



Maryland Center for Computing Education

Computer science preservice seed grant

Education faculty professional development program for computer science

The purpose of this grant is to provide resources needed to hold professional development for faculty in colleges of education to integrate computational thinking and computer science into education courses.

Professional development will include sufficient learning opportunities to enable faculty to understand the content of the Maryland K-12 CS standards, up through grade 4 at a minimum, and provide time to develop lessons to add to existing education coursework. Faculty leads can be from either a computing or education department and must attend at least one day at the Maryland Computer Science summit and should also participate in an online planning workshop with the MCCE.

Professional development must focus on understanding the content and methods necessary to develop and teach high-quality units of study that teach the Maryland K-12 Computer Science Standards adopted in 2018 to reach the broadest range of undergraduate education majors possible.

PROGRAM PARTICIPANTS and budgeted costs for participation TOTAL

number of faculty leads	0	compensation per faculty lead	\$ -	\$ -
number of faculty participants	0	compensation per faculty participant	\$ -	\$ -
number of in-service teachers included	0	compensation per teacher	\$ -	\$ -
number of student participants (optional)	0	compensation per student participant	\$ -	\$ -
TOTAL PARTICIPATION COSTS				\$ -

TIMELINE:

What are the major milestones for planning & professional development?

What are key activities that will be part of this project?

Date	Activity	by whom?
	Project start date	
Apr-20	Attend MD CS Summit	
Nov-19	Participate in online planning webinars	
	Data collection and report writing	
	Project end date	

To apply:

Complete and send a cover page for your grant request with a 1 or 2 paragraph abstract describing your project and this form to Dianne O'Grady-Cunniff

dogrady@usmd.edu

Email any questions to the same address.