



C-STEM

Youth Summer Camps 2014 at UC Davis

C-STEM Exploring Mathematics with Robotics

*Grades 4-6
August 4-8, 2014*

Curious about the applications of mathematics? In this robotics camp, campers will explore mathematical concepts through practical applications with hands-on and fun robotics activities using the modular robot Linkbot. The week ends with a mock-up C-STEM RoboPlay Challenge Competition!

C-STEM Innovation Academy and Exploring 3D Printing

*Grades 6-8
July 14-18, 2014*

So how do you begin? During the camp, participants will come up with some possible solutions for a problem and evaluate what steps they need to take to begin developing their ideas. They will then develop, test and refine their ideas through hands-on activities and group projects. The afternoon will include the 3D Printing with Robotics class.

C-STEM Exploring Computer Program- ming with Robotics

*Grades 6-8
July 21-25, 2014*

Code like an engineer! Campers will start with the basics of how a computer works and then learn computer programming in the C/C++ interpreter Ch to control the Linkbot in both single and multiple robot configurations. Campers will then explore video editing and film production by creating a short video, which can be submitted to the C-STEM RoboPlay Video Competition.

C-STEM Exploring 3D Printing with Robotics

*Grades 6-8
July 28-August 1, 2014*

Creating parts to build your designed robotic systems! This camp introduces campers to the working principles of computer-aided design and 3D printing and the reconfigurable modular robot Linkbot. The culminating project with 3D printed parts prepares campers to compete in the Best Custom Designed Part category in the C-STEM RoboPlay Video Competition.

For more information, please visit: <http://c-stem.ucdavis.edu/>

Each camp program is \$275 and registration is through the UC Davis Campus Recreation site: <http://cru.ucdavis.edu/>

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C-STEM Center