

# ARDUINO TEACHER TRAINING

## Onsite Classes - Summer 2021

Learn how to use the Parallax Shieldbot, the Arduino IDE to teach Science, Technology, Engineering & Math (STEM) concepts in your classroom



### TUITION

\$1099 course registration fee includes on site training and use of Robotic Academy's computers, robot kits, curriculum and programming software during the week. You do not need to purchase any hardware or software for this course.

### LOCATION

National Robotics Engineering Center (NREC), part of the Carnegie Mellon University Robotics Institute, a world-renowned robotics research and commercialization center.

### DATES/ SCHEDULE

Robotics Academy Certified Training for Arduino:

**July 19th – 23rd, 2021**

All classes are Monday - Thursday 9:00am - 4:00pm EST. Friday class ends at noon.

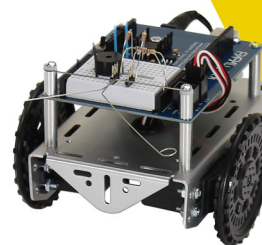
Lunch is provided Monday through Thursday. Other meals, transportation & lodging not included.

Several local hotels offer shuttle service to NREC. See website for more details.

In this teacher training, you will learn to teach programming and STEM using robotics and the Arduino IDE. Tuition includes the free Shield-bot and access to CS2N and Carnegie Mellon Robotics Academy Training Materials. The training also gives teachers the ability to teach, recognize and endorse students with some of our SMART badges.

This course focuses on learning how to teach programming, basic electronics, and additional STEM concepts using the Arduino Uno powered Parallax Shield-bot. You can earn a Carnegie Mellon Robotics Academy Certification by completing various assignments throughout the course and passing an exam. The Certification may be used as evidence for continuing education credits.

**LIMITED  
TIME SPECIAL**  
Free robot with  
registration



*Curriculum developed at CMU Robotics Academy and University of Pittsburgh's Learning Research Development Center*

For more information, call **412.681.7160**  
or visit [www.cmu.edu/roboticsacademy](http://www.cmu.edu/roboticsacademy)  
email: [cmra@nrec.ri.cmu.edu](mailto:cmra@nrec.ri.cmu.edu)

**Carnegie Mellon**  
**Robotics Academy**