Community Science II

The Community Science Academy is offering a six-week summer enrichment program at the California Institute of Technology (Caltech) in Pasadena. More details at csa.caltech.edu, or via email at csa@caltech.edu.

We start on Monday, June 19, and meet every Monday, Wednesday, and Friday (with some exceptions) from 10 am to 3:30 pm. We conclude on July 28. Tuition is $750, and several need-based scholarships are available.

CSA 2 is an engineering-oriented course that can only be taken by students who have completed CSA 1. CSA 2 covers topics in computer programming, electronics, aeronautics, and biotechnology:

**Environmental monitoring.** Build circuits, program microcontrollers, and link solid-state gas sensors to create devices that respond to adverse conditions.

**Remote sensing.** Design remote-controlled planes with attached multispectral sensors to study vegetation.

**Bacterial detection.** Amplify and separate DNA to detect the presence of different bacteria.