

HEY!!

Did You Know Amphi is offering **AP Computer Science Principles** this year?!?!?

<p>Wait, what? What is AP Computer Science Principles (AP CSP)?</p>	<p>→ AP CSP is a <i>brand new course in the whole US</i> that gently introduces students to the concepts of Computer Science. The course was created specifically to address equity issues of minority and female students not being exposed to computer science courses in their academic career.</p>
<p>So wait – who can take the course?</p>	<p>→ There's no prior knowledge needed for the course so, in theory, <i>anyone!</i> Seriously – anyone – in fact, the less they know, the better. <i>In reality:</i> any <i>sophomores</i> or above who have earned at least a C in Algebra I and have an open 7th period.</p>
<p>What do they do? Is it all programming? That seems boring...</p>	<p>Nope – this course is much broader than that. We talk about the internet, 'big data', cyber security, and yes – some programming.</p> <p>→ Actually, surprisingly, a big portion of the course is writing. For the AP, students have to write a research paper on a recent technological innovation and think critically about modern technology issues and their global impact.</p> <p>More info on the curriculum is here: https://code.org/educate/csp</p>
<p>Oh yah – this is an AP? What credit does it count for?</p>	<p>→ Most universities¹ accept this course as a general education science requirement and <i>not</i> a Computer Science class. This makes it <i>an incredibly diverse course that anyone can take and have it apply to their college degree</i>. The U of A counts it as one of their Tier I Gen Ed science requirements, which <i>almost every student will need to take</i>².</p>

¹ These ones: <https://advancesinap.collegeboard.org/stem/computer-science-principles/higher-ed-support>

² Here's the proof: <http://catalog.arizona.edu/policy/advanced-placement-ap-program>

Wait, who's teaching this?



Dan Schneider!!!!!!!!!!

Here's a secret: I did a pretty poor job of spreading the word about this course last year. I got a little overwhelmed =/. As a result, I've got 9 open seats in this course at the start of the year that I'd love to fill.

So, I'm hoping you might have some ideas of students who might be interested in this course and maybe I could get in touch with them in the first week of school as everything's getting settled. In particular, I'm hoping this class might help with a few other programs our school has (which may be why you are receiving this flyer):

Ok Ok Ok – cut out the exclamation points. I get it – this course is pretty cool. But what's with this flyer? Why did you give one to me?



AVID Students: Since our AVID students need to take at least one weighted class each year they are in AVID, and since this course has the unique property of being an AP course that is open to sophomores, then maybe there are some sophomore AVID students who may be slightly interested in Computer Science and need to fulfill their weighted class requirement?

Students on an AP Track: I can imagine one of the challenges for students taking an AP course is getting used to the rigor and expectations and logistics of an AP course (preparing for the test, planning ahead, etc). Instead of having students face this struggle as juniors and seniors when they enter your class, why not have them get used to the AP system in my class during their sophomore or junior year? Maybe this'll save you some headaches when they enter your AP class since they're already used to the AP system?

So... what's next?



If you think of any students I should talk to, can you send me their names so I can find them?

dschneider@amphi.com