Partner4CS
Summer 2016
Professional Development Opportunities

Computer Science Principles
Teacher Training
June 20-23 and July 18-20
(online coursework to occur between face-to-face sessions)

Integrating Computer Science
Into your Existing Curriculum Training
June 20-23

June 20 – 23 Lodging and Meals at
UD’s Beautiful Virden Center in Lewes, DE
11 – 4 Monday and 9 – 4 Tuesday-Thursday and
Optional Evening activities Monday - Wednesday

July 18-20 with Meals at
UD’s Main Campus in Newark, DE
9 – 4 Monday through Wednesday

$800 Stipend for full participation
Full participation earns 32 Professional Development hours
Apply before March 15 for priority at: sites.udel.edu/partner4cs/
QUESTIONS: email partner4cs@udel.edu or call 302 831-1953

Computer Science Principles Teacher Preparation:
Partner4CS is partnering with the MobileCSP creators. Each CSP participant is expected to participate in June 20-23 face-to-face PD at the Virden center, complete 2 weeks of online training with the Mobile CSP providers, and July 18-20 face-to-face PD on the Newark campus of University of Delaware. Successful completion of MobileCSP PD will enable you to teach the CSP AP course in Delaware.

Integrating Computer Science Into your Existing Curriculum Training:
Institute participants will design and practice educational activities for introducing computational thinking in their curriculum both with and without computers. Participants will also have the choice of receiving curriculum materials and follow-up classroom support in the upcoming academic year (2016-2017). This training is for teachers in grades 6-12.

Model Teaching of CS Concepts and Skills:
Algorithms, Programming, CS Impact, Creativity, Data representation and manipulation, Abstraction, Internet

Model proven successful CS Pedagogy:
Inquiry learning, CS Unplugged activities, directed Scratch lessons that work in a diverse classroom, Pair programming model, open-ended Scratch projects, interactive Scratch projects, board games to teach CS, AppInventor mobile app projects.

Share, Reflect and Discuss:
The Computer Science Teacher’s Association (CSTA) Standards, mapping to the Common CORE standards, assessing student programming projects, recruiting for diversity in computing, making CS accessible to broad audiences

Partner4CS is a National Science Foundation project that is part of the national CS10K initiative.