ARDUINO | CODING | ROBOTICS

Are you interested in:

Arduino coding and robotics?

Health sciences, your heart, or muscles?

Do you want to learn how to control a robot with your mind!?

Sign up for the RCC Online STEM Camp!

First five high schoolers* receive a free Arduino, an EKG and a robot arm kit!

Online Camp Schedule:

June 22-26
8:30 am to 12:30 pm or 1:00 to 4:30 pm

Online at rcccamp.org and in person instruction through Zoom meetings.

Tips: Try to have good internet during the week of camp and a Windows PC or Mac
A computer with a microphone is also helpful so you can talk to your teachers!

*Special requirements for free Arduino Kit: Current high school student in the RCC service region. Willing to learn C+/Arduino coding. Students intending to attend Rappahannock Community College or are currently enrolled in RCC or DE classes are preferred. Interest in entering a health sciences career also preferred.

Summary of week:

- **Day one:** Learning the basics of code and controlling lights

- **Day two:** Controlling motors and building your robot arm

- **Day three:** Building your own EKG and seeing your heart rhythm

- **Day four:** Controlling your robot arm with your own body/mind using the EKG

- **Day five:** Reach day, what else can you control with your mind!

rappahannock.edu/stem