



## Arduino Engineering 7-9

Middle school students explore electronics, computers, and programming by building projects with Arduino, an open-source electronics prototyping platform (<http://www.arduino.cc>).

Projects include LED Dice, a binary counter, a Morse code translator, a lie detector, and a motion-sensing alarm.

Consistent with the Arduino philosophy of learning by tinkering and rapid prototyping, students also develop their own projects by interfacing “electronic junk” to Arduino circuit boards.

*The full list of goals, topics, and activities for this course will be posted soon.  
If you wish to know more about this course in the meantime, please contact the Fairfax  
Collegiate office using one of the following methods:*

*Phone: (703) 481-3080*

*Website/Email: <https://fairfaxcollegiate.com/ContactUs>*