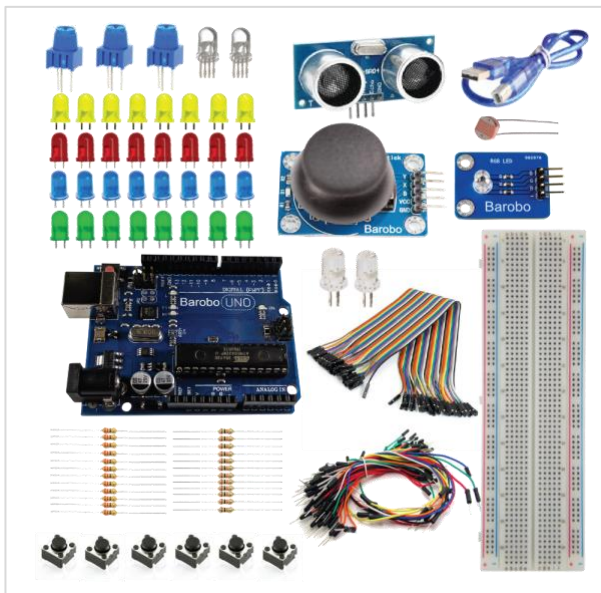




One-Day Workshop on Integrating Robotics and Arduino into CS and STEAM Education

**All participants receive a *free* Barobo Arduino Starter Kit (\$35 value)!
No prior coding or robotics experience necessary**

This workshop will introduce CS and STEAM teachers to the latest computing and robotics technology for hands-on learning in the classroom. Participants will learn strategies to help students think beyond their textbooks and apply the math and science concepts they are learning to solve real world problems with coding and sensor-based robotics, correlated with CCSS, NGSS, and CS standards. Participants will also learn how to enhance CS and STEAM education using robots, Arduino, and free curriculum activities at RoboBlockly (www.roboblockly.com) to stimulate students' creativity and imagination, and participate in level playing field [RoboPlay Competitions](#) organized by the UC Davis C-STEM Center. Arduino is the most widely used technology for DIY and Makerspaces. Each participant will take home a free [Arduino Starter Kit](#) and full coding/robotics/Arduino curriculum as PDF files for further experimentation and classroom use.



Date: Saturday, January 11, 2020 (reg. deadline = Tuesday, January 7)

Time: 8:30 am-3:30 pm

Location: Granite Technical Institute, 2500 S State St, South Salt Lake, UT

Cost: **FREE!** (for 5th-12th grade teachers and administrators; each participant receives a FREE Barobo Arduino Starter Kit; **space is limited, sign up soon!**)

To register: www.barobo.com/pd

More information: info@barobo.com, c-stem.ucdavis.edu, www.barobo.com

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