

Computer Science Principles All Day Workshop

Andrew Kuemmell

Hi everyone! I'm really looking forward to meeting you and guiding you as you either prepare for your first year teaching AP CS Principles, or as you expand your knowledge of the course and how to teach it.

I've had a deep interest in teacher professional development since 1993, when I joined the Wisconsin Academy Staff Development Initiative to lead week-long workshops in constructivist teaching strategies. In 1998 I earned National Board Certification in Adolescent and Young Adulthood Mathematics and worked over the next 10 years leading support groups for Wisconsin National Board candidates that focused on using classroom discussion and scaffolded activities to produce evidence of student learning.

In 2012 was accepted as a CS Principles Pilot Instructor at West High School in Madison, WI. Those first few years were really a lot of trial and error teaching, but each year I built a better course based on what was best for my students, at my school, given their experiences and my background.

I was a member of the first AP CS Principles Test Development Committee and have continued to help set the direction of the course. In that role I created a number of College Board documents including a CS Principles Course Planning and Pacing Guide and a CS Principles Sample Syllabus.



I've shared my experience with other teachers in many ways: as the moderator of the College Board CS Principles Teacher Community, as an online College Board Mentor, and through the Wisconsin Dairyland Chapter of the CSTA. I've taught several AP courses (Calc AB, Calc BC, Stats, CS A, CS P), attended many AP workshops, and developed a deep understanding of what it takes to succeed as an AP teacher.

In 2018 I accepted an opportunity to teach computer science at the University of Wisconsin Madison. Leaving the high school classroom after 30 years was a hard decision but allowed me the chance to grow in new ways. At UW-Madison, I've taught a version of CS Principles, Intro to Java courses, and a Data Science with Python course. I also teach a 1-credit course to train our Teaching Assistants and I run a program to promote belonging for students from underrepresented groups in computing.

I continue to be a reader for the Create Performance Task, and I am a contributing CS Principles question writer for ETS. These two experiences help me provide you with insights on preparing your students to do well on the AP Exam.

I live in Madison with my wife, our two teenage boys, and our dog.



Date and Time

February 7, 2024
8:30AM-3:30PM



Where

This is a virtual event. Links will be provided to registrants in the days leading up to the workshop.



Register at the link below

[Register here](#)

