Get Ready to Teach
AP Computer Science A (Java)

In this 40-hour, online, asynchronous professional learning program, teachers will be prepared to successfully teach the Edhesive AP Computer Science A (Java) course. Through lessons, videos, discussions, interactives, and other engaging learning experiences, teachers will become more comfortable with the highly-supportive instructional materials, dynamic learning management system, and content of the course. Scaffolded explorations of the Java concepts and skills will advance your ability to explain and apply course concepts, identify and correct common misconceptions, and support students in their preparations for the AP Exam. There is no prerequisite computer science or teaching experience needed for this program. Optional assignments and extensions support and advance the instructional practice of both new and seasoned computer science teachers.

Program Overview

This professional learning program is comprised of 5 units, each with multiple modules.

**Unit 1: AP CSA Overview**

Teachers will orient to the AP Computer Science A student course and this professional learning program. Topics include:
- Overview of the AP CSA student course
- Why teach computer science
- Your role as an AP CSA teacher
- The Edhesive teacher community

**Unit 2: The AP CSA Curriculum**

In these modules, educators will explore the components of the Edhesive AP CSA curriculum, drawing connections to the College Board AP CSA goals and exam. Topics include:
- Features of the AP CSA course
- Student course materials
- Preparing for the AP CSA Exam

**Unit 3: Java for AP CSA Teachers**

Strategically selected activities support teachers in advancing their Java skills and knowledge to better support students. Topics include:
- Identifying and addressing growth areas
- Exploring key coding concepts
- Addressing common misconceptions

**Unit 4: Facilitating AP CSA**

Teachers will examine the instructional decisions that lead to an effective implementation of the Edhesive AP CSA curriculum. Topics include:
- Teaching in a blended classroom
- Grading, assessments, and acting on data
- Differentiation

**Unit 5: Preparing for the School Year**

In these final modules, teachers explore considerations for having a successful program and start to the school year. Topics include:
- Recruiting for your AP CSA classes
- Preparing for first days of school
- Professional learning program completion