UTEACH INSTITUTE

PROGRAM OVERVIEW

UTeach Computer Science *is part of the* UTeach Institute *at the University of Texas at Austin. UTeach CS improves computer science teaching and learning in secondary schools with a focus on access, diversity, and equity. UTeach CS provides a comprehensive solution including project-based curriculum, professional development and year-round teacher support for the AP Computer Science Principles course. More than 6,000 students are currently using the UTeach CSP course.*

TARGET GRADES
Grades 9 - 12

A UNIQUE OR SPECIAL FOCUS OF THE PROGRAM

UTeach CS develops research-based courses with an emphasis on student-centered, culturally responsive and project-based practices shown to increase interest and engagement for all students and especially for girls and underrepresented minorities.

THE PROGRAM'S IMPACT ON STUDENTS
UTeach CSP has increased student access to CS by training over 600 new CS Principles teachers. Because the CS Principles course is based on student-centered design practices, greater student interest and engagement is expected. Due to Personally Identifiable Information limitations, it has been difficult to collect student-level pre- and post-data. Efforts to collect student-level data will continue.

SPECIFIC SKILLS STUDENTS WILL LEARN
UTeach CS Principles is aligned with the College's Boards Advanced Placement CS Principles standards, *and UTeach CS is endorsed by the College Board as a CS Principles provider. Students will find themselves within the context of how computers impact our world, regardless of their field of study. They will learn how to be a responsible digital citizen, work collaboratively and communicate their ideas. They will understand what computers can and can't do and how to evaluate ethical dilemmas related to computers, such as big data, artificial intelligence and robotics.*

RESOURCES PROVIDED TO EDUCATORS
UTeach CS provides a 5-day in-person or 40-hour on-line professional development course in which teachers engage in student activities and explore related pedagogies. The PD is followed by year-round teacher support that includes webinars, office hours and on-demand, 1-on-1 support with a teacher support specialist. Teachers can also utilize the free and active online community of UTeach CSP teachers.

WEBSITE
https://cs.uteach.utexas.edu/
https://institute.uteach.utexas.edu/

CONTACT INFORMATION
Carol Ramsey
ramsey@uteach.utexas.edu
512-689-5420