



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

Date:

Saturday-Sunday
December 2 – 3, 2017
8:30am – 4:30pm

Location:

San Diego Mesa College
Room S304
7250 Mesa College Dr.
San Diego, CA 92111

Registration:

Cost: \$300/ teacher
Due: November 26, 2017

For more information, please contact
Tasha Frankie, Assistant Professor,
Computer and Information Science
at: tfrankie@sdccd.edu
or contact info@c-stem.ucdavis.edu
and visit c-stem.ucdavis.edu

UC DAVIS
C-STEM CENTER
SAN DIEGO
MESA COLLEGE



This 2-Day Academy will provide K-14 teachers with hands-on experience on how to use freely available C-STEM Studio and RoboBlockly, as well as C-STEM Math-ICT curriculum with interactive computing, programming, and robotics that aligns with the Common Core Math and ICT Sector standards. The academy is targeted at K-14 classroom STEM teachers, as well as math/CTE/Science coordinators, who are interested in bringing hands-on computing, and virtual and hardware Linkbot and/or Lego Mindstorms NXT/EV3 robots on:

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

"Oh my gosh! I barely can contain myselfsoooo fun!!! So challenging and so rewarding at the same time!!!"

Jessica Fernandez
Math Teacher
Glenn Edwards Middle School

