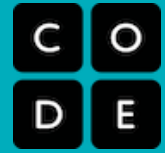


Computer Science Principles at Florida International University



Professional Learning Overview

The Code.org Professional Learning Program

The Code.org Computer Science Principles (CS Principles) Professional Learning Program supports teachers with diverse teaching backgrounds as they prepare to teach the AP[®] CS Principles course. Whether you are new to teaching computer science (CS) or have experience teaching other CS courses, this program is designed to promote growth, providing space for you to become comfortable with curricular materials, CS content, and pedagogy.

Professional Learning Program features:

- **One cohesive set of resources:** Our teacher supports and curriculum flow seamlessly together, empowering teachers to deliver the course with confidence. Resources are available online and in-person, which means you will have time to plan ahead with other teachers and use online materials for just-in-time support while you're in the classroom.
- **Teaching and learning in context:** Participants will engage with the curriculum both as instructors and as learners. By experiencing the course content as an active learner, participants will gain important, concrete insight into the perspective their students will have during the academic year. By interacting with curriculum content as instructors, participants will learn how to plan and deliver lessons.
- **A collaborative, participant-centric approach:** Teachers and facilitators will have the opportunity to share their expertise from the field and collaborate on strategies to bring to the CS Principles classroom, giving participants a chance to learn from everyone in the room. Facilitators model pedagogical strategies and participants share their own approaches by planning and delivering lessons. Rather than framing facilitators as gurus, these workshop leaders guide participants through the course preparation process as peers.

Computer Science Principles Curriculum

Code.org's Computer Science Principles is a full-year course for high school students that is equivalent to an introductory CS course for non-majors at the university level. The curriculum supports teachers new to the discipline with a complete set of lesson plans that include inquiry-based activities, videos, assessment support, and educational tools. Visit code.org/csp-syllabus to learn more about our CS Principles curriculum.

CS Principles Professional Learning Program details

The Code.org CS Principles Professional Learning Program has both in-person and online supports, designed to prepare teachers for their first year teaching CS Principles. In-person workshops are offered directly from Code.org as well as through our Professional Learning Partner organizations. Online supports are fully integrated throughout.

Summer Workshop

A five-day conference-style workshop to kick off the Professional Learning Program

Participants will explore the curriculum and learning tools, classroom management and teaching strategies, dig into the Advanced Placement requirements for the course that come from the College Board, and build a community of teachers using this curriculum. With a focus on a customized experience, participants will attend sessions based on skills they want to develop while working in small groups to deepen their understanding of the materials.

Ongoing Support

As a participant in this program, you will have a menu of online and local, in-person professional development options. Use these to build a customized learning pathway covering key teaching practices and offering specialized support on selected topics while you implement the curriculum for the first time.

Program commitments

Onboarding and pre-work	Summer Workshop	Ongoing Support
Spring 2017	Summer 2017	September 2017 - June 2018
<ul style="list-style-type: none">• Online, self-paced introduction	<ul style="list-style-type: none">• 5 days, in-person at a central location (travel may be required)	<ul style="list-style-type: none">• 4 one-day, in-person sessions• Online, self-paced modules

CS Principles @ Florida International University

- The workshop will be held **July 31st - August 4th at FIU, from 8:30am-5:00pm**
- **There is no cost for participation or materials -- and breakfast and lunch will be provided**
- Apply here for the Code.org CS Principles program at FIU: tinyurl.com/fiucsp
- Reach out to Cristy Charters if you have additional questions: charters@pd.code.org

Helpful links

- Code.org's Computer Science Principles curriculum: code.org/csp
- Code.org Computer Science Principles syllabus and overview: code.org/csp-syllabus