About C-STEM

C-STEM is a UC Approved Educational Preparation Program for Undergraduate Admission for all UC campuses. C-STEM is UC A-G Program Status. Schools can easily add the A-G approved rigorous C-STEM curriculum to their own school’s A-G course lists to satisfy the UC/CSU admission requirements. The mission of the C-STEM Center is to improve computing, science, technology, engineering, and mathematics in both formal and informal K-14 education. The C-STEM Math-ICT curriculum provides K-12 students with 12-years of computer science education through integrated learning of math and science with coding in Blockly and C/C++.
A C-STEM Success Story

Last year, Hillcrest High School in Riverside, CA implemented 1 session C-STEM Integrated Math 2 with Computing and Robotics:

A pass rate of 94% using a school wide standard math examination, the school average passing rate for other non C-STEM courses is 61%.

C-STEM Studio is a user-friendly platform for using the C-STEM integrated curriculum by university faculty and students, K-12 teachers and students, parents, volunteers, etc. It is integrated with the breakthrough educational computing and robotics technologies for learning STEM subjects, including: C/C++, interpreter Ch, Linkbot Labs, Ch Linkbot Controller, Ch Mindstorms Package and Robot Controller for Lego, Mindstorms NXT/EV3, RoboSim, RoboBlockly, and Arduino.

C-STEMbian is a free open source Linux operating system based on Raspbian for Raspberry Pi. It extends Raspbian with easy installation of many additional components, including C-STEM Studio and user-friendly C/C++ interpreter Ch, to help absolute beginners learn coding, making, robotics, and STEM.

Empower STEM Teachers

Oh my gosh! I barely can contain myself….soooo fun!!! So challenging and so rewarding at the same time!!!

—Jessica Fernandez
Math Teacher at Glen Edwards Middle School