

CS4GA Computer Science Capacity Grant

Application

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Richard Woods, *Georgia's School Superintendent*

An Equal Opportunity Employer



Purpose: The purpose of this grant is to broaden participation in K-12 Computer Science (CS) education and to implement the 2019 Legislative Bill SB 108 requiring high school and middle schools to offer computer science instruction. The Georgia Department of Education is committed to supporting the growth of this discipline. The GaDOE will be providing resources to support systems along this journey and will work towards eliminating barriers to computer science education in Georgia. The goal is for all students have both access and opportunity to engage in CS experiences.

Award: Each grant shall include funding for building instructional capacity, equipment, and curriculum; however, 85% of awarded funds must be spent on professional development of teachers for Computer Science instruction. Each grant shall not exceed \$25,000. Systems with a comprehensive CS plan and an identified teacher(s) for training will be given priority. Priority will also be given to systems serving highly impoverished and/or rural communities. Only one competitive grant will be awarded per system, but districts and/or schools may pool their grant funds for a more comprehensive approach to building teacher capacity.

Eligibility: Eligible entities for receiving grants include:

- Local Education Agencies (LEAs)
- A consortia of LEAs
- Local charter schools
- State Charter Schools
- Partnerships between an LEA and a high-quality professional learning provider

Commitments Required of School Districts Receiving Awards:

- 85% of grant expenditures must be focused on building teacher capacity (teacher professional development and training, teacher certifications, and/or teacher endorsements); no more than 15% of funds may be used for equipment and/or curriculum
- Districts must commit to sharing trained teachers with other districts

Timeline:

8/2019 – 5/2020	Grant Period
8/1/2019	Grant applications distributed
9/15/2019	Grant application deadline
No later than 10/15/2019	Grant award letters distributed
11/1/2019 – 1/7/2021	Local professional development
5/31/2020	All grant funds must be spent
6/1/2020	Grant report due



Please completely fill out the information requested below. By submitting this application, you are attesting that the information is accurate to the best of your knowledge.

System Information

Contacts		System Response
Name of school system		
Address of system office		
Superintendent		
	Name	
	Phone number	
	Email address	
Primary Contact for Computer Science		
	Name	
	Title	
	Phone number	
	Email address	

System Computer Science Development

Does your system have a CS Plan?	Yes	No
If yes, please share the link/URL address.		
Number of High Schools		
Number of High Schools that offered a CS course in 2018-2019		
Percentage of High Schools that offered a CS course in 2018-2019		
Number of Middle Schools in this system		
Number of Middle Schools that offered a CS course in 2018-2019		
Percentage of Middle Schools that offered a CS course in 2018-2019		



Student Population (Rural, Underserved, or High-Poverty School Clusters)

Demographics	System Response
Percentage of students in system enrolled in free/reduced lunch	
Unemployment rate for community this system serves (county or city; the most closely aligned with student population)	
Median income for family of four in this system	
Total number of students in system	
Total number of students enrolled in CS courses	
Percentage of students enrolled in CS courses	
For students enrolled in CS Courses:	
% Students With Disabilities (SWD)	
% Female	
% Asian	
% Black	
% White (non-Hispanic)	
% Hispanic or Latina/o	
% Native American or Pacific Islander	
% other/not declared	

Helpful links:

Free and reduced lunch ([here](#))

Unemployment rate ([here](#))

Median income ([here](#))

What counts for CS?

"Computer Science" courses for high school refer to the 9 courses that currently count for graduation credit. See the FAQ here: <https://www.gadoe.org/SiteAssets/Pages/Computer-Science/Computer%20Science%20Graduation%20Credit%20FAQ.pdf>

For middle school, there are currently 3 courses that count as a CS course: 11.01100 Foundations of Secure Information Systems, 11.01200 Foundations of Computer Programming, and 11.01300 Foundations of Interactive Design



Teacher Information

Certification of Teachers		System Response
Total number of teachers in the system		
Number of teachers currently holding a Computer Science credential (e.g., certification or endorsement)		
Percentage of teachers holding a CS credential		
Number of teachers holding a Computer Science or related degree (e.g. CIS, Computer Engineering, MIS, Computer Science)		
Percentage of teachers with a CS-related degree		
For teachers teaching CS courses:		
Number of teachers identified for training		
Percentage of teacher(s) identified for training		
Name	School	Email address



Please list the Computer Science related professional development experiences offered in your system during the 2018-2019 school year and how many teachers participated (This includes summer training, endorsement programs, in-class partner training like TEALS or Constellations, and other training experiences).

PD Experience	Number of teachers that participated

Program Sustainability

How much did your system spend on computer science teacher training last school year (2018-19)?	
How much local funding will your system contribute to CS teacher training this year (2019-20)?	
Has your system made use of federal funds, such as Title IIA or Title IV, for CS teacher training in the past 3 years? If so, which funding stream(s)?	
What other sources of funding has your system used for CS education?	



Please share your system's plan for implementing the computer science capacity grant. The plan should address the following items. Each response is limited to 150 words.

1. You may request total funds not to exceed \$25,000. How much are you requesting? How have you arrived at this amount? You may list items and their cost.
2. How will funds be allocated for teacher training? Which professional development program will you use and why? What is the cost per teacher?
3. How will funds be allocated for elementary, middle, and/or high school?

