

Connecting the STEM Dots:

Microcontrollers for Educators

FabLab Charlotte Latin School in partnership with SparkFun Electronics is pleased to announce our **Amazing Mechatronics - Microcontrollers for Educators** class.

This class is designed to give teachers and educators (Middle School - Higher Ed) a foundation in electronics, programming, computer science, and "Making" for their classroom. In this class, we will introduce the basics of circuits, electricity, engineering and computing using Arduino. The course will focus on both the technical aspects as well as the pedagogy, activities, pacing, and strategies for implementing a project-based STEM classroom.

- Cutting Edge STEM Technology
- Receive 3.0 professional development credit hours
- Learn how to implement physical computing, programming and electronics into your classroom
- Educators will have opportunity to use the latest maker tools including 3D Printers, Laser Cutters and CNC machines,

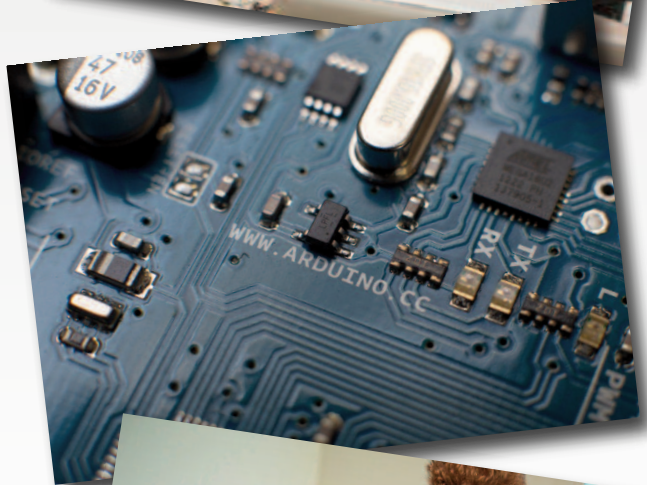
Date: July 24th - 28th

Time: 9:00am - 5:00pm
(with a break for lunch from 12:00pm - 1:00pm)

Cost: \$750 per participant (includes \$300 worth of take home classroom hardware)

Location: Charlotte Latin School
9502 Providence Rd. Charlotte, NC 28277

Instructors: Tom Dubick and TBA




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ELECTRONICS

Contact Sandy Dubick To Reserve Your Spot.
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