs focusing on STEM.

WHO?
Girl Scouts in grades 5, 6, 7 and 8

WHEN?
March 16, 23 & 30, April 6, April 13 & 20, May 4 & 11
Time: 8:00 to 11:00 A.M.
Summer Camp will be held June 20 & 21, 24-28, 2019.

Selection for the Beginner’s Level will be made based on grades obtained during the last quarter and a recommendation letter from the participant’s math, science, or technology teacher, which needs to be turned in with the application. You will be notified of your acceptance by NIU by March 14th, 2019.

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

COST?
$265 per registered Girl Scout/$290* per girl for non-registered Girl Scouts
*includes $25 GSUSA registration fee
Additional Summer Camp costs for T-shirts and field trips (~$150) will be required at a later date.
A few NIU scholarships are available for students who are enrolled in the free and reduced lunch programs at their schools.
Program cost includes all workshops & EEP summer camp

RECEIVE
SWE Event Patch
Application/Registration forms available in “Forms and Document” section at www.girlscoutsni.org
Program application, letter of recommendation, and copy of last quarter report card can either be emailed to rajashankar@niu.edu or niu.eep@gmail.com or mailed to:
Dr. Suma Rajashankar, EB 330 Garden Road, College of Engineering and Engineering Technology, Northern Illinois University, DeKalb, IL 60115.
by Thursday, March 14th, 2019 [DEADLINE EXTENDED]!
Mandatory orientation for participant & parent
March 16, 2019, from 8 to 9 A.M. @ NIU Naperville Campus /NOTE: ORIENTATION DATE CHANGED TO 03/16/19
Check out www.niu.edu/ceet/enhancing-engineering-pathways/ for more information on the SEW program
Registration questions: Contact Corinna Christman @ (312) 912-6309, or echristman@girlscoutsgcnwi.org
Program questions: Contact Dr. Suma Rajashankar @ 815-753-9966 or niu.eep@gmail.com
Summer Camp will be held June 20 & 21, 24-28, 2019
APPLICATION FORM
(Submit a separate form for each participant.)

Application due (DEADLINE EXTENDED: THURSDAY, March 14th, 2019)

Email (sumedhras@gmail.com or niu.eep@gmail.com) or Mail or deliver this form along with sealed letter of recommendation from a math, science, or technology teacher, and a copy of applicant’s last quarter report card no later than THURSDAY, March 14th, 2019 to:
Dr. Suma Rajashankar, EB 330 Garden Road, College of Engineering and Engineering Technology, Northern Illinois University, DeKalb, IL 60115
NIU will notify applicants of their acceptance by March 14th, 2019

PLEASE PRINT
Name: First________________________________Last ____________________________________Middle __________
Grade____________________School name_______________________________________District __________________
Parent/Guardian name(s)__________________________________________________________
Address________________________________________________________________________City_________________________Zip __________________
Day phone (____)________________________Evening phone (____)________________________
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? ____________________________________________________________

Parent/Guardian Signature ______________________________________________________________________ Applicant’s Signature ______________________________________________________________________