



## 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](mailto:tfrankie@sdccd.edu) or contact [info@c-stem.ucdavis.edu](mailto:info@c-stem.ucdavis.edu) and visit [c-stem.ucdavis.edu](http://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 myself ....soooo fun!!! So challenging and so rewarding at the same time!!!"*

**Jessica Fernandez**  
Math Teacher  
Glenn Edwards Middle School

