Getting Started with AP® Computer Science Principles

The newest AP® course, AP Computer Science Principles, is launching in fall 2016. Whether your school is interested in offering it in 2016 or building a computer science program with an eye toward AP Computer Science Principles in the future, these initiatives and resources can help you make an informed decision.

CE21 and STEM+C (National Science Foundation)

The STEM+C and Computing Education for the 21st Century (CE21) programs aim to build a computationally savvy 21st-century workforce that positions the U.S. to demonstrate a leadership role in the global economy. Innovations in computing and more broadly, information technology (IT), drive our economy, underlie many new advances in science and engineering, and contribute to our national security.

The following programs, developed under CE21 and STEM+C, include both curricula and professional development components, which work hand in hand to bring AP CSP alive for students:

→ Beauty and Joy of Computing (BJC): **bjc.berkeley.edu**

→ Mobile CS Principles: **mobile-csp.org**

→ Thriving in Our Digital World: **cs.utexas.edu/~engage**

Professional development for these programs, and other CSP resources developed with NSF funding, will be available later this fall. For more information, visit **letsteachcs.org.**
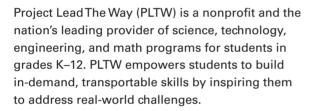
Code.org

Launched in 2013, Code.org is a nonprofit dedicated to expanding participation in computer science by making it available in more schools, and increasing participation by women and underrepresented students of color.

A partnership between College Board and Code.org will increase the number of schools with access to computer science, specifically through the Code.org introduction to computer science course and the AP Computer Science Principles course as well as continued offerings within K–8 grades. As part of this course sequence, Code.org has released a curriculum that is aligned to the AP CSP curriculum framework and will provide professional development and instructional resources to help teachers deliver these courses in the classroom.

Code.org's course sequence is currently being offered through partnerships at the district level. Teachers and administrators interested in this partnership should contact their district leaders to determine whether their district is participating or ask their district to participate. Individual schools interested learning more about Code.org's offerings and Code.org's AP CSP curriculum can visit **code.org/educate** for more information.

Project Lead The Way

Project Lead The Way (PLTW) is a nonprofit and the nation's leading provider of science, technology, engineering, and math programs for students in grades K–12. PLTW empowers students to build in-demand, transportable skills by inspiring them to address real-world challenges.

The College Board and Project Lead The Way (PLTW) are bringing together the successes of the Advanced Placement Program® (AP®) and PLTW's applied learning programs — both of which are shown to improve student outcomes and help ensure successful transitions to college and career. The organizations have developed college and career pathways by combining AP courses with PLTW courses. In the AP and PLTW pathway in computer science, PLTW provides curriculum aligned with AP Computer Science Principles and AP Computer Science A frameworks, as well as professional development and support for teachers.

The partnership creates an opportunity for students to earn credentials that signify their readiness for college and careers, and participate in career-focused opportunities such as internships and scholarships. In additionally, schools will be recognized when they bring together AP and PLTW courses in a meaningful way for students.

To learn more, visit **collegeboard.org/ap-pltw**.

Stay Informed

For more information on our partners and College Board resources to help you implement AP Computer Science Principles at your school, bookmark **collegeboard.org/APCSP**.