UC DAVIS
C–STEM Center

C-STEM 2 Day Institute on Integrated Computing and STEM Education

The C-STEM 2 Day Institute on integrated computing and STEM education provides teachers with hands-on experience on how to use freely available C-STEM Studio and RoboBlockly as well as C-STEM integrated curriculum with interactive computing and robotics for their classroom teaching. The academy is targeted at grades 5 – 12 and community college STEM teachers, as well as math/CTE/Science coordinators, who are interested in:

- Integrating Computing & Robotics into Math courses aligned to Common Core Standards
- Integrating Computing & Robotics into Science courses aligned to Next Generation Science Standards
- Offering computer programming and/or robotics courses in your school
- Offering robotics in after school or summer programs in your school, district, and county
- Developing students' critical thinking and problem-solving skills
- Implementing new teaching strategies and collaborative learning
- Working to close the achievement gap
- Preparing students to be career and college ready
- Working with gifted students to challenge them to solve real-world problems
- Engaging at-risk students with hands-on learning
- Programming Lego Mindstorms NXT/EV3 using C-STEM Software
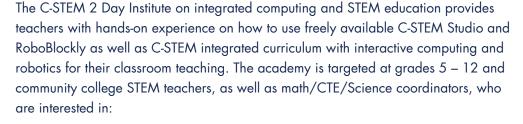
Date:

Saturday - Sunday
December 10 - 11, 2016
8:30am - 4:30pm

Location:

Butte Community College
Room TBD
3536 Butte Campus
Oroville, CA 95965

For more information, please contact John Dahlgren, Chair of Department of Computer Science, Sustainable Technologies, at: DahlgrenJo@butte.edu

BUTTE - GLENN COMMUNITY COLLEGE DISTRICT

Registration:

c-stem.ucdavis.edu/overview/professional-development2/

Costs: $300
Due: November 25, 2016

Registration covers instruction, textbook, and a software license for teaching. No refund after instruction begins.

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