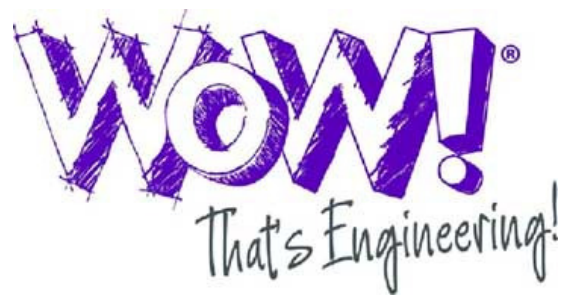




Presents...



Girls in 7th to 10th grades

Be part of *Wow! That's Engineering!*

- Experience the creativity and innovation of engineering and technology.
- Meet women engineers and technologists and hear first-hand about these exciting careers.
- Participate in 5 hands on projects listed below.

Location: Holy Trinity Episcopal Academy, 5625 Holy Trinity Drive, Melbourne
Date: Saturday, Oct 14, 2017 **Time:** 9:00am - 3:30pm
Cost: \$30.00 including lunch, drinks, snack, shirt, supplies



| Title | Description |
|----------------------------------|---|
| 1A. Goo Busters | Become a chemical engineer while formulating your goo in the mad scientist lab. |
| 1B. Sink or Swim | Learn about the engineering design process and the physical principles of buoyancy and displacement by working together to build a boat. |
| 1C. Take Flight | Become an Aeronautical Engineer, What type of airplane will you design? Will it go the farthest or do the best tricks? |
| 1D. Nanomaterial Magic & Mystery | Learn about the exciting production and applications of nanomaterials and nanomaterials Engineering. |
| 1E. Minute to Win It | Test your skills with our 60 second challenges that use objects that are commonly available around the house |
| 1F. Duct Tape Creations | Engineering comes alive with handmade creations that can be transformed from one thing to another all using duct tape while you make wallets and other creations. |
| 1G. CSI | Become a Crime Scene Investigator. Learn how to lift and save a finger print with special finger print powder and match it to find the "culprit." Then create dental or shoe prints for your group and learn how to identify the suspect. |
| 1H. Programming Robots | Learn about robots and try your hand at programming a robot to complete an obstacle course. |
| 1I. Tool Time | Hands-on learning about the use of different tools and what's inside small electrical appliances. |
| 1J. Design a Dessert | Find out what a design engineer does as you design and construct a dessert. |

To register online with a credit/debit card, go to our website at
www.swe-sc.org/WOW

The Society of Women Engineers, Space Coast Section Presents:

WOW! That's Engineering

REGISTRATION FORM: Pre-registration is Required and postmarked by Sept 26, 2017.

REGISTRATION INFORMATION: (print clearly)

Student Name _____ Parent Phone _____

Address _____ City _____ Zip _____

School _____ Grade _____ Parent Email _____

Registered on-line and lost form: ___ YES ___ NO TShirt Size: Small Med Large XL
Adult sizes

LUNCH SELECTION: (Check one) _____ Cheese Pizza _____ Pepperoni Pizza _____ None

CHOOSE YOUR MODULES: (Choose 8 in order of preference from the list)

- | | |
|---------|---------|
| 1 _____ | 5 _____ |
| 2 _____ | 6 _____ |
| 3 _____ | 7 _____ |
| 4 _____ | 8 _____ |

Note: Girls -- If you wish to be scheduled with a "buddy", please print her name on the line to the right: _____
(Both of you must register together and select the same modules) First and last name

PARENTAL CONSENTS AND REQUIRED INFORMATION: (Required for student participation)

I, (print parent / guardian name) _____, the parent or guardian of the child listed above, grant permission for my child to attend the WOW! That's Engineering Program.

I grant permission for my child to appear in photographs or videotapes while participating in the SWE sponsored WOW! That's Engineering Program activities that may be published by the Society of Women Engineers in video form, hard copy publications and/or on a SWE Website or other publications promoting SWE programs.

Required: TWO emergency contact names and phone numbers _____

Required: List medications being taken: _____ List allergies: _____

REGISTRATION AND PAYMENT INFORMATION: (Registration is not complete until payment is received.)

\$30.00 per person. This fee covers materials and lunch, drinks, snack and shirt. Please copy this form for each attendee and complete the **Registration Information** section at the top of each page. Payment by check or money order only, made out to **SWE Space Coast Section.**

Payment amount enclosed: _____ (or enter waiver number)

Parent / Guardian signature and date: _____

Mail this Form & Payment to: SWE, Space Coast Section, c/o A. Griffin, 2151 Savannah Blvd, Titusville, FL 32780

Questions about this workshop? Need a tuition waiver? Please email WOW@swe-sc.org

To register on-line or for more information, visit our website www.swe-sc.org/WOW
WOW! That's Engineering Program – Sat. 10/14/2017 9:00am-3:30pm Holy Trinity Ep. Acad, Mlb