



Professional Development for LAUSD C-STEM Algebra 1 Pilot Course Two Opportunities!

Assistive Teaching Tools for Boosting Algebra Learning Using Coding and Robotics

No coding or robotics experience necessary—FREE PD provided by UC Davis C-STEM Center

Los Angeles Unified School District is partnering with the University of California, Davis to offer the C-STEM Algebra 1 course pilot. C-STEM Algebra 1 integrates coding and robotics technology into Algebra 1 content while maintaining focus on the objectives and standards. This course is aimed to use technology to extend learning as well as provide alternative experiences for students who do not flourish in a regular textbook classroom.

L.A. Unified has an approved C-STEM Algebra course number for students to earn A-G Mathematics G-credit during the pilot year. This course can be used in place of the Algebra 1 Tutorial Lab to support the Algebra 1 course.

For detailed information regarding the C-STEM Center and C-STEM Algebra:

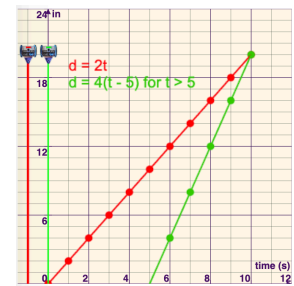
- [C-STEM Algebra Curriculum](#)
- Success stories: [Hillcrest High School \(CA\) video](#), [Livermore High School \(CA\) success with at-risk students](#)

Day 1 Agenda

1. Introduction to computing and robotics with Algebra 1
2. Programming virtual and physical robots
3. Investigate and access Algebra 1 curriculum and class management system
4. Best practices of delivering Algebra 1 with robotics

Day 2 Agenda

1. Implementing teaching resources for instruction
2. Controlling virtual and physical robots with CHIDE
3. Lesson design with CHIDE
4. Questions, answers, and lesson planning



"Working with the C-STEM program has brought so many positive impacts on my teaching, my school, and my students' learning on the STEM subjects. Students were excited each day we got to explore the programming and wanted to go deeper into the content with every lesson." Stephen Mason, High School Math Teacher

Session	Dates	Time	Registration	Location/Zoom Link
Info-1	March 17	3:30-4:30 pm PST	NA	bit.ly/cstemLAUSDinfo1
Info-2	April 7	3:30-4:30 pm PST	NA	bit.ly/cstemLAUSDinfo1
1 st	Jan. 29 & Feb. 12	8 am – 3 pm PST	bit.ly/cstemLAUSDalg1	Hollywood HS
2 nd	April 23 & 30	8 am – 3 pm PST	bit.ly/cstemLAUSDalg1B	TBD

Session 1 Location: Hollywood High School, Room 121, 1521 N Highland Ave, Los Angeles, CA 90028

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Jeff Hescoc, UC Davis C-STEM Program Manager, jhescoc@ucdavis.edu

Parking: Participants can enter the parking structure through Orange Dr. (west side of campus, diagonally across from In-n-Out)

COVID Protocol: LAUSD Daily Pass is acceptable

Non-LAUSD COVID Protocol: A negative covid test will be required (PDF)

Sponsored by:



Division of Instruction
Los Angeles Unified School District

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