

Community College of Baltimore County (CCBC) Programs for CS in Education

Program Levels: primary

Kinds of Programs: undergraduate program

How CS is infused into Education: integrated into multiple courses

Who does it reach? All education students in the institution

Who is part of the collaboration? Community College

Description of the strategy to infuse CS/CT into education programs: CT is incorporated into all the educational technology courses. Students are also required to take a general education technology course which has been contextualized for education majors and incorporates CT.

Contact: [Renuka Kumar](#). Professor in the Computer Science/Information Technology department at the Community College of Baltimore County in Maryland. I have been working with faculty in our education department on ways to introduce computational thinking to our education students through a grant funded by the Maryland Center for Computing Education.

[Sample lesson plan](#) used to introduce the core concepts of Computational Thinking as part of a game design project.

Program Levels: secondary

Kinds of Programs: undergraduate program

How CS is infused into Education: integrated into content classes

Who does it reach? All students in certain education majors

Who is part of the collaboration? PK-12 classroom teachers, community college, between departments in our institution

Description of the strategy to infuse CS/CT into education programs: We have contextualized our Computer science 101 course for teacher education students.

Contact: Wendy Chin. [Wendy Chin](#) is an Associate Professor and Computer Science/Information Technology Department Chair in the School of Business, Technology and Law at the Community College of Baltimore County. She has been an educator for the last 25 years with specializations in Microsoft applications, Cisco networking and cyber security. She holds a BS degree in Computer Science and a MS in Cyber Security. She also holds various networking certifications. Wendy is active in the community as a member of the Cyber Association of Maryland (CAMI) serving on the diversity committee.