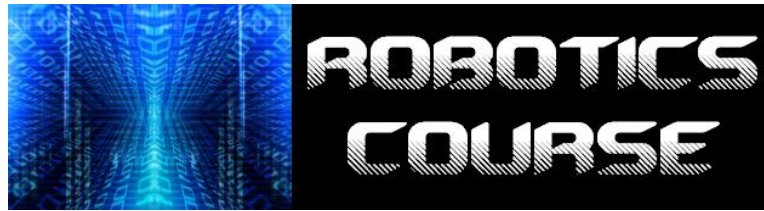




The Society of Women Engineers Boston Section Presents



For: Girls in grades 6 thru 8

Date: Wednesday evenings starting February 8, 2012

Time: 6:00 p.m. to 8:00 p.m.

Location: Bedford High School in Bedford, MA

Cost: \$150*



Register: <http://sweboston.org/robotics>

(*All proceeds from the registration fee are used to fund the course - including facility rental and robot hardware.)

The Society of Women Engineers (SWE) Boston section is excited to offer a new course for girls in middle school to learn robotics. The course will focus on programming basic behaviors using a programming language called Python. Python is an interpreted, interactive, object-oriented, extensible programming language that is quickly taking the lead as one of the most popular programming languages in the world. The students will learn to use Python to program a scribbler robot to do basic behaviors - like draw a triangle and solve a maze.

The SWE Boston volunteer teaching the course is a Computer Scientist who works full-time at MIT Lincoln Laboratory and has experience teaching the course as an undergraduate at Bryn Mawr. The course is intended to inspire girls to consider engineering as an occupation by introducing them to computer programming with robots.

Dates:

- February 8, 2012: Class 1 - Getting to Know Your Robot
- February 15, 2012: Class 2 - My First Program
- February 22, 2012: no class (winter vacation)
- February 29, 2012: Class 3 - Do the Robot
- March 7, 2012: Class 4 - Animal Behaviors, Robot Creatures
- March 14, 2012: Class 5 - Artificial Intelligence
- March 21, 2012: Class 6 - Putting it all Together
- March 28, 2012: Class 7 - How do Robots See?
- April 4, 2012: Class 8 - The Final Project



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