

SPARK Program 2017!

CODING: Sunday, July 9th, 2017 to Saturday, July 15th 2017

ROBOTICS: Sunday, July 16th, 2017 to Saturday, July 22nd 2017

3-D PRINTING: Sunday, July 23th, 2017 to Saturday, July 29th, 2017

Interested in Engineering?

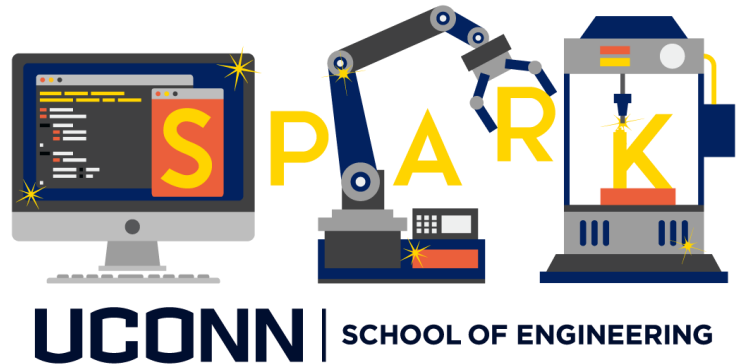
Are you a middle or high school female?

Join us in one or more of our week long residential summer programs. The Engineering Diversity and Outreach Center (EDOC) at the Storrs campus offers you the opportunity to explore three different disciplines of engineering at the University of Connecticut:

Coding: designed to teach students the basics of coding and it's use for real-world applications. Students will learn how to program an Arduino board to build a Bluetooth device that can be used across the internet to control lights and other devices. Each student will get their own kit.

Robotics: designed to introduce students to the world of robotics. Students will spend half the week building a Remotely Operated underwater Vehicle (ROV) and the other half of the week building a miniature robot. VexIQ kits will be used to introduced participants to designing, building, and problem solving. Each student will take home the ROV she built.

3-D Printing: designed to teach students how to use scanning devices and to input variables into the 3-D printer to print solids. Students will be taught the basics of modeling programs, which are used to design and prototype in additive manufacturing. Students will print many objects to bring home.



Tell me more about this amazing experience!

If you are a middle or high school female, the University of Connecticut invites you to challenge your math and science skills to incorporate them into hands-on experiments, exciting engineering concepts, and fun activities.

The cost is only **\$895/session**, which includes:

- On-campus housing and dining hall meals
- Instruction from outstanding UConn female Engineering faculty and our best undergraduates students
- Access to state-of-the-art research areas, our Engineering Learning Center and its software
- Scavenger hunt and "Paint the Rock" event
- Program t-shirt

How can I apply?

The School of Engineering is pleased to put on this resourceful program for budding engineers.

To apply and find out more about SPARK, please visit the website at:

www.edoc.engr.uconn.edu/spark/

**Enrollment is restricted to 30 students in each week.*

FIRM Application Deadline:

June 15th, 2017

Questions? Send us an email at:
engr-edpsw@uconn.edu

We hope to see you this summer!