

Abstract Submitted
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Teaching Arduinos in an Accelerated Semester ANDRA PETREAN, Austin College — This January I taught a hands-on class on Arduino Microcontrollers. The class was advertised as an opportunity to build fun projects. The students had a variety of backgrounds: Computer Science majors who had programming experience, Physics majors who were familiar with electrical circuits, and students with a general interest in Arduinos. They worked in teams that benefited from their various skills and built eight interesting projects involving Arduinos, such as a MIDI controller, a levitating magnet, an LED strip that reacts to music, an infrared touch surface, and a laser cat toy.

Andra Petrean
Austin College

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