WeTeach_CS

Online

RESOURCES FOR ONLINE INSTRUCTION

WeTeach_AP®CS A

WeTeach_AP®CS A curriculum is currently available for FREE to any educator worldwide through the end of the 19-20 school year. This curriculum contains instructional videos, labs, assessments, and everything you need, using an online IDE, to continue to provide instruction in AP Computer Science A. Details and curriculum registration can be found at https://utakeit.tacc.utexas.edu/curricula/.

WeTeach_ CS for HS

The WeTeach_CS for HS curriculum - this curriculum is appropriate for any introductory programming course at the high school level (i.e. high school Computer Science 1). To support schools that are suddenly faced with moving to online instruction, we have modified the licensing agreement so that any license purchased after March 15, 2020 can be used both for the rest of the 19-20 school year as well as the entire 20-21 school year at no additional cost. The entire year-long curriculum is aligned to the Texas state standards for CS 1 (TEKS). Details can also be found at https://utakeit.tacc.utexas.edu/curricula/.

WeTeach_ CS on YouTube

The WeTeach_CS channel on YouTube.com contains over 200 videos related to computer science learning concepts and skills, including programming language concepts, OOP (Object Oriented Programming), number base conversion demonstrations, how loops work, etc. They are readily available and free resources for classroom and online study for teachers and students seeking content knowledge in computer science fundamentals, supporting first, second and even third year computer science courses, including AP level study. Subscribe to the channel for FREE here https://www.youtube.com/channel/UCVZT5N7CDsFQ7M47Yem8H2Q/.
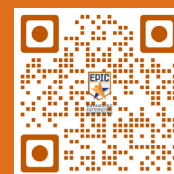
WeTeach_ CS Foundations of CS for Teachers

The WTCS Foundations of CS for Teachers online course is totally asynchronous and covers content for a number of CS courses, from CS 1 through AP. It is correlated to the teacher competencies of the TExES exam but in theory, students could sign up for the course by obtaining a UT EID and then completing modules assigned by their teacher. Quizzes at the end of each module are included and the course is designed with mastery as the goal. Feedback is provided to students from quizzes, allowing them to study further and then retake a quiz up to three times. Students could screenshot their mastery of a quiz and email it to their teacher. Details can be found here https://utakeit.tacc.utexas.edu/foundations-of-cs-texes-prep/.

WTCS IS HERE TO HELP!

While the WeTeach_CS staff knows we can never replace the passion, dedication, and love that classroom teachers show each day for their subjects and their students, we want to make sure you know we have resources to support your efforts to provide online platforms for learning CS, particularly in high school courses such as AP CS A and Computer Science I.

Please don't hesitate to contact us if you have questions about how to access or implement these resources.

tacc.utexas.edu/epic/weteachcs

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